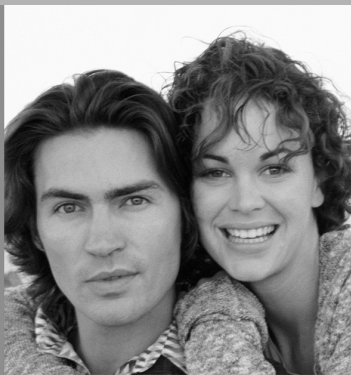


# SIEMENS

Be inspired

Gigaset  
SX100/150  
isdn



# The handset at a glance

## Reception strength

### Talk key

- ◆ Answer a call
- ◆ Initiate dialling
- ◆ Switch from handsfree to "earpiece" mode

### Control key

Opens the menu, directory, internal list, voice selection. Navigation in the input field

### Handsfree key

- ◆ Switch from "earpiece" to handsfree mode
- ◆ Lights up: Handsfree is activated
- ◆ Flashes: incoming call, automatic last number redial

### Key 1

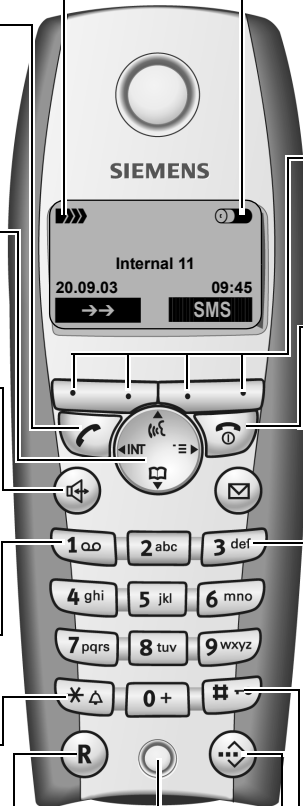
Answering machine (hold down)

### Star key

- ◆ Ringer on/off (press for approx. 2 seconds)
- ◆ Toggles between upper/lower case and digits

### Recall key

Initiate enquiry call



Microphone

## Charge status

- ☐ flat    ☐ fully charged
- ☐ flashes: battery is almost flat or is charging

## Current functions and display keys

The display keys give you access to the functions shown in the display.

## End call key, On/Off key

- ◆ End call
- ◆ Cancel function
- ◆ Return to idle status (hold down)
- ◆ Handset on/off (in idle status, hold down)

## Message key

- ◆ Access to SMS, calls list, answering machine (on SX150isdn)
- ◆ Flashes: new SMS, calls, messages

## Hash key

Keypad lock on/off (hold down)

## Speed dial list key

Open the speed dial list

<b>The handset at a glance</b> .....	<b>1</b>
<b>Safety precautions</b> .....	<b>6</b>
<b>Preparing to use your phone</b> .....	<b>7</b>
Package contents .....	7
Installing the base .....	7
Connecting the base .....	8
Operating the handset .....	9
Using the handset – and menus .....	12
Operating the base – Getting started wizard .....	14
<b>Making calls</b> .....	<b>20</b>
Making and ending external calls .....	20
Making and ending internal calls .....	20
Answering a call .....	21
Withholding Calling Line Identification .....	21
Handsfree talking .....	23
Picking up a call during ring delay (Call PickUp) .....	23
Rejecting a call .....	24
Reserving a line .....	24
Defining the outgoing MSN for the next call .....	25
Ringback when busy (CCBS) / when the call is not answered (CCNR) .....	25
Identify caller .....	26
<b>Functions during a call</b> .....	<b>27</b>
Muting the handset .....	27
Making calls with multiple parties .....	27
Forwarding an incoming call – CD (Call Deflection) .....	30
Transferring calls .....	31
Working with call waiting for an external call – CW (Call Waiting) .....	32
Call hold .....	33
Parking/continuing a call .....	33
<b>Using the directory and other lists</b> .....	<b>34</b>
Directory and speed dial list .....	34
Voice-activated dialling .....	42
Email directory .....	44
Display available memory .....	46
Last number redial list .....	46
Opening lists with the Message key .....	48
Calls lists .....	48

## **Making cost-effective calls ..... 51**

Linking a call-by-call number with a phone number .....	51
Displaying the call duration .....	51
Displaying call charges .....	52

## **SMS (text messages) ..... 55**

General .....	55
Before you can send and receive text messages .....	55
Managing SMS Service Centres .....	56
Entering, changing, or deleting phone numbers of SMS centres .....	57
Activating/deactivating an SMS active send service centre .....	58
Registering/deregistering with an SMS centre .....	59
Memory .....	59
Sending an SMS and outgoing message list .....	60
Sending a text message to an email address .....	65
Receiving text messages and incoming message list .....	66
Using new ringer tones and logos for the handset .....	71
Text messages to a PABX .....	73
Errors when sending and receiving a text message .....	73

## **Using the answering machine (on SX150isdn) .. 75**

Selecting an answering machine .....	76
Activating/deactivating the answering machine .....	76
Selecting announce only and AB mode .....	77
Recording/changing announcements .....	77
Playing/deleting announcements .....	78
Recording memos .....	78
Two way recording .....	79
Picking up a call from the answering machine .....	79
Playing messages .....	80
Carrying out a ringback during playback .....	81
Playing a message for the other party .....	81
Listening to memos .....	82
Setting the playback speed .....	82
Deleting messages/memos .....	83
Setting an old message or memo to "New" .....	84
Copying a number to the directory .....	84
Checking the status of the answering machine .....	84
Remote operation .....	85

## **Setting the answering machine (on SX150isdn) 89**

Assigning the incoming MSN .....	89
Hiding/showing an answering machine .....	90
Specifying the number of rings before the answering machine starts .....	91
Deactivate/activate spoken date and time .....	91
Specifying the recording time and recording quality .....	91
Activating/deactivating the automatic pause .....	92

- Blocking the answering machine, defining the AB PIN ..... 93
- Setting the time control ..... 93
- Activating/deactivating automatic call screening on a handset ..... 96
- Activating/deactivating automatic call pick up ..... 97
- Activating/deactivating automatic notification of SMS ..... 97

**Using several handsets ..... 99**

- Using a handset as a room monitor ..... 99
- Setting the Walk and Talk mode ..... 102

**Date and Time ..... 104**

- Setting the date and time ..... 104
- Setting the alarm clock ..... 105
- Setting appointments ..... 107
- Displaying missed appointments, and anniversaries ..... 109
- Night service ..... 110

**Security settings ..... 113**

- Changing the System PIN ..... 113
- Defining authorisation ..... 114
- Emergency numbers ..... 114

**Setting the system ..... 116**

- Changing the name for an internal party ..... 116
- Setting up/deleting ISDN phone numbers (MSN) ..... 117
- Assigning a phone number (MSN) ..... 118
- Setting up the list of outgoing MSN for the next call ..... 119
- Setting up a busy signal when the MSN is being used (Busy on Busy) ..... 120
- Assigning an MSN a ringer melody ..... 120
- Setting up rejecting for the entire MSN group ..... 121
- Forwarding calls ..... 121
- Pre-assigning the call deflection destination – CD (Call Deflection) ..... 125
- Setting up automatic call forwarding when not reaching a handset ..... 126
- Setting up an internal group call group ..... 127
- Setting up ring delay ..... 127
- Activating/deactivating call waiting – CW ..... 128
- Setting an external/internal enquiry call ..... 129
- Setting up the waiting melody ..... 130
- Changing the long distance prefix ..... 130
- Restoring the factory settings ..... 132
- Checking the status ..... 132
- Checking the software version ..... 133

<b>Registering/de-registering further handsets . . .</b>	<b>134</b>
<b>Handset settings . . . . .</b>	<b>137</b>
Changing the display language . . . . .	137
Deactivating/activating auto answer . . . . .	137
Changing the name of the base . . . . .	138
Adjusting the loudspeaker volume . . . . .	138
Changing the ringer tone . . . . .	139
Activating/deactivating advisory tones . . . . .	141
Restoring the handset to factory settings . . . . .	142
<b>Operating with other devices . . . . .</b>	<b>143</b>
Data modules Gigaset M101 Data and M105 Data . . . . .	143
Gigaset repeater . . . . .	143
<b>Using with a PABX . . . . .</b>	<b>144</b>
Access code (outside line code) . . . . .	144
Activating/deactivating call transfer – ECT (Explicit Call Transfer) . . . . .	144
Dialling options . . . . .	145
<b>Appendix . . . . .</b>	<b>147</b>
Care . . . . .	147
Contact with liquid . . . . .	147
Questions and Answers . . . . .	147
Service (Customer Care) . . . . .	150
Specifications . . . . .	151
Character set chart . . . . .	153
Predictive text . . . . .	155
Guarantee certificate (Ireland) . . . . .	156
<b>Compatibility . . . . .</b>	<b>157</b>
<b>Menu table . . . . .</b>	<b>158</b>
Main menu . . . . .	158
Submenu "Base Settings" . . . . .	159
Submenu "Answer Machine" . . . . .	162
Directory key and speed dial list key . . . . .	164
<b>Accessories . . . . .</b>	<b>165</b>
<b>ISDN glossary . . . . .</b>	<b>168</b>
<b>Index . . . . .</b>	<b>175</b>

# Safety precautions



Only use **the power supply unit supplied**, as indicated on the underside of the device.



Only insert the **recommended, rechargeable batteries (page 151)** of the same type! Use no other types of batteries or non-rechargeable batteries, as they could damage health and cause personal injury.



Ensure correct polarity when fitting rechargeable batteries, and use the battery type according to these instructions (you will see polarity symbols in the handset's battery compartments).



The operation of medical appliances may be affected. Be aware of the technical conditions within the particular environment (e.g. doctor's practice).



The handset may cause an intrusive 'hum' in hearing aids.



Do not install the base in bathrooms or shower rooms (see page 7 and page 147). The handset and base are not watertight.



Drivers must not use their phones while driving (Walk and Talk function).



Switch off your phone while on board an aircraft (Walk and Talk function). Ensure that it cannot be switched on again accidentally.



Do not use the phone in environments subject to explosion hazard (e.g. auto paint shops).



Ensure that your Gigaset is accompanied by these instructions when you give it to others to use.



Dispose of the batteries and phone in accordance with environmental regulations.

*i*

Not all of the functions described in these instructions are available in all countries.

# Preparing to use your phone

## Package contents


The package contains:

- ◆ one base station,
- ◆ one handset,
- ◆ one power supply unit with power cord,
- ◆ one ISDN cable,
- ◆ one battery compartment cover for the handset,
- ◆ one belt clip for the handset,
- ◆ two batteries,
- ◆ one set of operating instructions.

## Installing the base

### Notes on installation

The base is designed to be used in enclosed, dry areas at temperatures ranging from +5 °C to +45 °C. Install the base at a central location in your home, e.g. in the hall.

	<ul style="list-style-type: none"> <li>◆ Never expose the telephone to the following: heat sources, direct sunlight, other electrical equipment.</li> <li>◆ Protect your Gigaset from moisture, dust, corrosive liquids and vapours.</li> </ul>
---	---

## Range and reception strength

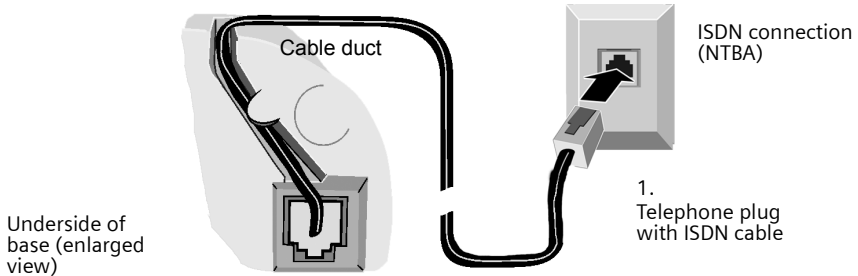
The base has a range of approx. 300 m outdoors and up to 50 m indoors. The reception strength shows the quality of the radio contact between the base and handset:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>▣▣▣▣ Reception strength 100 %</li> <li>▣▣▣▣ Reception strength 50 %</li> <li>▣▣▣▣ No reception (flashes)</li> </ul> | <ul style="list-style-type: none"> <li>▣▣▣▣ Reception strength 75 %</li> <li>▣▣▣▣ Low reception strength</li> </ul> |
|--|---|



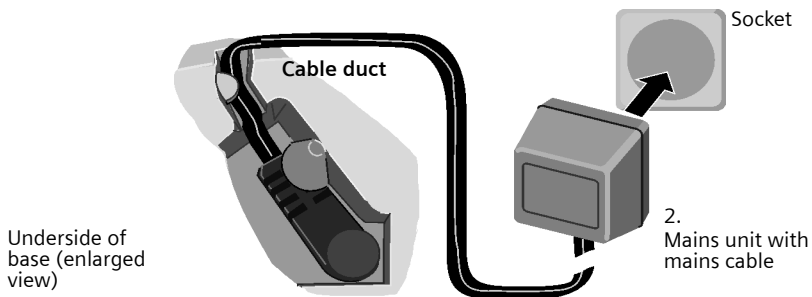
## Preparing to use your phone

### Connecting the base



1.

- ◆ Plug in the small plug on the ISDN cable into the socket (it clips into place),
- ◆ Place cable in the cable duct,
- ◆ Insert second plug of the ISDN cable into the NTBA (ISDN connection)



2.

- ◆ Insert the small jack on the power cord into the socket on the underside of the base,
- ◆ Place cable in the cable duct,

*i*

- ◆ Keep the mains unit **plugged in at all times** to ensure your phone is ready for use whenever you need it.  
The base and the registered handset are not operational if there is power failure. However, all settings and stored items (messages, directory entries, etc.) are retained indefinitely.

## Operating the handset

### Removing the protective film



The display is protected by a plastic film.  
Please remove the protective film!

### Inserting the batteries



- ◆ Insert the batteries **ensuring correct polarity** (see figure on left).
- ◆ Position the battery cover so that it is **open by around 3 mm**, then slide **up** until it closes with a click.



Use only the rechargeable batteries recommended by Siemens on page 151! Never use conventional batteries (non-rechargeable) or other battery types as this may cause significant damage to health and property. For example, the jacket of the battery could be destroyed (hazardous). The phone could also malfunction or be damaged.

### Opening the battery compartment

Press on the grooved area of the cover and slide back.


## Preparing to use your phone

### Registering the handset and charging the batteries

When you place the handset into the base, it **automatically** registers. This can be done as follows:

1. Place the handset **turned off** in the base with the **display up**.
2. Wait till the handset has automatically registered with the base (page 134): This takes **about one minute**. You will now see "Time not activated" in the display. The handset is assigned the internal number 11 (the first valid internal number for handsets) and the internal name **Internal 11** appears in the display. You can change the handset name (page 116).


If automatic registration is interrupted, you must register the handset manually as described starting on page 134. There is a table of the most important questions and answers to help you (page 147).

Now leave the handset in the base for the batteries to charge – the batteries are supplied uncharged. The charging is indicated in the upper right of the display where the charging status  flashes:

 The batteries are (almost) flat

 Batteries  $\frac{2}{3}$  charged

 Batteries  $\frac{1}{3}$  charged

 Batt. fully charged

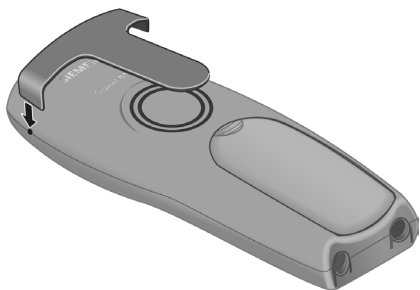
**i**

If you want to register **further handsets**, please turn to page 134.

### Note

Your telephone is now ready for use. With the Gigaset SX150isdn, the answering machine with pre-recorded announcement is also activated. To correctly record the time of calls and, if applicable, messages you must now set the date and time. Depending on the network provider, the date and time are updated automatically by the telephone network with every outgoing call. All the settings necessary for operating the telephone can be set up easily with the Getting started wizard (page 14).


### Attaching the belt clip




Push the belt clip onto the back of the handset until the lugs click into the recesses on either side of the handset.

## Activating/deactivating the handset

---

To activate the handset, press the end call key  and hold. You will hear a confirmation tone (rising tone sequence).



To deactivate the handset while in the idle status, press the end call key  again **and hold** (confirmation tone).


<i>i</i>	The deactivated handset activates automatically when placed in the base or charger.
----------	---

## Activating/deactivating the keypad lock

---

You can 'lock' the keys on your handset, e.g. when carrying the unit in your pocket or bag. This protects the keypad against inadvertent activation.

**Hold down** the hash key . You will hear a confirmation tone and the icon  appears in the display.


To **deactivate** the keypad lock, press the hash key  again **and hold** (confirmation tone).

<i>i</i>	<ul style="list-style-type: none"> <li>◆ The keypad lock deactivates automatically when you receive a call. It re-activates when the call is finished.</li> <li>◆ When the keypad lock is active, you cannot even call emergency numbers.</li> <li>◆ The keypad lock is still indicated if you have installed a logo as display graphic (page 72).</li> </ul>
----------	---

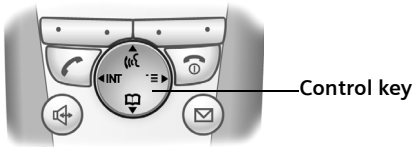
## Using the handset – and menus

### Special keys






#### Control key

The control key is the central operating element. It has four black arrows and the corresponding icons. Pressing the various icons (up, down, right, or left) opens a different function. The side you have to press is shown by a black triangle in the operating instructions, e.g.:  key for right = open menu.

Example:



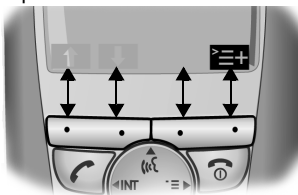
Different functions of the control key:

	In the idle status	In lists and menus	In an input field
	Voice-activated dialling (hold key down)	Scroll up	Move the cursor one line up
	Open directory	Scroll down	Move the cursor one line down
	Open menu	Confirm the selected entry (same as  )	Move the cursor to the right
	Initiate an internal call	Go back one menu level, or cancel	Move the cursor to the left

#### Display keys

The display keys are the **horizontal buttons** just below the display. Their functions depend on the operating situation. The current function is shown directly above the button in the display.

Example:



Functions of the display keys  
(depending on the operating situation)

Display keys

The various **displays** have the following meaning:

Display icon	If you press the key
	Last number redialkey: Open the list of the last 10 phone numbers you dialled.
	OK key: Confirm menu function or confirm entry and save.
	Menu key: Open the main menu when in idle status. Opens context sensitive menu while making a call.
	Menu+ key: Open submenu, e. g. in input fields.
	Delete key: Delete input character by character from right to left.
	Escape key: One menu level back (cancel).
	Open email directory.

### Correcting entries

After a correct entry you will hear a confirmation tone (rising tone sequence), an incorrect entry is indicated by an error tone (falling tone sequence). You can repeat the entry.

If you have entered the wrong character **in the text**, you can correct it as follows:

#### Deleting characters to the left of the cursor with

To correct a phone number or text, move the cursor to the right of the incorrect character with the control key. Then press the display key . This deletes the character. Now enter the correct character.

#### Inserting characters to the left of the cursor

If you have left out a character, use the control key to move the cursor to where you want to insert the character, and then enter it.

#### Overwriting characters

When entering **Date/Time** the number of digits is fixed and there is a default entry in the field. Use the control key to move the cursor **to** the wrong digit and overwrite it.

#### Overwriting characters to the right of the cursor

When entering **Cost per Unit**: the number of digits is fixed and there is a default entry in the field. Use the control key to move the cursor to the **left** of the wrong digit and then overwrite it.

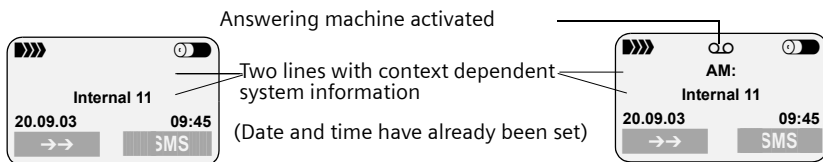
# Preparing to use your phone

## Idle status


### Display in idle status (example, Logo deactivated)

Gigaset SX100isdn

Gigaset SX150isdn









### Returning to idle status from anywhere in the menu:

- ◆ Hold down the End call key  for about 1 second or
- ◆ do not press any key: After about 2 minutes the display **automatically** returns to idle status.

Changes you have not confirmed or saved by pressing **OK**, **Yes**, **Save**, **Send** or with **Save OK** will be discarded.

### Example of menu operation: "Setting Handsfree Volume"

1.  Press right side of the control key. This opens the menu.
2.  Keep pressing the lower part of the control key until you see **Audio Settings** marked in the display (by the frame).
3.  or **OK** Use the right side of the control key or the display key **OK** to confirm.
4.  or **OK** Confirm the first display entry, **Handset Volume**, using the right side of the control key or with the display key **OK**.
5.  Press the left or right side of the control key to select the required volume (1–5).
6. **Save** Press the display key to save the setting.
7.  Press and **hold** the End call key to return to the idle status.

## Operating the base – Getting started wizard

A few settings are necessary before using your telephone. The Getting started wizard is designed to help you with this. It can be opened anytime using your handset. The following settings can be set one after the other.

- ◆ Date and time
- ◆ Show/hide answering machine 1...3 (on SX 150isdn)
- ◆ Find out/enter the MSN of your connection
- ◆ Set the device type for the connected device
- ◆ Set the incoming MSN
- ◆ Set the outgoing MSN
- ◆ Outside line code (when using a PABX)

## What is an MSN?

MSN = Multiple Subscriber Number. Up to ten different phone numbers can be applied for to utilise the ISDN multi-device connection. An MSN is one of the **phone numbers without the area code** assigned by you.

Your telephone uses the MSN according to your preferences. There are two types:

- ◆ **Incoming MSN:** phone numbers which can be used to call you. You can assign the incoming MSN to specific internal parties (end devices). Incoming calls are only routed to the end devices assigned the respective incoming MSN. End devices are handsets or answering machines.
- ◆ **Outgoing MSN:** phone numbers identified to the person called. The outgoing MSNs are used for invoicing by the network provider. Each internal party can be assigned a fixed outgoing MSN.

### Potential internal parties are:

- ◆ **Handsets**, which can be assigned the internal phone number 11 to 16.
- ◆ **Data modules** (page 143), which can be assigned the internal phone numbers 41 to 46.
- ◆ The integrated **answering machines** (on SX150isdn), which are assigned the internal phone numbers 91 to 93.

### Examples for assigning MSNs:

You have ordered four MSNs, two for business use (MSN1, MSN2) and two for private use (MSN3, MSN4). Four handsets are connected to one base. Two handsets (Int.11 and 12) and the answering machine AM 91 are for business use, two handsets (Int.13 and 14) and the answering machine AM 92 are for private use.

Internal parties	Usage	Incoming MSN	Outgoing MSN
Handsets Int.11 , 12	Business	MSN1, MSN2	MSN1
Answering machine AM 91		MSN1, MSN2	---
Handset Int.13	Private	MSN3	MSN3
Handset Int.14		MSN4	MSN4
Answering machine AM 92		MSN3, MSN4	---

### The following applies to Comfort handsets S1, SL1:

Because internal 11 and internal 12 handsets are assigned two (receiving) MSNs each, they can use the **MSN next call** performance feature (page 127). They can change to (sending) MSN2 during each outgoing external call. The internal 13 and 14 handsets cannot do this.



## Preparing to use your phone









### Ring delay



When ring delay is active, the signal for an incoming call is delayed on the handset (e. g. after 5 rings – the number can be set). Ring delay can be set individually for each handset and for each incoming MSN (page 118).

As an example, an incoming call should be signalled to MSN1 Int.11 when Int.12 does not answer the call. To do this, activate the ring delay for Int.11 and MSN1 (e.g., to 5 rings). The call is signalled directly to Int.12, but Int.11 is signalled after the 5th ring.

### Launching the Getting started wizard and setting the basic

#### Launching the Getting started wizard:






		Open the menu.
	<b>Base Settings</b> 	Select the menu item and confirm.
	Installation 	Select the menu item and confirm.
		Press the display key to launch the Getting started wizard. If you already have set a system PIN (not 0000) (page 113), you will be asked to enter it.
		If required, enter the system PIN and confirm.

<i>i</i>	<ul style="list-style-type: none"><li>◆ The Getting started wizard cannot be used simultaneously by multiple handsets.</li><li>◆ If there is already settings data (factory default or previous settings), this data is shown at the appropriate positions in the display and can be modified there.</li><li>◆ To cancel the Getting started wizard, press the end call key and hold. All changes you have already saved using <b>Save entry</b>  are retained. The handset returns to idle status.</li><li>◆ To skip a setting, press the display key .</li></ul>
----------	---

#### Setting the date and time:

Depending on the network provider, the date and time are adopted automatically from the telephone network during the first outgoing call.

The display shows: **Enter time?**

		Press the display key to set the date and time.
		Enter the date (6-digit) and time (4-digit in 24-hour mode) in series, e.g. 200903 0945 for 9/29/03 9:45 a.m.
		Press the display key to open the submenu.
	<b>Save entry</b> 	Select the menu item and confirm.

If the time should be displayed in 12-hour mode, you can modify the setting later (page 104).

### Showing/hiding the answering (on SX 150isdn base):

The following answering machines AB1, AB2, and AB3 are available. You can use the answering machine when it is shown. By factory default, only AB1 is shown (only AB1 is shown at the factory default setting (only AB1 is displayed in the menus).

The display shows: **Suppress display of AM1?**

Respond with

- ◆ **YES**, if you want to hide AB1,
- ◆ with **NO**, if you want to use AB1.

This sequence will then be repeated for Suppress display and Suppress display.

<i>i</i>	An answering machine can only be hidden if there are no messages/ memos stored in it (page 90).
----------	---

### Finding your phone numbers (MSN):

This function must be supported by your network provider.

The display shows: **Find own numbers (MSN)?**

Several phone numbers (MSN) were provided by the network provider when you received your ISDN connection confirmation. You can store up to 10 phone numbers. If an MSN has not been entered on your telephone, you can retrieve the phone numbers from the telephone exchange.








Confirm the prompt with **YES**.

- ◆ If your MSNs can be found, the number of MSNs found will be shown on the display and the MSNs entered.
- ◆ If your MSNs cannot be found (e.g., because MSNs are already entered or the network provider does not support this function), a message about this will be displayed. Then you have to enter the MSNs manually (page 18).

## Preparing to use your phone

### Entering your phone numbers (MSNs) manually and entering names for the MSNs:

The display shows: **Find own numbers (MSN)?**

	Press the display key to confirm the prompt.
	Press the display key to confirm the "MSN 1 MSN %f?" prompt.
	Enter name. Entering a name for an MSN is optional.
	If necessary, scroll to the line <b>&lt;Number&gt;</b> and enter the MSN. If the MSNs were found automatically, the numbers will already be entered.
	Press the display key to open the submenu.
 <b>Save entry</b> 	Select the menu item and confirm.






The MSNs entered will automatically be assigned to all handsets as incoming and outgoing MSNs.

This sequence will then be repeated for MSN2 to MSN10.


### Setting the incoming MSN

The display shows: **Set incoming MSN?**

The incoming MSN is used to answer incoming calls. The MSNs allocated to your ISDN connection can be allocated to various end devices according to your preferences. You can assign an end device multiple incoming MSNs.

	Press the display key to confirm the prompt.
	Press the display key to confirm the "Set allocation Internal 11 ?" prompt. The list of entered MSNs is displayed.
 <b>MSN 1:12345678</b> 	Select the MSN which should be assigned to this end device, and confirm. Repeat this sequence for all MSNs which should be assigned to this end device as an incoming MSN.
	Press the display key to end this assignment for this end device.



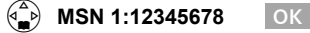

This sequence is repeated for all handsets registered for your telephone and for the integrated answering machine (on SX150isdn).

	When setting the incoming MSN for an answering machine, only the MSNs are offered in the MSN list which have not yet been assigned to another answering machine.
---	--

### Setting the outgoing MSN:

The display shows: **Set outgoing MSN?**

Each internal party can be assigned exactly one of the available outgoing MSNs. It is identified to the person called and the network provider bills the call charges to this MSN. Each end device can be assigned exactly one of the available outgoing MSNs.






	Press the display key to confirm the prompt.
	Press the display key to confirm the "Set allocation Internal 11 ?" prompt. The list of entered MSNs is displayed.
	Select the MSN which should be assigned to this end device, and confirm.
	Press the display key to end this assignment for this end device.


This sequence will be repeated for all handsets registered for your telephone.

### Using with a PABX:

Only carry out the following steps if you want to connect your telephone to a private PABX (not directly to a NTBA).

The display shows: **Operate behind PABX?**



	Press the display key to confirm the prompt.
	Press the display key to confirm the "Set access code?" prompt.
	Enter the access code (outside line code).
	Press the display key to open the submenu.
	Select the menu item and confirm. The Getting started wizard is closed.



The display shows "Installation completed". Press the end call key , to return to the idle status of the handset.

# Making calls

## Making and ending external calls

External calls are calls into the public telephone network. Two external calls can be made at the same time on your base.

	Enter the phone number and press the talk key. The phone number is dialled.
	<b>Ending a call:</b>
	Press the end call key.






<i>i</i>	<ul style="list-style-type: none"> <li>◆ You can also <b>first press</b> the talk key  (you will hear the dial tone) and then enter the phone number.</li> <li>◆ You can cancel the dialling operation with the end call key .</li> <li>◆ You can also end a call by putting the handset in the base.</li> </ul>
----------	--

## Making and ending internal calls

Internal calls are calls between handsets which are registered on the same base. They are toll-free. Three internal calls can be made at the same time on your base. You can either call a specific handset or all other registered internal parties at the same time ("group call").




<i>i</i>	If you receive a call during an internal call or group call, the call is not interrupted. You will hear a call waiting tone.
----------	--

## Calling a specific handset

	Initiate an internal call.
<b>either ...</b>	
	Enter the number of the internal party you want.
<b>or ...</b>	
<b>LIST</b>	Press the display key.
 <b>Int.11</b> 	Select and confirm the internal number you want, e.g., <b>Int.11</b> .
<b>... then</b>	<b>Ending a call:</b>
	Press the end call key.




## Starting a group call to all internal parties

You can make a group call from any handset to all other registered internal parties entered for group calls (page 127). By factory default, this option is activated.

	Initiate an internal call.
<b>either ...</b>	
<b>LIST</b>	Press the display key.
 <b>Collective call</b> <b>OK</b>	Select the menu item and confirm.
<b>or ...</b>	
	Press the star key.

The first internal party who answers the call is connected to you.

## Answering a call

Your handset rings, the call is shown in the display and the handsfree key  flashes. Press the talk key , the display key **Accept** or the handsfree key , to accept the call. If the handset is in the base/charger and the **Auto Answer** function is activated (page 137), then you just need to lift the handset out of the base/charger to answer the call.

<b>i</b>	If the <b>ringer is intrusive</b> , press the display key <b>Silence</b> . You can take the call as long as it is shown in the display.
----------	---

## Withholding Calling Line Identification

**Prerequisite:** The "Withholding Calling Line Identification" performance feature is supported by your network provider.

The factory default setting for this displays your phone number on the called handset (CLIP – for outgoing connections) or the call number of the caller is displayed on your handset (COLP – for incoming connections).

You can withhold this Calling Line Identification (CLIR – for outgoing connections/COLR – for incoming connections). CLIP/CLIR is coupled with COLP/COLR: If Calling Line Identification is withheld, both CLIR and COLR are activated.

Explanations about the abbreviations used can be found in the Glossary on page 170.

## Displaying the phone number of the caller

When you get a call, you will see the caller's phone number or name (CNIP) shown on your display.

**Prerequisite:** The phone number of the caller is transferred.

### Display with CLIP

With Calling Line Identification, the caller's phone number is shown on the handset display. If you have stored an entry for this number in your phonebook, then that entry will be displayed instead of the phone number, e.g. "Anna".

## Making calls



Phone number or "Anna"

Incoming MSN, receiving a call

**Unavailable** will be displayed in the display if the phone number of the caller is not transferred.

### Withholding transfer of the phone number

You would like for your phone number to not be identified to the other party. You can block the transfer of your phone number. The identification of your phone number can be withheld for the next call or continuously withheld. In the continuous setting, the phone number is withheld for outgoing calls (CLIR), as well as for incoming calls (COLR).

#### Withholding transfer of the phone number only for the next call

		Open the menu.
<b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>Call preparat.</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>Temp.withhold</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).
		Hold down (return to idle status).

*i*

After the call, the setting is reset again. Your phone number will be identified to your next caller. When you call the selected phone number from the last number redial list again, this call is also not anonymous.





#### Withholding or permitting transfer of the phone number continuously

By factory default, **Withhold no.** is not activated.


		Open the menu.
<b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>ISDN settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>Withhold no.</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).
		Hold down (return to idle status).

## Handsfree talking


### Activating/deactivating handsfree talking



	<b>Activating while dialling:</b>
	Enter the phone number and press the handsfree key (instead of the talk key  ).
	<b>Activating during a call:</b>
	Press the handsfree key.
	<b>Deactivating handsfree talking:</b>
	Press the talk key

As soon as you end handsfree talking you switch to "earpiece mode" for the rest of the call.

<i>i</i>	If you want to place the handset back in the base during a call, keep the handsfree key  pressed while you do so.
----------	--

### Changing the volume during handsfree talking

You are making a call and handsfree talking  is activated.


	Press the handsfree key <b>again</b> .
	Decrease or increase the volume.
<b>Save</b>	Press the display key to save the setting.

### Picking up a call during ring delay (Call PickUp)

You can pick up a call despite any set ring delay (page 127).

#### Prerequisites:

- ◆ The party picking up must be authorised with at least **Incoming only** status (page 114).
- ◆ Both parties must be assigned the same incoming MSN (page 118).

	Press the talk key. <b>Accept?</b> is shown.
<b>YES</b>	Confirm to pick up the call.



## Making calls

### Rejecting a call

You get an external call or you are making a call and receive an external call. The call is signalled acoustically as well as is shown in the display on all handsets of this MSN group. You can reject this external call.

Press the display key **REJECT**.

Depending on the setting (page 121) the call is only rejected on the handset rejecting the call (handsets with the same incoming MSN continue to ring) or is rejected for the entire MSN group (the caller hears the busy tone).


### Reserving a line

Your ISDN connection offers you 2 simultaneously usable telephone lines (B channels).

**Prerequisite:** You want to make calls externally, but both telephone lines of your connection are busy (used by other internal parties).

Press the display key **CALLBCK**. The next available free line will be reserved for you.

Your handset rings as soon as an external line is free.

<b>either ...</b>	<b>Use a free line:</b>
	Press the talk key. You can now enter the phone number as usual.
<b>or ...</b>	<b>Delete the reservation:</b>
<b>DELETE</b>	Press the display key. The reservation is cancelled.







<b><i>i</i></b>	If the reservation is neither accepted or deleted, it will be deleted automatically after 30 sec.
-----------------	---

## Defining the outgoing MSN for the next call



Even if you have defined an individual outgoing MSN for the handset (page 119), you can select another MSN as outgoing MSN before each call, e.g., for individual recording of charges.

Make sure that the outgoing/incoming MSN corresponds to the phone number registered at your SMS centre (page 56).

By factory default, **MSN next call** is not activated for an MSN.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Call preparat.</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>MSN next call</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>MSN</b> <input type="button" value="OK"/>	Select the required MSN and confirm (✓ = is activated). The next call uses this MSN.
		Hold down (return to idle status).

<b>i</b>	The temporary outgoing MSN is transferred to the person called as phone number information.
----------	---

You can set up your handset so that after pressing the Talk key  or the handsfree key  a list of all available outgoing MSNs is displayed (page 119).

## Ringback when busy (CCBS) / when the call is not answered (CCNR)

**Prerequisite:** The telephone exchange supports this performance feature.

### Ringback when busy – CCBS (Completion of calls to busy subscriber)

The party you have called is now making a call. Automatic ringback saves you repeated attempts to reach this party.

### Ringback when the call is not answered – CCNR (Completion of calls no reply)

If the party you called does not answer the call, you can set up an automatic ringback. As soon as the required party has set up a connection and is free again, you will get the ringback. The ringback request is automatically cancelled after approximately 2 hours (depending on the telephone exchange).

## Activating ringback


The party you have called is busy or does not answer.

<b>CALLBACK</b>	Press the display key.
	Wait for confirmation by the telephone exchange.

## Making calls

### Answering a ringback

The handset rings with a special ring and the display shows the ringback number.

	Press the talk key. The connection is established.
---	--





### Checking and deleting a ringback

#### Deleting the ringback while it is incoming

The handset rings and the display shows the ringback number.

<b>DELETE</b>	Press the display key. The ringback is deleted.
---------------	---

#### Checking or deleting the ringback before it is incoming

	Open the menu.
 <b>Base Settings</b> <b>OK</b>	Select the menu item and confirm.
 <b>Status</b> <b>OK</b>	Select the menu item and confirm. The status list is displayed (✓ = is activated).
 <b>Callback</b> <b>OK</b>	Select the menu item and confirm. The current ringback number is shown on the display.
<b>either ...</b>	<b>To check:</b>
<b>BACK</b>	Press the display key. The ringback remains active.
<b>or ...</b>	<b>To delete:</b>
<b>DELETE</b>	Press the display key. The ringback is deleted.



### Identify caller

Identify caller is used to identify annoying or threatening callers.

**Prerequisite:** You have applied for Identify caller with your network provider.

Activate this function during the call or immediately after the caller has hung up. You must not end the call yourself.

<b><i>i</i></b>	You must not press the end call key!
-----------------	--------------------------------------

	Open the menu.
 <b>Identify caller</b> <b>OK</b>	Select the menu item and confirm.

The caller is identified in the telephone exchange and is recorded by phone number, time and date. A printout of the list is sent later by your network provider.

# Functions during a call

## Muting the handset

You can mute your handset during a call, e.g. if you wish to talk confidentially to another person in the room. Your party on the line cannot hear your conversation during this time. But you can continue to hear him/her.

<b>MUTE</b>	Press the display key. The call is "on hold".
	<b>Cancel muting:</b>
<b>AUDIBLE</b>	Press the display key.

<i><b>i</b></i>	When redialling or when performing other functions such as an internal enquiry call, the muting is cancelled.
-----------------	---

## Making calls with multiple parties





You initiate making calls with multiple parties using an enquiry call. You can either speak with the other parties in alternation ("toggling", page 29) or at the same time ("Conference switching", page 30).

### External enquiry call

You would like to call another external party during an external or internal call.

<i><b>i</b></i>	The enquiry call from an external call to another external call can be set so (page 129) that both ISDN lines are occupied (hold connection internally), or so that your second ISDN line remains free (hold connection externally – HOLD).
-----------------	---




### Initiating an external enquiry call:

<b>either ...</b>	
	Open the menu.
 <b>Enquiry call</b> 	Select the menu item and confirm.
<b>or ...</b>	
	Press R key.

The connection with the first party is now on hold. If the connection is on hold internally (page 129), the first party hears the set waiting melody (page 130).

## Functions during a call

### Establishing a connection to a second external party:





	Enter the second party's phone number. The connection can also be established using the directory or other lists (page 34).
	<b>Second external party dialled is busy:</b>
<b>BACK</b>	Press the display key to return to the first party.
	<b>The second external party has answered:</b>
<b>either ...</b>	<b>Toggle (page 29):</b>
 	Switch between persons on the lines.
<b>or ...</b>	<b>Conference switching (page 30):</b>
<b>CONF.</b>	Press the display key to establish conference switching.
<b>or ...</b>	
	<b>Transfer call (page 31).</b>

### Internal enquiry call

---





You would like to call an internal party during an external call.

#### Initiating an internal enquiry call:

<b>either ...</b>	
	Initiate an internal call.
<b>or ...</b>	
<b>CONSULT</b>	Press the display key.
	Initiate an internal call.
<b>or ...</b>	
	Press R key.
	Initiate an internal call.

The connection with the first party is now on hold. The first (external) party hears the set up waiting melody (page 130), when the connection is on hold internally (page 129).



**Establishing a connection to an internal party:**

either ...	
	Enter the number of the internal party you want.
or ...	
<b>LIST</b>	Press the display key.
 <b>Int.11</b> <b>OK</b>	Select the required internal number, e.g., <b>Int.11</b> , and confirm. The connection to the internal party is established.
	<b>The internal party dialled is busy:</b>
<b>BACK</b>	Press the display key to return to the external party.
	<b>The internal party has answered:</b>
either ...	<b>Toggling (page 29):</b>
 	Switch between persons on the lines.
or ...	<b>Conference switching (page 30):</b>
<b>CONF.</b>	Press the display key to establish conference switching.
or ...	
	<b>Transfer call (page 31).</b>

**Toggling**




**Prerequisite:** You have established an enquiry call (page 27 or page 28).

There is an active connection (the one established with the enquiry call) and one on hold (the first). You can alternate talking with both persons.

Use   to switch between the persons on the lines.

An external party hears the the set-up waiting melody in a connection on hold (page 130) when the connection is on hold internally (page 129). An internal party in a connection on hold does not hear a waiting melody.

**Ending an enquiry call/toggling**

either ...	<b>End the currently active call:</b>
	Open the menu.
 <b>End</b> <b>OK</b>	Select the menu item and confirm. You will return to the waiting party.
or ...	
	<b>Hold</b> down (return to idle status). The active connection is ended. You will automatically be called back by the person on hold.

## Functions during a call

### Conference switching

**Prerequisite:** You have established an enquiry call (page 27 or page 28).

There is an active connection (the one established with the enquiry call) and one on hold (the first). In conference switching, you speak with both parties at the same time.

<b>i</b>	<p>You can establish conference switching with</p> <ul style="list-style-type: none"><li>◆ two external parties or</li><li>◆ with one internal party and an external party.</li></ul>
----------	---

Two conference switchings can be made at the same time on one base.


### Setting up a conference call

You are making an enquiry call. The first party is on hold.

Press the display key **CONF.** to establish conference switching.

### Ending a conference call



There are many ways to end a conference call:

<b>either ...</b>	<b>You end the conference call:</b>
	Hold down (return to idle status).
<b>or ...</b>	<b>You change the conference call to an enquiry call:</b>
<b>INDIV.</b>	Press the display key to change the conference switching to an enquiry call (page 27 or page 28). The connection that was active right before establishing the conference call is made active again.

### Forwarding an incoming call – CD (Call Deflection)

CD enables an incoming call to be forwarded to any phone number while it is ringing, without having to answer the call.

You can pre-set a forwarding destination (page 125), dial a phone number from the directory or enter a new number.

	Open the menu.
 <b>Forward</b> <span style="margin-left: 50px;"><b>OK</b></span>	Select the menu item and confirm. The pre-set forwarding destination is dialled.

## Transferring calls


---

### Transferring a call externally – ECT (Explicit Call Transfer)

---

#### Prerequisites:

- ◆ The performance feature is supported by your network provider.
- ◆ Transferring a call is only possible if the ECT telephone exchange is also supported. If this is not the case, the external call is ended. There is no recall.
- ◆ To "hold" when making an enquiry call from an external call, **Ext. enq. call** must be set (page 129).


You are making an external call and would like to transfer this to another external party. Establish an external enquiry call (page 27) and press the end call key  (also before notifying), to transfer the call.

*i*

With some ISDN PABX systems, your two parties are not connected together when you press the end call key during a transfer. In this case you need to activate this function, see page 129.

### Transferring a call to another handset

---

You are making an **external** call and would like to transfer this to another handset. Establish an internal enquiry call (page 28) and press the end call key  (also before notifying), to transfer the call.



### Working with call waiting for an external call – CW (Call Waiting)

**Prerequisite:** CW (Call Waiting) set up, see page 128.

You hear the call waiting tone (short beep) if you receive an external call while conducting a call (internal or external). The caller's phone number or name will appear in the display if Calling Line Identification is enabled.

There are four ways to work with call waiting for an external call:

#### Accept call waiting – enquiry call:

Press the display key **ACCEPT**. You answer the call waiting call, and the first call is put on hold. Both parties are shown on the display, the current one is marked.



To toggle both parties see page 29, for conference switching see page 30.

#### Reject call waiting

Press the display key **REJECT** to reject a call on call waiting.




<b>i</b>	If you reject the call waiting tone on your handset, it can still be heard on other registered handsets.
----------	--

#### Changing parties

	End the current call. The call on call waiting will become a normal call.
	Press the talk key to answer the call.

#### Forward call waiting internally

You can forward the call waiting call internally without answering the call.

	Open the menu.
 <b>Forward</b> <b>OK</b>	Select the menu item and confirm.
 <b>Int.11</b> <b>OK</b>	Select and confirm the internal number you want, e.g., <b>Int.11</b> .
<b>either ...</b>	The call waiting tone ceases. The call on call waiting was successfully forwarded.
	Continue the active call.
<b>or ...</b>	You continue to hear the call waiting tone. The call on call waiting could not be forwarded.

<b>i</b>	Forwarding is only possible to internal parties who are not already being called.
----------	---

## Call hold

### Hold external party

You are conducting an external call.

Press the display key **INT**. The external party is on hold. The waiting external party hears the waiting melody (page 130), when the connection is on hold internally (page 129). You can initiate an internal enquiry call (page 28).





### Internal parties on hold

You are making an internal call.







Press the display key **CONSULT**. The internal party is on hold.

## Parking/continuing a call





You are making an external call and would like to transfer this to another telephone of your ISDN connection, for example.

		Open the menu.
	<b>Call park</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter a one or two digit park number and confirm. Wait for the positive response <b>Call parked</b> .
		Hold down (return to idle status).

### "De-parking" a call before talking

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Call preparat.</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Canc. call park</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter previously assigned park number and confirm.
		Press the talk key


### "De-parking" a call after talking


		Press the talk key
		Open the menu.
	<b>Canc. call park</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter previously assigned park number and confirm.

# Using the directory and other lists

## Directory and speed dial list

You can store up to 200 phone numbers in the directory and the speed dial list, depending on the size of individual entries, and on the number of entries in the speed dial list and in the email directory (page 44).





The **directory** makes dialling easier for you. You open the directory in idle status using the  key. You can store an anniversary/birthday for every directory entry and mark the entry as 'VIP'.

The **speed dial list** is a special directory, where you can store particularly important phone numbers such as private phone numbers, prefixes of network providers (called "Call-by-Call numbers"). You open the speed dial list using the  key.








You create the directory, email directory, and speed dial list for your individual handset. You can send the lists/individual entries to the other handsets if you want them to be available at other handsets as well (page 40).

The speed dial list is used the same way as the directory, except for the way in which entries are stored.


*i*

- ◆ The **EATONI** predictive text helps you input names (page 155, this feature is deactivated when you purchase your phone).
- ◆ Please refer to the **Character Set Chart** (page 153) to see how to enter text correctly.
- ◆ You can enter up to 32 digits for a number and up to 16 letters for a name.
- ◆ When entering a number you can insert the required pause with ,  **Insert Pause**  or by pressing  for about 2 seconds.






## Storing a phone number in the directory

		Open the directory.
<b>New Entry</b>	<b>OK</b>	Confirm.
		<b>Create an entry</b>
		Enter the phone number.
		Scroll to the next line and enter the name.
<b>either ...</b>		<b>Save the entry:</b>
		Press the display key to open the menu.
<b>Save</b>	<b>OK</b>	Confirm. The entry is stored.
<b>or ...</b>		<b>Before saving, enter the anniversary:</b>
		Scroll to the <b>Annivers.:</b> line to enter the anniversary if necessary, as is described on page 41. <b>Now:</b>
<b>Save</b>		Press the display key to save the setting.
<b>... then</b>		
		<b>Hold down</b> (return to idle status).

## Storing a phone number in the speed dial list

You can assign one of the digits 0, 2–9 to **up to nine** entries on your speed dial list. Already assigned digits are no longer offered. When you press and hold one of these digits with the handset in the idle status, then press the Talk key , the phone number assigned to that digit is dialled immediately.

The maximum number of entries in the speed dial list is dependent on the number of entries in the directory and in the email address directory.

		Open the speed dial list.
<b>New Entry</b>	<b>OK</b>	Confirm.
		<b>Create an entry:</b>
		Enter the phone number.
		Scroll to the line <b>PublicKey:</b> and enter the name.
<b>either ...</b>		<b>Store a phone number:</b>
		Press the display key to open the menu.
<b>Save</b>	<b>OK</b>	Confirm. The entry is stored.
<b>or ...</b>		<b>Store a speed dial digit:</b>

## Using the directory and other lists

	Scroll to the <b>Enter key:</b> line and select a digit (0, 2–9) for this phone number.
<b>Save</b>	Press the display key to save the setting.
... then	
	<b>Hold</b> down (return to idle status).

<b>i</b>	<ul style="list-style-type: none"> <li>◆ Already assigned speed dial digits are no longer offered.</li> <li>◆ Sorting order: entries with speed dial digits are at the beginning of the list.</li> </ul>
----------	--

### Dialling with the directory/speed dial list

or	Open the directory or speed dial list.
<b>either ...</b>	<b>Scroll to the entry:</b>
	Select entry.
	Press the talk key The number is dialled.
<b>or ...</b>	<b>Enter the first letter:</b>
	Enter the first letter of the name you want, such as "N".
	You can also enter the next few letters. In line <b>directly over the display keys</b> (input field) is an "N". Enter the 2nd letter, e.g., "i". The name having this letter combination comes next and appears. In the input field is now "Ni". Enter letters (max. 10) until the name you are looking for appears.
	Press the talk key. The number is dialled.

### Defining the MSN for the next call

You can select a valid outgoing MSN only for this call even when dialling from the directory. **Prerequisite: MSN next call** must be activated (page 119). Select an entry and open the submenu with . Using **Dial number** the list of MSNs is displayed.

### Displaying an entry from the directory/ speed dial list and editing it

or	Open the directory or speed dial list.
<b>View</b>	Select the entry and press the display key.
<b>Edit</b>	Press the display key to initiate changes.

Proceed as described on page 35 (directory) or page 35 (speed dial list) under "Create entry".

## Copying and changing a directory entry


So that you do not have to enter a similar entry twice, you can create a copy and then edit that entry.

		Open the directory.
		Select an entry and open the menu.
	<b>Copy and Edit</b>	Select the menu item and confirm.
		Change the phone number.
		Scroll to the next line and change the name.
	<b>either ...</b>	<b>Save the changes:</b>
		Press the display key to open the menu.
	<b>Save</b>	Confirm. The entry is stored.
	<b>or ...</b>	<b>Before saving, change the anniversary:</b>
	<b>Edit</b>	Scroll to the <b>Annivers.:</b> line and press the display key.
		Change the anniversary (page 41) and confirm.
	<b>Save</b>	Press the display key to save the entry.
	<b>... then</b>	
	<b>Yes</b>	If you do not change the phone number, you will see a message telling you that the phone number already exists. Press the display key to confirm the prompt.
		Press key (return to idle status).









<b>i</b>	Voice pattern and VIP settings are not copied.
----------	--

## Using the directory and other lists










### Marking a directory entry as VIP

You can mark directory entries of callers who are particularly important to you as 'VIP' (Very Important Person) using the  key. You can also assign a particular melody to VIP numbers, so you can tell who is calling by their ringer. The VIP melody sounds **after** the first ring tone.

**Prerequisite:** The phone number of the caller is transferred (page 21).










	Open the directory.
 	Select an entry and open the menu.
<b>VIP Entry</b> 	Select the menu item and confirm.
	In the <b>VIP:</b> line, activate the function.
 	Move one line down. The current melody rings, their digit is at the end of the line. Select a melody (1-10).
<b>Save</b>	Press the display key to save the setting.
	<b>Hold</b> down (return to idle status).

### Deleting a single entry or directory/speed dial list

 or 	Open the directory or speed dial list.
 	Select an entry and open the menu.
<b>either ...</b>	<b>Delete a single entry:</b>
 <b>Delete Entry</b> 	Select the menu item and confirm.
<b>or ...</b>	<b>Delete the entire directory/speed dial list:</b>
 <b>Delete Calls List</b> 	Select the menu item and confirm.
<b>Yes</b>	Press the display key to confirm the prompt.
	<b>Hold</b> down (return to idle status).

## Adding a displayed phone number to the directory

When a phone number appears in the display (CLIP) you can add it to your directory. This can be done while dialling from the last number redial list, from the calls list/answering machine list (on SX150isdn) or during a call.









		Open the menu.
 <b>Copy to Directory</b> 		Select the menu item and confirm.
 		If you do not have a CNIP, scroll to the name line and enter the name.
<b>either ...</b>		Save entry
		Press the display key to open the menu.
<b>Save Entry</b> 		Confirm. The entry is stored.
<b>or ...</b>		<b>Enter the anniversary</b>
		Scroll to the <b>Annivers.:</b> line to enter the anniversary if necessary, as is described on page 41. <b>Now:</b>
		Press the display key to save the entry.

<b>i</b>	If you have CNIP (page 21) as well as CLIP, then the name that goes with the phone number will also be displayed (up to 16 characters long).
----------	--

## Adding a phone number from the directory

If you are prompted to enter an external phone number while you are operating your telephone, you can use the directory of your handset to do this.

**Prerequisite:** The input field for external phone numbers is displayed.

<b>either ...</b>		
		Press the display key to open the menu.
 <b>Directory</b> 		Select the menu item and confirm.
 		Select the entry and confirm.
<b>or ...</b>		
		Open the directory.
 		Select the entry and confirm.











The phone number of the entry is added to the entry field.



## Using the directory and other lists

### Sending a single entry or complete list to a handset

You can send single entries or the complete list to another handset that is registered on the same base. This avoids entering information twice. VIP settings, stored voice patterns and speed dial digits are not sent.

 or 	Open the directory or speed dial list.
 	Select an entry and open the menu.
<b>either ...</b>	<b>Send a single entry:</b>
 <b>Copy Entry</b> 	Select the menu item and confirm.
<b>or ...</b>	<b>Send complete list:</b>
 <b>Copy List</b> 	Select the menu item and confirm.
<b>... then</b>	
 	Enter the internal number of the receiving handset and confirm. Sending is initiated.

After an entry has been sent you are asked if you want to send another entry. If you confirm with the display key **Yes** you can select more entries to send; once you have finished sending, press the display key **No** to end it.

The successful transfer of data is confirmed with a message and with the confirmation tone at the receiving handset. Existing entries in the receiving handset are retained.







Entries with identical numbers are not overwritten. The number of entries that are stored in the receiving handset may therefore differ from the number of entries that you have sent to it.

The transfer is cancelled if the phone rings or if the memory of the receiving handset is full. The last entry to be transferred appears in the display.

## Saving an anniversary to a phone number

You can save anniversaries, such as a birthday in the directory and be reminded of this (reminder call). So that the anniversary can be signalled with a ringer melody, you must enter a time.

**Prerequisite:** You have opened a directory entry (page 35).

 <b>Edit</b>	Scroll to the <b>Annivers.:</b> line and press the display key.
	In the <b>Date:</b> line, enter the day/month (4-digit).
 	Scroll to the <b>Time:</b> line and enter the hour/minute (4-digit) when the signalling (reminder) should take place.
 	Scroll to the <b>Prompt:</b> line and select a signal (melody 1–10 or "visual").
<b>OK</b>	Confirm. The directory entry is displayed again. Now save the entry as described on page 35.

To delete an anniversary, press the display key **Edit** in the **field for the anniversary** in the directory entry, then when the display changes press the display key **Delete** and finally after another display change press **Save**.

### Anniversary reminder call


The handset signals a reminder call with the selected ringer melody. The display shows the directory entry with 🍰 🍰 🍰.

<b>either ...</b>	<b>Switch off the reminder call ahead of time:</b>
<b>Silence</b>	Press the display key.
<b>or ...</b>	<b>Answer with an SMS:</b>
<b>SMS</b>	Press the display key. You are immediately in the SMS menu.

### Voice-activated dialling

With voice-activated dialling, you can dial a phone number by simply speaking the name of the party in your handset you wish to call. First you have to create a directory entry and say the name one time for this entry, i.e., a voice pattern of the name must be stored in your handset.





The voice patterns are saved in voice directories. You can create up to four different, user-specific voice directories. They are named by factory default, User 1 to User 4. Each user must say his own voice pattern and store this in his voice directory.

The voice directory contains all directory entries. Entries which already have a voice pattern saved for the set user are marked with a .


You can save up to 29 voice patterns, distributed among users.

### Recording a voice pattern for an existing directory entry


Record your voice pattern in quiet surroundings.

	<b>Step 1: Open the directory for voice-activated dialling:</b>
	Open the directory.
 <b>Voice</b>	Select the entry and press the display key.
 <b>User 2</b> <b>OK</b>	Select and confirm, e.g. <b>User 2</b> .
	<b>Step 2: Begin recording:</b>
<b>record.</b>	Press the display key.
<b>OK</b>	Confirm the display prompt. Speak the name when prompted to do so by the display. Repeat <b>the name</b> when prompted again to do so. Your recording is stored automatically.
	<b>Hold</b> down (return to idle status).

To **change** the voice pattern, you must delete it (page 43) and record it again.

<i>i</i>	<ul style="list-style-type: none"><li>◆ If your two recordings are <b>too different from each other</b>, you will be prompted to repeat them.</li><li>◆ A message tells you if your speech pattern is <b>too much like</b> another user's. Close this message with , go back to the start of the voice pattern recording sequence and repeat the recording.</li></ul>
----------	--

### Using voice-activated dialling







	<b>Hold</b> down.
---	-------------------

The display prompts you to speak. Speak the voice pattern, e.g. **Anna**. If the name matches the recorded voice pattern, it is repeated. The phone number is dialled.

## Announcing the caller's name




When you receive an external call, you hear the ringer and the telephone announces the caller's name. **Prerequisite:** Calling Line Identification is active (page 21) and you have recorded a voice pattern for the incoming number (page 42).

### Activating/deactivating the name announcement

		Open the menu.
 <b>Audio Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Ringer Settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>Ext. Calls</b>	<b>OK</b>	Confirm. You hear the current volume.
 		Scroll to the <b>Announce</b> line and activate/deactivate the name announcement.
<b>Save</b>		Press the display key to save the setting.
		<b>Hold</b> down (return to idle status).

### Playing the voice pattern







Open the directory for voice-activated dialling (see **Step 1**, page 42). **Now:**

		Select the marked entry with  .
<b>Play</b>		Press the display key.
		<b>Hold</b> down (return to idle status).

### Deleting the voice pattern

You can delete a particular user's voice pattern for an entry. This does not affect the voice patterns of the other users.

Open the directory for voice-activated dialling (see **Step 1**, page 42). **Now:**






 		Select an entry (marked with  ) and open the menu.
 <b>Delete Name</b>	<b>OK</b>	Select the menu item and confirm. The entry is displayed without  .
		<b>Hold</b> down (return to idle status).

<b>i</b>	Deleting a voice pattern for an entry does not affect its number or name – they are retained. The voice patterns of other users for the same entry are also unaffected.
----------	---

## Using the directory and other lists

### Changing a user name










You can change the user names (**User 1** to **User 4**).

		Open the directory.
 <b>Voice</b>		Select an entry and press the display key.
 <b>User 2</b>	<b>OK</b>	Select the user and confirm, e.g., <b>User 2</b> .
<b>Edit</b>		Press the display key to initiate changes.
 <b>Save</b>		Enter the new name and save.
		<b>Hold</b> down (return to idle status).

### Email directory





You store email addresses in the email directory you need for sending SMS to email addresses, for example. You can store a total of 200 entries in the email directory, in the directory and in the speed dial list.

### Saving a new email address

		<b>Step 1: Open the email directory:</b>
		Open the directory.
 <b>Deleting</b>	<b>OK</b>	Select the menu item and confirm.
		<b>Step 2: Create an entry:</b>
<b>New Entry</b>	<b>OK</b>	Confirm.
		Enter the address (for text input see page 153).
		<b>During entry ...</b>
		Press the display key to open the menu.
<b>either ...</b>		<b>Insert a period:</b>
 <b>Insert '.'</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>Insert an @:</b>
 <b>Insert '@'</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>Activate/deactivate predictive text (page 155):</b>
 <b>Predictive Text</b>	<b>OK</b>	Select the menu item and confirm.
<b>... then</b>		Save email address
		Press the display key to open the menu.
<b>Save Entry</b>	<b>OK</b>	Confirm. The entry is saved.
		<b>Hold</b> down (return to idle status).







## Viewing and changing an email address

**Prerequisite:**The email directory has been opened (step 1 page 44).

 <b>View</b>	Select the entry and press the display key. The number is displayed.
	<b>Changing an entry:</b>
<b>Edit</b>	Press the display key.
	Edit the address.
	Press the display key to open the menu.
<b>Save Entry</b> <b>OK</b>	Confirm. The entry is saved.
	<b>Hold</b> down (return to idle status).




## Deleting or copying an email address

**Prerequisite:**You have opened an email directory.

	Select an entry and open the menu.
<b>either ...</b>	<b>Delete the email address:</b>
 <b>Delete Entry</b> <b>OK</b>	Select the menu item and confirm.
<b>or ...</b>	<b>Copy the email address:</b>
 <b>Copy and Edit</b> <b>OK</b>	Select the menu item and confirm.
	Change the address as required.
	Press the display key to open the menu.
<b>Save Entry</b> <b>OK</b>	Confirm. The entry is saved.
<b>... then</b>	
	<b>Hold</b> down (return to idle status).







## Deleting the entire email directory

**Prerequisite:**You have opened an email directory.

	Select any entry and open the menu.
 <b>Delete List</b> <b>OK</b>	Select the menu item and confirm.
	<b>Hold</b> down (return to idle status).

### Display available memory




The memory space is divided up between the directory, the speed dial list (page 34) and the email directory (page 44). The available memory of all these lists is displayed.





	Open the directory.
 	Select any entry and open the menu.
 <b>Available Memory</b> 	Select the menu item and confirm.
	<b>Hold</b> down (return to idle status).

### Last number redial list



The last number redial list contains the ten last dialled numbers on your handset. If names have been saved for these numbers in the directory, then these names will be displayed. Only the newest entry of multiple identical entries is displayed. If the last number redial list is full, the oldest entry is deleted with the next call. You can use the last number redial list to redial the phone numbers.

### Manual last number redial


	Open the last number redial list.
 	Select the entry and press the talk key. The phone number is dialled.

<i>i</i>	<ul style="list-style-type: none"><li>◆ To add or change the phone number, press ,  <b>Display Number</b> .</li><li>◆ When displaying a name, you can have the respective phone number displayed by using the display key .</li><li>◆ You can add the phone numbers to your directory from the last number redial list (page 39).</li></ul>
----------	---

### Defining the MSN for the next call





You can select a valid outgoing MSN only for this call even when dialling from the last number redial list. **Prerequisite: MSN next call** must be activated (page 119). Select an entry and open with  the submenu. Using **Dial number**, the list  of MSNs is displayed.

## Automatic redial

With this function the phone number of a party you haven't yet reached is automatically dialled every 20 seconds. The handsfree key flashes and "open listening" is activated. If the party answers, press the talk key . "Open listening" remains activated. If the party does not answer, the call is cancelled after approx. 30 seconds. The function becomes deactivated after twelve unsuccessful dialling attempts.

### Prerequisites:









- ◆ The party cannot be reached.
- ◆ To be able to use automatic redial from the last number redial list, **MSN next call** must be deactivated for the handset (page 119).

	Press the end call key.
	Open the last number redial list. The party who could not be reached is selected.
	Open the menu.
<b>Automatic Redial</b> 	Confirm.

To cancel automatic redial, press the display key **CANCEL** or any key.


<i><b>i</b></i>	A call in the meantime deactivates the automatic redial. You must activate it again afterwards.
-----------------	---

## Deleting a single phone number or the entire last number redial list

	Open the last number redial list.
 	Select an entry and open the menu.
<b>either ...</b>	<b>Delete a single phone number:</b>
 <b>Delete Entry</b> 	Select the menu item and confirm.
	<b>Hold</b> down (return to idle status).
<b>or ...</b>	<b>Delete the entire last number redial list:</b>
 <b>Delete Calls List</b> 	Select the menu item and confirm.




### Opening lists with the Message key




You can use the Message key  to open the following lists if there is a new entry there:


1. SMS incoming message list **Textmessage(SMS)** (page 66),
2. List of missed calls **Missed calls** (page 48)
3. Answering machine lists **AM1** , **AM2** , **AM3** (to SX150isdn base, page 80)

In the lists, the calls, messages and SMS are displayed which belong to the incoming MSN assigned to the handset.

As soon as a **new entry** (calls, messages on an integrated answering machine and/or SMS) were received in one or more lists, the key  **flashes** and an advisory tone is heard.

**If the flashing key  is pressed, the following is displayed:**

- ◆ If only one list has new entries, you will see the first new entry in that list.  
Open entry:  (select entry) **OK**
- ◆ If several lists have new entries, those lists are offered for your selection. Open entry:  (select list) **OK**,  (select entry) **OK**

**If the key  is pressed, and it is not blinking, the following is displayed:**

The message **No new messages** is displayed. Then the list of missed calls are opened.

### Calls lists

There are two calls lists:

- ◆ the list of **missed** calls  
You receive all calls that were not answered, were rejected as well as all calls answered by an answering machine, for which there are no messages present.
- ◆ the list of **answered** calls  
It contains all calls answered by a handset or by an answering machine.



In these lists, the calls to an incoming MSN which are assigned to the handset are displayed. The phone numbers of the last 20 calls are saved. The oldest entry is deleted when the calls list is full and new entries are added. The newest entry is at the beginning of the list, and the oldest is at the end.








A caller is entered in the appropriate calls list at the end of the call. If his phone number is transferred and this phone number is entered in the directory, his name is inserted. Only the newest entry of multiple identical entries is displayed in both lists. If an outgoing connection with a caller is established who is entered in the list of missed calls, this entry is transferred to the last number redial list and removed from the list of missed calls.

The following is displayed for each entry:

- ◆ the number of calls for this caller,
- ◆ the phone number of the caller or his name (if it exists as a directory entry) or **unknown**, if the phone number was not transferred,
- ◆ the incoming MSN
- ◆ the date and time of the last call

## Opening calls lists

You can open both calls lists using the menu. The list of missed calls can also be opened using the  key, if it is a new entry (page 48). New entries in the list of missed calls are signalled by the  key flashing and by a confirmation tone.





		Open the menu.
	<b>Base Settings</b> 	Select the menu item and confirm.
	<b>either ...</b>	
	<b>Accepted calls</b> 	Select the menu item and confirm.
	<b>or ...</b>	
	<b>Missed calls</b> 	Press.

<b>i</b>	If the calls list is already open by another internal party, you cannot open it.
----------	--

## Calling back a caller

**Prerequisite:** The caller's number has been identified (page 21).

Open the list of missed or answered calls (page 49). **Now:**




		Select entry.
	<b>either ...</b>	
		Press the talk key
	<b>or ...</b>	
		Open the menu.
	<b>Dial number</b> 	Select.

The ringback is initiated immediately. The phone number is deleted from the calls list and entered in the last number redial list.

<b>i</b>	For PABX: The access code (outside line code) is automatically put before the phone numbers (page 144).
----------	---



## Defining the MSN for the next call

Even when dialling from the directory, you can

- ◆ put the area code of the network provider before the phone number (page 51).  
Select an entry and open with  the submenu. Using  **NET list**  the network provider list is displayed.

- ◆ select a valid outgoing MSN only for this call.





**Prerequisite: MSN next call** must be activated (page 119).

Select an entry and open with  the submenu. Using **Dial number**, the list  of MSNs is displayed.

## Using the directory and other lists








### Displaying the entry

Open the list of missed or answered calls (page 49). **Now:**

 	Select an entry and open the submenu.
 <b>Display entry</b> 	Select the menu item and confirm.










### Changing the phone number of the caller

Open the list of missed or answered calls (page 49). **Now:**

 	Select an entry and open the submenu.
 <b>Change number</b> 	Select the menu item and confirm. You will now see the number.
	Change the number.
	Press the display key to open the submenu.
<b>Delete entry</b> 	Confirm.










### Adding an entry from the calls list to the directory

Open the list of missed or answered calls (page 49). **Now:**

 	Select an entry and open the submenu.
 <b>Copy to dir.</b> 	Select the menu item and confirm.
 	Scroll to the line <b>Name</b> and enter the name (for text entry see page 153).
	Press the display key to open the menu.
<b>Save Entry</b> 	Confirm. The entry is saved.
	<b>Hold</b> down (return to idle status).


### Deleting an entry from the calls list

Open the list of missed or answered calls (page 49). **Now:**

<b>either ...</b>	<b>Delete the entry:</b>
 	Select an entry and open the submenu.
 <b>Delete entry</b> 	Select the menu item and confirm. The entry is deleted.
<b>or ...</b>	<b>Delete the calls list:</b>
	Open the submenu.
 <b>Delete list</b> 	Select the menu item and confirm.
	Confirm the prompt.
	Return to idle status.









## Making cost-effective calls

Sign up with a network provider who offers particularly low-cost call rates (call-by-call) or view the call charges on the handset. You can use the speed dial list to manage your call-by-call numbers.

<i>i</i>	You manage entries in the speed dial list in the same way as entries in the directory by opening the speed dial list with the  key instead of the directory. You will find instructions on storing, editing and deleting entries starting on page 34.
----------	--

### Linking a call-by-call number with a phone number

You can use this function to put a network provider prefix in front of the phone number ("linking").

	Open the network access list.
	Select the entry and press the display key.
<b>Display Number</b> 	Confirm.
<b>either ...</b>	<b>Enter the phone number:</b>
	Enter the phone number.
<b>or ...</b>	<b>Select a number from the directory:</b>
  	Open the directory, select the entry, and confirm.
<b>... then</b>	
	Press the talk key The number is dialled.

### Displaying the call duration

When you are called, the call duration is automatically displayed in the display.

When you call someone, the call duration is displayed only until the display of the call charges is established.

When the call is ended, the call duration display stops. It remains for approximately 3 seconds before the handset goes into idle status.

### Displaying call charges

You can display the charges if you have requested this from your network provider. You can check the ongoing units /total charges and the charges of the last call made (depending on setting, see page 54) on each Comfort handset. The total charges includes the charges accrued by this handset. If you don't receive any rate information from your network provider, the call duration is displayed.






### Setting up the charge calculation

Ask your network provider if the call charges are transferred as a rate unit or as an amount. Set the account type **Units cent.off.** or **Costs cent.off.** accordingly.

If you have selected **Costs cent.off.**, but only units are transmitted by the network provider, after the call, it will automatically switch to **Units cent.off.**

By factory default, **Units cent.off.** is pre-set.

### Setting the account type

		Open the menu.
	<b>Call Charges</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Type of calcul.</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>either ...</b>	<b>Set Costs cent.off.:</b>
	<b>Costs cent.off.</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).
	<b>or ...</b>	<b>Set Units cent.off.:</b>
	<b>Units cent.off.</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).










*i*

If you have also entered a factor (see section "Entering the price per unit", below), the call charges are multiplied by this. You can also use a factor if you want to charge higher call charges (charges should be increased by a factor of 2); otherwise switch off Factor.

The **No rate** pre-set will display units.

## Entering the price per unit







In order for the invoice type **Units cent.off.** to be able to calculate charges, you must define the currency and the price per unit (by factory default: **No rate**). For this charge calculation, **Units cent.off.** must be set (factory default).

		Open the menu.
 <b>Call Charges</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Type of calcul.</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
either ...		
 <b>Rate --,--</b>	<input type="button" value="OK"/>	Select the factor with a comma, and confirm.
or ...		
 <b>Rate ----</b>	<input type="button" value="OK"/>	Select the factor without a comma, and confirm.
... then		
		Enter the factor (4-digit), e.g.. 0019 for 0.19 Euro
		<b>If necessary, enter the currency (Factory default: EUR):</b>
		Press the display key to open the submenu.
	<input type="button" value="OK"/>	Select the currency (€, \$, £) and confirm.
		<b>Saving the factor:</b>
		Press the display key to open the submenu.
<b>Save entry</b>	<input type="button" value="OK"/>	Confirm.

## Making cost-effective calls

### Displaying and deleting the cost overview

Depending on the setting, call or charge units for each internal party, for each set-up MSN, and for the entire system are displayed.





		Open the menu.
 <b>Call Charges</b>	<b>OK</b>	Select the menu item and confirm.
<b>Cost overview</b>	<b>OK</b>	Confirm. The total amount (for all internal parties) is displayed.
		Scroll to the accounts of the individual internal parties or set-up MSNs.
		<b>If necessary, delete the amount from the cost overview:</b>
		Scroll to the required cost overview (total amount, account of an internal party or an MSN).
		Press the display key to open the submenu.
 <b>Delete amount</b>	<b>OK</b>	Select the menu item and confirm.


<b>i</b>	Total and individual charges must be deleted separately. I.e., if you delete the amount of an MSN, the individual charges of the handsets are retained, and must be deleted separately.
----------	---

### Activating/deactivating the charges of the last call

You can display the total charges and the charges of the last call for this handset on the handset.

By factory default, **Last charge** is deactivated.

		Open the menu.
 <b>Call Charges</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Last charge</b>	<b>OK</b>	Select the menu item and confirm (✓ = activated).
		Press the end call key.

After activating the function, the call charges are displayed on the handset when you press the talk key . If the connection was not successful, the charges are displayed after ending the call.

## SMS (text messages)

You can send and receive SMS text messages (**Short Message Service**) with your handset. You can send a text message to each connection in the fixed network and in the mobile phone network. Your SMS can be received as a text message on SMS-capable devices (cell phone, PC, other telephone). If the receiver of your SMS does not have an SMS-capable device, the SMS will be read to him/her.

You can write, edit, read, delete or forward text messages from any registered SMS-capable handset that is assigned the same incoming MSN. When several handsets with the same incoming MSN are in use at any one time, only **one handset** can access the SMS function.

### General

Text messages are exchanged between SMS centres that are operated by service providers. The phone number of the SMS centres through which you wish to send and receive text messages must be entered in your phone (page 57). Up to ten SMS centres can be entered. You can change the phone numbers of the SMS centres.

You can receive text messages using **any** of the SMS centres whose number you have entered. Of course you must be registered to receive text messages with those SMS centres (page 59).

Your text message is sent through the SMS centre that is activated as the active send service centre.

### Before you can send and receive text messages

- ◆ Calling Line Identification must not be deactivated permanently for the MSN used (page 22).
- ◆ To receive text messages you must be registered with your service provider (page 59).
- ◆ The handset must have **Unrestricted** authorisation for sending SMS. However, to receive an SMS, the **Incoming only** authorisation is sufficient.
- ◆ The phone numbers of the SMS centres entered must not be blocked from the network provider.

If the telephone of a receiver cannot receive an SMS in the fixed network, the SMS is automatically read as a voice message. These text messages are delivered directly as a telephone call between 7.00 and 22.00. Text messages that arrive after 22.00 are saved and are delivered the next day.

If you have a Preselection agreement with a network provider, find out from them if they support the performance feature "SMS in the fixed network". (Preselection is a contractual obligation to a specific network provider.)

In Switzerland, the SMS function is not supported in the ISDN network.



## SMS (text messages)

### Ask your service provider,

- ◆ what charges are billed for sending and receiving a text message,
- ◆ which mobile phone operators you can send text messages to and which mobile phone operators you can receive text messages from,
- ◆ which functions your SMS service offers,
- ◆ how you are registered with SMS centres for which your phone may already be pre-configured – automatically by sending a message or by a special registration procedure.

## Managing SMS Service Centres

---

Text messages are exchanged via SMS centres. To send and receive a text message, you need the phone number of the SMS centre of your service provider. You must save this phone number in your telephone.

Up to ten SMS centres can be entered in your telephone.

### **Sending an SMS – Active send service centre**

The phone number of the SMS centre you would like to use to send the SMS must be entered in your telephone and activated as a "active send service center" (page 57 and page 58). This phone number will be used to send all text messages.

You can activate another SMS centre as the active send service centre. The previously activated active send service centre is then deactivated automatically.











### **Receiving an SMS**

Text messages can be received via all SMS centres entered, assuming you are registered with these SMS centres as an SMS recipient (for information about registering, see page 59).

## Entering, changing, or deleting phone numbers of SMS centres

You can enter up to ten SMS centres.









Please familiarise yourself with the features and services of the SMS service provider before entering information or making changes.

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Service centres</b>	<input type="button" value="OK"/>	Select the menu item and confirm. The phone number list appears.
		Select an entry, e.g., <b>&lt;empty&gt;</b> .
		Open the submenu.
<b>either ...</b>		<b>Change an entry:</b>
<b>Edit entry</b>	<input type="button" value="OK"/>	Confirm.
		Enter the phone number of the SMS centre.
		Press the display key to open the submenu.
<b>Save entry</b>	<input type="button" value="OK"/>	Confirm.
<b>or ...</b>		<b>Delete an entry:</b>
 <b>Delete entry</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
		Return to idle status.

<b><i>i</i></b>	<ul style="list-style-type: none"> <li>◆ If you delete the phone number of the active send service centre, you must activate another SMS centre as the active send service centre, to be able to continue to send text messages.</li> <li>◆ If your phone is connected to a PABX, you must prefix the phone number, and if necessary, the access code (outside line code = digit needed to use an exchange line, typically "0") (this depends on your PABX) see page 73.</li> </ul>
-----------------	---

## Activating/deactivating an SMS active send service centre

To send an SMS, the phone number of the desired SMS centre must be activated as active send service centre. This is how you decide which SMS centre will be used to send the SMS. Text messages can be received via all SMS centres entered, as long as you have previously been through the registration procedure (see the next chapter) as an SMS-capable connection.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Service centres</b> <input type="button" value="OK"/>	Select the menu item and confirm. The phone number list is displayed.
		Select the required phone number.
		Open the submenu.
<b>either ...</b>		<b>Activate the SMS centre as the active send service centre:</b>
	<b>Serv. centre on?</b> <input type="button" value="OK"/>	Select the menu item and confirm. The display changes to <b>Serv. centre off?</b> The SMS centre is activated as the active send service centre. The phone number of the SMS centre is marked with a ✓ in the list. The previous active send service centre is deactivated automatically.
<b>or ...</b>		<b>Deactivate an SMS centre:</b>
	<b>Serv. centre off?</b> <input type="button" value="OK"/>	Select the menu item and confirm. The SMS centre is deactivated.

<i><b>i</b></i>	<ul style="list-style-type: none"> <li>◆ When opening the phone number list Service centres the display changes directly to the active send service centre.</li> <li>◆ If you have not activated an SMS active send service centre, you cannot send an SMS, but you can receive an SMS from all entered SMS centres.</li> </ul>
-----------------	---

## Registering/deregistering with an SMS centre

To be able to receive an SMS using your telephone, you must first register your phone number with an SMS service provider. Refer to the individual service provider for the information they require to register and de-register.

The phone number of the SMS centre must be entered and activated as the active send service centre in order to register with them.



After you have registered, don't forget to activate the SMS centre as the active send service centre.

<i>i</i>	When registering note that the phone number (MSN) set up as the outgoing MSN which will be registered, is the one assigned to the handset (page 119) with which you send the SMS. If you want to send and received text messages via other handsets using other outgoing MSNs, these phone numbers must also be registered.
----------	---

## Memory

The number of text messages that can be stored in the base depends on the size of the messages (approximately 11 SMS, each having 160 characters). The memory is used for incoming and outgoing message lists. If the memory is full, the message "Text list full! Please delete entries" is displayed. Delete messages you no longer require from the incoming and outgoing message list.

You can find out the available memory of your SMS memory (in %).

	Open the menu.
<b>SMS</b> <b>OK</b>	Confirm.
 <b>Available memory</b> <b>OK</b>	Select the menu item and confirm. The available memory will be displayed (in %).

## Sending an SMS and outgoing message list

### Information about writing and sending an SMS

If you are interrupted when writing an SMS (by a call, an incoming SMS, or the handset changes to idle status because the waiting time was exceeded), the SMS is saved automatically in the **outgoing message list**. You can continue to write the SMS later (page 62).

Text messages that **cannot** be sent are assigned an error status (page 73) and are placed in the **incoming message list**.





Text messages are only stored automatically if sending is interrupted. If you wish to store a message then you must do so **before it is sent**.

*i*





Remember that some **service providers** will bill you for a cancelled call to the SMS centre.

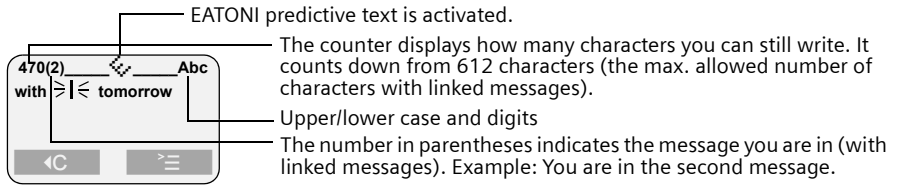
### Writing text messages

A **single** text message can be up to 160 characters long. If your text is longer, it will be sent **automatically** as a **linked** message. Up to four messages with 153 characters each can be linked. This means that you can enter up to 612 characters. But remember that linking is more expensive.





When you have opened the input field for the text message, press the display key . From the menu, select **Select Language** and then press  to confirm your choice. Afterwards, select an input language and confirm this with  and then press the end call key  quickly twice, to return to the input field. The setting of the input language only applies to the current text message.



**You write a text message like this:**

		Open the menu.
<b>SMS</b>		Confirm.
<b>Write message</b>		Confirm. The input field opens.
		Input your text (for text input see page 153).






### Predictive text

The **EATONI** (page 155) predictive text feature helps you write your message. The  icon tells you if EATONI is activated (the default setting is: on). You can deactivate EATONI anytime using ,  **Predictive Text** .

<i>i</i>	<ul style="list-style-type: none"> <li>◆ Please refer to the <b>Character Set Chart</b> (page 153) to see how to enter text correctly.</li> <li>◆ Use  to insert a space, and  to toggle between upper case, lower case and digits (page 153).</li> <li>◆ You can find out how to correct text on page 13.</li> <li>◆ If you receive a text message that is incomplete (e.g. because your phone's memory is full), you will see a message.</li> </ul>
----------	---

### Saving text messages










**Prerequisite:** You have written a text message (page 60) and the input field is open.


	Press the display key to open the submenu.
 <b>Save Entry</b> 	Select the menu item and confirm. You can now send the message (page 62).

The message is stored in the **outgoing message list**. It can be retrieved and sent at a later time (page 62).

## Sending a text message without saving it

**Prerequisite:** You have written a text message (page 60) and the input field is open.

	Press the display key to open the menu.
<b>Send</b> 	Confirm.
<b>either ...</b>	
	Enter the recipient's phone number (with prefix). 
<b>or ...</b>	<b>Select a phone number from the directory:</b>
	Open the directory.
 	Select the entry and confirm. The phone number appears in the display.
<b>... then</b>	
	Press the display key to open the submenu.
<b>Send</b> 	Confirm.

	The recipient's phone number must always include the <b>area code</b> (prefix), even if you are in that area.
---	---

### Examples of phone number inputs:

- 08912345678**                      A national phone number within the fixed network
- 017x1234567**                    A phone number within the mobile phone network




### Opening the outgoing message list

The **outgoing message list** shows you:

- ◆ Text messages which you saved **before you sent them** (page 61),
- ◆ Text messages you could not send because, for example, you were interrupted by an incoming call while you were writing the message.

Only those SMS are displayed that are assigned the same outgoing MSN as the handset.





These messages are stored until you delete them.

		Open the menu.
<b>SMS</b>	<b>OK</b>	Confirm.
 <b>Outbox 4</b>	<b>OK</b>	<p>Select the menu item and confirm. The number indicates the number of saved text messages in the outgoing message list.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>Saved 2 / 4</p> <p>19.03.03</p> <p>09:45</p> </div> <p>The total number of SMS saved in the outgoing message list</p> <p>Number of the text message displayed</p> <p>Use  to scroll in the list.</p>

<b><i>i</i></b>	When the memory is full, you are prompted to delete messages (page 59).
-----------------	---

## Reading and deleting text messages in the outgoing message list




**Prerequisite:** You have opened the outgoing message list (page 62).

		Select SMS.
		Open the menu.
<b>either ...</b>		<b>Read SMS:</b>
<b>Read textmessage</b>	<b>OK</b>	Confirm. Use  to view the continuation of the text message in the display.
<b>or ...</b>		<b>Delete SMS:</b>
 <b>Delete textmess.</b>	<b>OK</b>	Select the menu item and confirm.

## Deleting the entire outgoing message list

This function deletes all the messages in the outgoing message list.



**Prerequisite:** You have opened the outgoing message list (page 62).

		Open the menu.
 <b>Delete list</b>	<b>OK</b>	Confirm.
<b>YES</b>		Press the display key to confirm the prompt.
		<b>Press</b> briefly (return to idle status).



### Sending or editing text messages in the outgoing message list

**Prerequisite:** You have opened a text message in the outgoing message list to read (page 63).

		Open the menu.
<b>either ...</b>		<b>Write and send a new text message :</b>
<b>Write Message</b>	<b>OK</b>	Confirm. The input field is opened (page 60). You can write a new SMS.
<b>or ...</b>		<b>Editing and sending a stored text message:</b>
 <b>Use Text</b>	<b>OK</b>	Select the menu item and confirm. The input field is opened with the contents of the stored text message. You can edit the text.

You can now send the message as described on page 62.








### Inserting pre-written text or an email address in an SMS

You can insert a text template or an emoticon anywhere in your SMS. The following are available on your telephone:

- ◆ 3 Text templates: **I am late, Let's meet, Congratulations**
- ◆ 8 Emoticons: **Happy :-), Sad :-), Wink ;-), Serious :-), Sarcastic :-), Laughing :-D, Surprised :-o, Crying :-{**

You can also insert an email address if it is stored in your email directory (page 44). Text templates, emoticons and email addresses are inserted wherever the cursor is.

**Precondition:** You are writing an SMS (page 60), and the input field is open.




		Press the display key to open the submenu.
<b>either ...</b>		<b>Inserting text templates:</b>
 <b>Insert Template</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Let's meet</b>	<b>OK</b>	Select a template and confirm, e.g. <b>Let's meet .</b>
<b>or ...</b>		<b>Inserting an emoticon:</b>
 <b>Insert Smiley</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Laughing :-D</b>	<b>OK</b>	Select the emoticon and confirm.
<b>or ...</b>		<b>Inserting an email address:</b>
 <b>Insert e-mail Adr.</b>	<b>OK</b>	Select the menu item and confirm. The email directory will be opened.
 <b>Anna@...</b>	<b>OK</b>	Select an address and confirm.


## Sending a text message to an email address

You can send a text message to an email address. To do this, you must write the email address of the recipient at the beginning of the SMS and send this SMS to the phone number of the e-mail service for your SMS active send service centre.

### Entering an email address at the beginning of the SMS





Enter the recipient's email address at the beginning of the text message. Separate the email address from the text of the message by a space or a colon (this depends on the provider). As long as the **text area is empty**, you can copy the email address from your email directory (page 44).

If the predictive text feature is **deactivated** enter the character "@" using the hash key  (press 2 x), the colon using the  key (press 8 x) and the space character using the  (press 1 x).





If predictive text is **on**, enter "@" by pressing the hash key  once long and once briefly.

Using ,  **Save Entry**  you can save temporarily.

**Prerequisite:** You are writing an SMS (page 60), and the input field is open.

either ...	<b>Copying an address from the email directory:</b>
	Press the display key. It is displayed as long as the input field is empty. The email directory will be opened (page 44).
 <b>Anna@...</b> 	Select an email address and confirm.
or ...	<b>Entering an email address manually:</b>
	Enter the full email address and end it with a space or a colon.


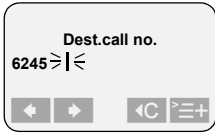


### Entering SMS text

	Enter the SMS text.  Email address, space, SMS text (example)
	Press the display key to open the menu.
<b>Send</b> 	Confirm.

## SMS (text messages)


### Sending SMS as an email

You must send the text messages to the **phone number of the email service of your active send service centre.**

	Enter the number of the email service. 
	Press the display key to open the menu.
<b>Send</b> 	Confirm.

## Receiving text messages and incoming message list

### Information about receiving an SMS

New SMS are signalled by a message in the display, by flashing of the message key  and by a confirmation tone for all handsets with the same incoming MSN. The date and time (transferred from the SMS centre) are indicated for each SMS received.

In the incoming message list only those SMS are listed which were sent to an incoming MSN and are assigned to your handset. If there were not any MSNs set up, then all SMS received are displayed on all handsets.

In the receiving list the new (unread) messages are before the old messages. New and old messages are sorted according to their time of arrival: oldest new message,..., newest message, oldest old message,..., newest old message.

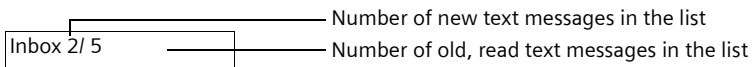
Linked text messages are displayed as **one** SMS. If an incoming linked message is too long or has not transferred completely, it will be split into individual messages and stored in the incoming message list.

### Opening the incoming message list

The **incoming message list** shows you:



- ◆ All received messages,
- ◆ Messages that could not be sent despite several attempts. These messages are all stored with an error status (page 73).

An example of the SMS list is displayed as follows:





## Opening with the message key

**Prerequisite:** There is at least one **new** text message in the list.

		Press the message key. If there are no new calls/messages in the other lists, then the first <b>new</b> SMS is opened. Otherwise:
 Inbox 2/ 5	<b>OK</b>	If necessary, select and confirm. The incoming message list is opened and the first <b>new</b> message is displayed.

## Opening with the menu

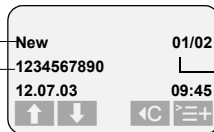
		Open the menu.
<b>SMS</b>	<b>OK</b>	Confirm.
 Inbox 2/ 5	<b>OK</b>	Select the menu item and confirm.

An example of a new text message is displayed as follows:

Status of the SMS:

New, Old, Error

Phone number of the sender



01/02






Total number of new SMS

Number of the text message displayed

If the SMS memory is full and if the SMS centre cannot transfer anymore text messages, a note is displayed. Press **OK** to confirm and delete text messages you no longer need from the incoming and outgoing message list (see also page 63 and page 67). Then the SMS centre transfers the SMS again.

## Reading and deleting SMS in the incoming message list

**Prerequisite:** You have opened the incoming message list (page 66).




		Select SMS.
		Open the menu.
<b>either ...</b>		<b>Read SMS:</b>
<b>Read textmessage</b>	<b>OK</b>	Confirm. Use  to view the continuation of the text message in the display.
<b>or ...</b>		<b>Delete SMS:</b>
 <b>Delete textmess.</b>	<b>OK</b>	Select the menu item and confirm.
		Return to idle status

A new message which you have opened acquires the status **Old**.

## Deleting the entire incoming message list








This function deletes **all new and old** text messages in the incoming message list.


**Prerequisite:** You have opened the incoming message list (page 66).

		Open the menu.
	<b>Delete list</b>	<b>OK</b> Select the menu item and confirm.
	<b>YES</b>	Press the display key to confirm the prompt.
		<b>Hold</b> down (return to idle status).

## Replying to or forwarding text messages

While you read a text message you can use the following functions:

		Press the display key to open the menu.
	<b>either ...</b>	<b>Reply to an incoming message:</b>
	<b>Reply</b>	<b>OK</b> Confirm. You can reply to the message immediately in the input field.
	<b>or ...</b>	<b>Answer 'Yes':</b>
	<b>Answer: Yes</b>	<b>OK</b> Select the menu item and confirm.
	<b>or ...</b>	<b>Answer 'No':</b>
	<b>Answer: No</b>	<b>OK</b> Select the menu item and confirm.
	<b>or ...</b>	<b>Edit the incoming message and reply to it:</b>
	<b>Use Text</b>	<b>OK</b> Select the menu item and confirm.
		Edit the text.
	<b>... then</b>	
		Press the display key to open the menu.
	<b>Send</b>	<b>OK</b> Confirm and then send the message as described on page 62.
	<b>or ...</b>	
	<b>Save Entry</b>	<b>OK</b> Select and confirm to save the entry.












To forward a text message, open the menu with  and select the **Send** option. Now send the message as described on page 62.

When replaying, attachments (e.g., logo, melody) are not sent.

However, the attachments are sent when forwarding an SMS. Forwarding an SMS with attachments is not permitted by some service providers and thus will be rejected. Select the **Use Text** function to forward the SMS without attachments. Confirm the prompt **New SMS will not contain picture/ melody. Proceed?**

## Calling back an SMS sender


Open the SMS incoming message list (page 66). **Now:**

	Select entry.
<b>either ...</b>	
	Press the talk key
<b>or ...</b>	
	Open the menu.
<b>Dial number</b> 	Select.
<b>or ...</b>	<b>Dialling using the network provider prefix:</b>
	Open the menu.
 <b>NET list</b> 	Open the speed dial list (network access list).
 	Select the entry and confirm. The network provider prefix is put before the phone number.
<b>... then</b>	
 	If <b>MSN next call</b> is set for the handset (page 119), select the outgoing MSN and confirm.

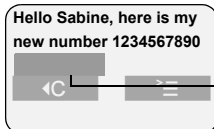
The ringback is initiated immediately. The phone number is deleted from the calls list and entered in the last number redial list.

<b>i</b>	For PABX: The access code (outside line code) is automatically inserted before the phone numbers (page 144).
----------	--

## Copying a phone number from the SMS text into the directory








You telephone can "detect" phone numbers in a received SMS. It displays these by highlighting the string of digits (max. 32 characters). If the SMS text contains multiple strings of digits, the first string of digits is highlighted. Scrolling the SMS text with  will automatically highlight the next string of digits etc..


**Prerequisite:** You have opened a text message in the incoming message list to read (page 67).



The string of digits is highlighted in black.








## SMS (text messages)


		Press the display key to open the menu.
 <b>Copy to Directory</b> 		Select the menu item and confirm.
		Go to the <b>Name</b> line and enter the name (max. 16-digits) (for entering text, see page 153).
		Press the display key to open the menu.
<b>Save Entry</b> 		Confirm. The entry is stored.
		<b>Hold</b> down (return to idle status).

	The phone number must be stored in the directory together with its area code (prefix) so that it can also be used for sending text messages.
---	--

### Adding the phone number of a text message to the directory

**Prerequisite:** You have opened the incoming message list and selected a message (page 66).






		Press the display key to open the menu.
 <b>Copy to dir.</b> 		Select the menu item and confirm.
		Go to the <b>Name</b> line and enter the name (max. 16-digits) (for entering text, see page 153).
		Press the display key to open the menu.
<b>Save Entry</b> 		Confirm. The entry is stored.
		<b>Hold</b> down (return to idle status).

	You can create a special directory for SMS within your directory by putting an star (*) before the names.
--	---

## Opening an attachment to an SMS

You can open an included attachment such as a logo. You can recognise an attachment because it is placed between "less than" and "greater than" symbols (e.g., <Logo>). For installation see page 72.

**Prerequisite:** You have opened a text message with attachment to read (page 67).

	Move the cursor to the line containing the attachment.
	Press the display key to open the menu.
 <b>View Content</b> 	Select the menu item and confirm.
	<b>Hold</b> down (return to idle status).

<i><b>i</b></i>	An SMS can contain multiple attachments.
-----------------	--

## Using new ringer tones and logos for the handset

You can install other melodies to use in addition to the one provided with the handset and a logo (graphic) as well. For a selection of melodies and logos, browse these web pages on the Internet: [www.my-siemens.com/ringtones](http://www.my-siemens.com/ringtones) (melodies) and [www.my-siemens.com/logos](http://www.my-siemens.com/logos) (logos). The Internet pages will tell you which data is available in your country.

You can use the following formats:

- ◆ "iMelody" for melodies,
- ◆ Large Picture (32\*32) and Small Picture (16\*16) for logos.

After you have ordered melodies and/or logos to be installed, you will receive one or more **SMS** (in the incoming message list, page 66) with the data.

<i><b>i</b></i>	There are charges for installing data. Ask your service provider.
-----------------	---

You can install a **max. of five new melodies**. The **new melody** replaces one of the ten melodies available in the handset, at most, the melodies 6–10.

The **logo** replaces the display in idle status (page 14), which could cover the date, time and the name. You can install **only one** logo.



**The logo will disappear briefly under the following conditions:**

- ◆ Pressing any key,
- ◆ a battery warning tone, an appointment, reminder, or wake-up call is signalled,
- ◆ or you take the handset out of the base/charger or you return it there.



## Installing a new ringer tone or a logo





**Prerequisite:** You have opened the incoming message list (page 66).

		Scroll to the desired text message as necessary.
<b>Read textmessage</b>	<b>OK</b>	Confirm. You can see in the title or icons that data for installing the melodies/logos you have chosen has been sent. You will hear the new melody or see a preview of the logo.
		<b>If you like the melody/logo:</b>
<b>Install</b>		Press the display key to initiate the installation.
<b>Yes</b>		Press the display key to install the new melody or logo.
		For a new melody: chose the number of the old ringer melody you want to replace with the new melody. You will hear the old ringer melody to be sure it is the one you want.
<b>OK</b>		Confirm.

If you don't like the melody/logo, press **No** after **Install**. The installation is cancelled.

<i>i</i>	<ul style="list-style-type: none"> <li>◆ After installation, the melodies and logos will remain in the SMS incoming message list until you delete the SMS (page 67).</li> <li>◆ Other handsets registered to the same base can also have the melody or logo installed.</li> <li>◆ For more information about opening a logo or melody contained as an attachment in an SMS, see page 72.</li> </ul>
----------	---

## Activating/deactivating a logo

		Open the menu.
	<b>Settings</b>	<b>OK</b> Select the menu item and confirm.
	<b>Screen Picture</b>	<b>OK</b> Select and confirm to activate or deactivate the logo (✓ = activated).
		<b>Hold</b> down (return to idle status).

<i>i</i>	<p>The logo is not displayed:</p> <ul style="list-style-type: none"> <li>◆ during a call,</li> <li>◆ if the room monitor or Walk and Talk mode is activated,</li> <li>◆ if you just received an SMS or a message on the answering machine (on the SX150isdn),</li> <li>◆ or when the handset has been deregistered.</li> </ul>
----------	--

## Text messages to a PABX

You can only receive a text message when the Calling Line Identification is forwarded to the extension of the PABX (CLIP).

The CLIP of the SMS centre phone number is evaluated in your telephone.

If your phone is connected to a PABX, you may have to prefix the number of the SMS centre with an access code (this depends on your PABX). The access code can be stored in your base (page 144).

If in doubt, you can test your PABX by sending a text message to your own phone number and putting the access code before the number of the SMS centre. If you do not receive the message, send another one, this time without the access code.

When you send messages, your sender number may be sent without your extension number. The recipient cannot reply to you directly in this case.

## Errors when sending and receiving a text message

### Errors when sending a text message



Text messages that **cannot** be sent are assigned an error status e.g., "Error FD" and are saved in the **incoming message list**.

The following error codes are displayed:

Error Code	Description
E0	The Calling Line Identification is deactivated permanently (page 22).
FE	Error occurred during message transfer.
FD	Connection to SMS centre failed. Text messages cannot be sent or received if the phone number of an SMS centre is missing or incorrectly stored. Check that the phone number of the SMS centre has been correctly stored.
C3	Faulty recipient phone number

You can view information about sources of error on the display.

**Prerequisite:** You have opened the incoming message list (page 66).

	To scroll text messages that could not be sent.
 <b>Error status</b> <input type="button" value="OK"/>	Select the menu item and confirm. The source of error appears in the display.
<input type="button" value="BACK"/>	Press the display key to return to the incoming message list.

### Errors when receiving a text message

A message appears on the display if your phone cannot receive any more text messages.

You **cannot** receive text messages under the following conditions:

- ◆ call forwarding is activated with **All Calls**,
- ◆ the memory (incoming and outgoing message list) is full.

## SMS (text messages)

### Self-help with error messages

Error Message	Possible Cause	Remedy
You cannot send messages.	The "Calling Line Identification" (CLIP) is permanently withheld.	Permit Calling Line Identification" (CLIP) again (page 22).
	Message transfer was interrupted (e.g. by an incoming call).	Re-send the message.
	No phone number or an invalid phone number is entered for the SMS centre activated as the send centre.	Enter the phone number (page 57).
You receive a message whose text is incomplete.	Your phone's memory is full.	Delete some old messages (page 67).
The message is played back.	Your terminal is stored in the database of your SMS provider as having no fixed network SMS functionality, i.e. you are no longer registered in it.	Register the terminal (again) for SMS reception.
Messages are only received during the day.	If your SMS network provider's database does not yet know that your terminal supports fixed network SMS functionality, then it will only attempt to deliver messages during the day.	Register the terminal (again) for SMS reception to get it re-assigned in the database.

## Using the answering machine (on SX150isdn)

The Gigaset SX150isdn has three answering machines (AB1, AB2, AB3), which can be used independently of each other. The answering machine can be used either directly via a registered handset (via the menu) or via remote operation (internal or external call on the answering machine, see page 85).

The answering machine you can use directly via your handset depends on the assignment of the incoming MSN:

### Answering machines are not assigned an MSN (factory default):

- ◆ AB1 answers all calls.
- ◆ Each answering machine can be set, used, and listened to from every handset/end device.

### One or more MSNs are assigned to each answering machine:

- ◆ Every answering machine can only be set and listened to from handsets /end devices with the same incoming MSN.

Exception: If an incoming MSN is exclusively assigned to an answering machine, then this answering machine can be used from all internal parties.

<i><b>i</b></i>	If an answering machine is being used by a user (directly or via remote operation), no other user can access the answering machine during this time.
-----------------	--





The date and time of arrival of each message is logged if you have previously set this function (page 104).


Answering machines you do not want to use can be hidden, see page 90.

Definitions of terms used in the following:

Message	Message that a caller leaves on the answering machine.
Memos	"Spoken notes" that you can leave on the answering machine for members of your family or office colleagues, for example.
AB mode	Answer and record or announce only.
Answer and record mode	The caller hears an announcement and may then leave a message.
Announce only mode	The caller hears your announcement but cannot leave a message.

## Selecting an answering machine

		Open the menu.
 <b>Answering mach.</b>	<b>OK</b>	Select the menu item and confirm.
 <b>AM1</b>	<b>OK</b>	If necessary, select and confirm the answering machine, e.g. <b>AM1</b> .
 <b>OK</b>		If AB block is set (page 93): Enter the answering machine PIN and confirm.



The answering machine list **AM1** ,... is also opened, when you hold down the  key. The list only contains the answering machine shown for the handset. If only one answering machine can be reached by the handset or only one answering machine is shown, the list is skipped over.

If the answering machine menu has not been opened and instead the message "**No AM allocated**" is displayed, then you cannot use the answering machine directly with the handset (page 75). If necessary, change the assignment of the incoming MSNs (page 118) or use the answering machine via remote operation (page 86).

## Activating/deactivating the answering machine

You can only activate/deactivate an answering machine when time control is not active (page 93).



**Prerequisite:** You have selected an answering machine (page 76).

<b>either ...</b>		<b>Activate the answering machine:</b>
 <b>Activate?</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>Deactivate the answering machine:</b>
 <b>Deactivate?</b>	<b>OK</b>	Select the menu item and confirm.

When activating, the **remaining memory time** (in %) is shown on the display.

The AB mode the answering machine is in after activating (recording or announce only mode), depends on the announcement selected (page 77).

You can only activate an answering machine in recording mode if there is still memory available. When the remaining memory is less than 60 seconds, you are prompted to delete old messages. When the remaining memory is less than 10 seconds, the answering machine is started in announce only mode.

If one of the answering machines assigned to the handset is activated, the icon  is shown in the display. The icon  flashes when the machine is recording.

## Selecting announce only and AB mode

For each answering machine you can activate the **Announcement 1**, **Announcement 2** or **Announcem. only**. By factory default, the three announcements with pre-recorded announcement are pre-set. You can delete the pre-recorded announcement and record your own announcement.




Selecting the announcement decides which AB mode the answering machine uses (page 75).

- ◆ **Announcement 1**, **Announcement 2**: recording mode.
- ◆ **Announcem. only**: announce only mode

In recording mode, a **Concl.announcem.**, is given automatically when recording has ended if you have recorded a concluding announcement (page 77).

By factory default, **Announcement 1** is selected. There is no **Concl.announcem.**

**Prerequisite:** You have selected an answering machine (page 76).





 <b>Announcements</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
 <b>Announcement 2</b>	Select an announcement, e.g., <b>Announcement 2</b> . (✓ = is activated).
	Press the display key to open the submenu.
<b>Select</b> <span style="float: right;">OK</span>	Confirm. The previously set announcement is automatically deactivated.

<i>i</i>	The answering machine switches automatically from recording mode to announce only mode when the memory is full. As soon as memory is available again (e.g., because messages have been erased), the machine changes back to recording mode automatically.
----------	---

## Recording/changing announcements

You can record the following announcements: **Announcement 1**, **Announcement 2**, **Announcem. only** and **Concl.announcem.**

**Prerequisite:** You have selected an answering machine (page 76)

 <b>Announcements</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
 <b>Announcement 2</b>	Select an announcement, e.g., <b>Announcement 2</b> . (✓ = is activated).
	Press the display key to open the submenu.
 <b>Record</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
<b>START</b>	Press the display key to begin recording.
	Record your announcement.
<b>STOP</b>	Press the display key to end the recording. The announcement is repeated for you to check.

## Using the answering machine (on SX150isdn)










Recording is automatically terminated when:

- ◆ if you pause for more than 8 seconds when recording your announcement
- ◆ the memory is full. Delete old messages or announcements you no longer need.

The announcement is not saved if you press the end call key while recording or during the playback check.

### Playing/deleting announcements

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Announcements</b> 	Select the menu item and confirm.
 <b>Announcement 2</b>	Select an announcement, e.g., <b>Announcement 2</b> . (✓ = is activated).
	Press the display key to open the submenu.
<b>either ...</b>	<b>Play the announcement:</b>
 <b>Play back</b> 	Select the menu item and confirm.
<b>or ...</b>	<b>Delete the announcement:</b>
 <b>Delete</b> 	Select the menu item and confirm.
	Press the display key to confirm the prompt.







### Recording memos

Memos are "spoken notes" that you can leave for members of your family, for example. Memos are played back, saved, and deleted in the same way as messages. If there is a new memo, the message key (Ⓜ) flashes on all handsets assigned to the answering machine.

Memos can also be recorded even if the answering machine is deactivated.

When the memory is full, and when there are pauses in the recording longer than 8 seconds, the recording of the memo is cancelled automatically.

**Prerequisite:** You have selected an answering machine (page 76).







 <b>Memos</b> 	Select the menu item and confirm.
 <b>Record memo</b> 	Select the menu item and confirm.
	Press the display key to begin recording.
	Record your memo.
	Press the display key to end the recording.

To cancel the recording, press the display key **BACK**.

## Two way recording


You can two way record a call. Two way recording can be played back and deleted in the same way as messages.

During a call:

		Open the menu.
	<b>Record</b> 	Select the menu item and confirm.
	<b>AM1</b> 	Select the answering machine and confirm, e.g. <b>AM1</b> . The two way recording starts immediately.
		Press the display key to end the two way recording.







<i>i</i>	The two way recording is also ended when the call is ended and when the memory is full. You should tell the other party in advance that the call is being recorded.
----------	---

## Picking up a call from the answering machine

You can pick up the call, even if the answering machine has already answered it (in the display, the  icon flashes), your announcement is running, or the caller is already leaving his message. When the call is picked up, recording is cancelled.

### Prerequisites:

- ◆ To pick up an answering machine call, the minimum authorisation "Answer only" is required (page 114).
- ◆ The answering machine and the handset picking up have the same incoming MSN assigned to them (page 89).
- ◆ No other handset has automatic call screening activated (page 96).



	<b>Automatic call pick up is activated (see page 97, factory default):</b>
 or 	Press the Talk or Handsfree key. You pick up the call.
	<b>Automatic call pick up is deactivated:</b>
 or 	<b>Press the Talk or Handsfree key.</b>
	Press the display key to screen the call. The caller cannot hear you.
	Press the display key to pick up the call.

In order to call another external party while the answering machine records a call, you must deactivate automatic call pick up (page 97).



## Using the answering machine (on SX150isdn)

### Playing messages

New messages are displayed on the handset by the flashing message key . By pressing the message key  you have direct access to new messages.


The lists of new and old messages can be opened using the menu.


**Prerequisite:** You have selected an answering machine (page 76).


<b>Messages</b>	<b>OK</b>	Confirm. Playback begins.
-----------------	-----------	---------------------------

The playback begins with the oldest message. After all messages have been played, you are prompted if you would like to delete the messages.




The following appears in the display for each message.




Phone number of the caller: 12.09.03 09:45 — Date and time of call  
1234567890  
Status of the message: New mess.: 1/15 — Total number of messages in the list  
Old mess.: or New mess.:    — Number of the message displayed

When the automatic pause is activated, the answering machine switches to the pause status after playing back a message. Press the display key , to continue playback.

### Moving to the next or previous message during playback

	Go to the next message.
	Repeat the last 5 seconds of the current message. If less than 5 seconds have elapsed, the current message is played back from the beginning.
	Go to the previous message.








### Switch to pause status during playback, end pause

	Switch to pause status.
<b>Continue</b>	<b>OK</b> Confirm. Continue playback.

## Carrying out a ringback during playback

While playing back a message, you can call back the caller immediately. **Prerequisite:** The caller's number has been identified.

**During playback:**















		Press the display key to open the submenu.
<b>either ...</b>		<b>Ringback:</b>
 <b>Call back</b>		Select the menu item and confirm.
<b>or ...</b>		<b>Ringback with network provider phone number:</b>
 <b>NET list</b>		Select the menu item and confirm.
 		Select the network provider phone number and confirm.

## Playing a message for the other party

You can playback a message from the answering machine to the other party during an external call.

**Prerequisite:** The answering machine and the handset have the same incoming MSN assigned to them.







**During the call:**

		Press the display key to open the menu.
 <b>Play message</b>		Select the menu item and confirm.
 <b>AM1</b>		If necessary, select and confirm the answering machine, e.g. <b>AM1</b> .
 		If AB block is set (page 93): Enter the answering machine PIN and confirm. The information about the oldest message appears in the display. The message is <b>not</b> played back.
 		Select a message and open the submenu.
 <b>Playback</b>		Select the menu item and confirm. The playback is started. The other party can hear the message being played.
		<b>End playback:</b>
		Press the display key to open the submenu.
 <b>Exit</b>		Select the menu item and confirm. The playback is stopped. You can speak with the other party again.

## Using the answering machine (on SX150isdn)

### Listening to memos






**Prerequisite:** You have selected an answering machine (page 76).

 <b>Memos</b>		Select the menu item and confirm.
		Select the menu item and confirm. The playback of the oldest memo begins.
 or 		Go to the next or previous memo.

### Setting the playback speed

You can set the playback speed of messages/memos in four levels: **Slow**, **Normal speed**, **Fast** or **Very fast**. **Normal speed** is set by factory default for all answering machines.

**During playback:**

		Press the display key to open the menu.
 <b>Speed</b>		Select the menu item and confirm.
 <b>Fast</b>		Select speed and confirm, e.g. <b>Fast</b> (✓ = activated).











The playback begins at the new speed. All following messages/memos are played back at this speed until changed again.

## Deleting messages/memos

You can delete messages or memos, individually or all at once. Only messages and memos that have been listened to for at least 3 seconds can be deleted. These recordings are then labelled as old.







### Deleting individual messages/memos

**Prerequisite:** You have selected an answering machine (page 76).

<b>either ...</b>	<b>Delete an individual message:</b>
<b>Messages</b> <input type="button" value="OK"/>	Confirm.
 or 	Select the message.
	Press the display key to open the submenu.
 <b>Delete message</b> <input type="button" value="OK"/>	Select the menu item and confirm. The current message is deleted.
<b>or ...</b>	<b>Delete an individual memo:</b>
 <b>Memos</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>	Select the menu item and confirm.
 or 	Select the memo.
	Press the display key to open the submenu.
 <b>Delete curr.memo</b> <input type="button" value="OK"/>	Select the menu item and confirm. The current memo is deleted.


### Deleting all old messages/memos


**Prerequisite:** You have selected an answering machine (page 76).

<b>either ...</b>	<b>Delete all old messages:</b>
<b>Messages</b> <input type="button" value="OK"/>	Confirm.
	Press the display key to open the submenu.
 <b>Del.old messages</b> <input type="button" value="OK"/>	Select the menu item and confirm.
<input type="button" value="YES"/>	Confirm.
<b>or ...</b>	<b>Delete all old memos:</b>
 <b>Memos</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>	Select the menu item and confirm.
	Press the display key to open the submenu.
 <b>Delete old memos</b> <input type="button" value="OK"/>	Select the menu item and confirm.
<input type="button" value="YES"/>	Confirm.




## Using the answering machine (on SX150isdn)

### Setting an old message or memo to "New"

Message/memos already listened to can be set to "New". This will display this message/memo on the handset as a new entry by flashing the message key  or by text in the display.

By pressing the message key  you have direct access to the message/info.

#### During playback:

	Press the display key to open the submenu.
 <b>Status to 'new'</b> 	Select the menu item and confirm. The current recording is given the status "new".







The playback continues if there are more recordings.

### Copying a number to the directory

While playing back a message, you can display the phone number of the caller and save it in the directory.

**Prerequisite:** The caller's number has been identified.

#### During playback:






	Press the display key to open the submenu.
 <b>Save number</b> 	Select the menu item and confirm.
	Enter name.
	Press the display key to open the submenu.
<b>Store</b> 	Confirm.

### Checking the status of the answering machine

The status can be used to check the number of new and old messages/memos as well as the settings of the answering machine.

#### Checking the messages/memos

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Status</b> 	Select the menu item and confirm.
<b>either ...</b>	<b>Display the number of new and old messages:</b>
<b>Messages</b> 	Confirm. The number of new and old messages is displayed.
<b>or ...</b>	<b>Display the number of new and old memos:</b>
 <b>Memos</b> 	Select the menu item and confirm. The number of new and old memos is displayed.

## Checking the settings

---

You can check the following settings instead of messages/memos:

- ◆ **Announcement** (type of announcement)
- ◆ **Recording** (length/quality)
- ◆ **Time control** (on/off, start time of the announcements)
- ◆ **Start options** (number of rings)
- ◆ **Playback** (type, automatic pause: on/off)
- ◆ **Remote options** (remote operation: on/of, remote deletion: on/off)
- ◆ **General** (language, remaining memory time)

## Remote operation

---

The remote control can be used to operate your answering machine from a registered handset or from any external connection or mobile phone, e.g., listen to and delete messages. The procedures for both types of remote operation are the same except for the initial start.

### Prerequisite:

- ◆ Remote operation from an external connection can only be used if you have defined an AB PIN (page 93). The AB PIN must always be given when operating remotely.
- ◆ In order to be able to fully use an answering machine externally (changing settings, deleting messages), you must enable the remote operation **and** remote deletion (see below).

### Instruction for remote operation

If a function requires two keys, they must be pressed within 4 seconds. Otherwise, the entry is cancelled or only the function of the second key is carried out. If you press the wrong key, you can cancel it with **5**.

Spoken instructions are available for a few functions, activated by pressing the following keys.




<b>0</b> #	<b>Help with deleting</b>
<b>*</b> #	<b>Help with new messages/phrases</b>
<b>6</b> #	<b>Help with recording</b>
<b>9</b> #	<b>Help with operating modes</b>

## Using the answering machine (on SX150isdn)

### Enabling remote operation and remote deletion



By factory default, remote operation and remote deletion are deactivated. The setting must be performed for each of the three answering machines to be used remotely.

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Remote options</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Set the remote operation:</b>
<b>Remote control</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = is activated).
	<b>If necessary, set the remote deletion:</b>
 <b>Remote delete</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = is activated).

### Introduction to remote operation while you are away from home

Remote operation requires a telephone capable of sending DTMF characters (tone dialling). It is important to enter the AB PIN immediately while the announcement text is being played. **Remote control** and, if necessary, **Remote delete** must be activated.



	Dial your own phone number.
	Enter the AB PIN immediately after the announcement begins.

If the AB PIN is entered **three times** incorrectly in succession, the connection is interrupted.

Afterwards, you can use the answering machine using key commands (page 87).



### Introduction to remote operation from a handset (internal)

#### Comfort and standard handset

<b>INT</b>	Press the display key.
	Enter the internal phone number for the answering machine: 91 for AB1, 92 for AB2 or 93 for AB3.
	If AB block is set (page 93), enter the AB PIN.

#### Handset from another manufacturer (GAP mode)



Lift the handset and if necessary, press another key to initiate an internal call.

	Enter the internal phone number of the answering machine: 91 for AB1, 92 for AB2 or 93 for AB3.
	If AB block is set (page 93), enter the AB PIN.

## Wireless telephone adapter and normal telephone

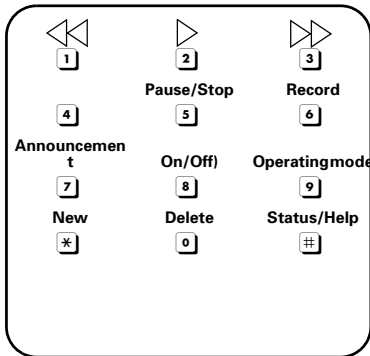
The automatic line seizure must be deactivated. By factory default, the automatic line seizure is activated!

Lift handset and then:

	Enter the internal phone number for the answering machine: 91 for AB1, 92 for AB2 or 93 for AB3.
	If AB block is set (page 93), enter the AB PIN.

## Key sequence for remote operation

After beginning remote operation for the answering machine, the functions of the keys for all telephones are the same.



Listening to messages and memos	
All messages	<b>2</b>
Only new messages	<b>* 2</b>
Pause/Stop	<b>5</b>
Continue playback	<b>2</b>
End playback	<b>5 5</b>
Skipping messages and memos	
To the beginning of the message	<b>1</b>
To the previous message	<b>1 1</b>
To the next message	<b>3</b>
Deleting messages and memos	
Single message during playback	<b>0 2</b>
All messages after playback	<b>0 2</b>



## Using the answering machine (on SX150isdn)

<b>Recording announcements</b>	
Announcement 1	<b>6 7 1</b>
Announcement 2	<b>6 7 2</b>
Announce only	<b>6 7 3</b>
Concluding announcement	<b>6 7 4</b>
<b>Playing announcements</b>	
Announcement 1	<b>7 1</b>
Announcement 2	<b>7 2</b>
Announce only	<b>7 3</b>
Concluding announcement	<b>7 4</b>
<b>Selecting announcements</b>	
Announcement 1	<b>9 1</b>
Announcement 2	<b>9 2</b>
Announce only	<b>9 3</b>
Concluding announcement	<b>9 4</b>
<b>Recording internal memos</b>	
Begin recording	<b>6 2</b>
End recording	<b>5</b>
<b>Activating/deactivating the answering machine</b>	
Activate/deactivate	<b>8</b>
<b>Help</b>	
Check the settings	<b>#</b>
Check the functions requiring one key to be pressed	<b># #</b>
Check the functions requiring two keys to be pressed	see page 85
End checking	<b>5</b>

# Setting the answering machine

## (on SX150isdn)

After you have connected your telephone, your answering machine is ready for operation.









The answering machine AB1 is shown and activated. It records all messages (on all incoming MSNs). AB1 can be played back and set from all handsets (factory default). All phrases of the answering machine are in German.

AB2 and AB3 are hidden by factory default (page 90) and deactivated. To use them, they must be shown and all shown answering machines must be assigned their own incoming MSN.

AB1, AB2 and AB3 can be configured independently of each other.

### Assigning the incoming MSN

Every (shown) answering machine (AB1, AB2, AB3) can be assigned one or more incoming MSNs. Every incoming MSN can be assigned to only one answering machine (only one recording can take place at a time).

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup user</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup device</b> <input type="button" value="OK"/>	Confirm.
		Select an answering machine, <b>INT 91: AB 91</b> for AB1, <b>INT 92: AB 92</b> for AB2 or <b>INT 93: AB 93</b> for AB3.
		Open the submenu.
	<b>Receive MSN</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Select and confirm the incoming MSN, e.g. <b>MSN1: Anna</b> . Only the MSNs are offered that have not yet been assigned to an answering machine. Repeat this process for all incoming MSNs you want to assign to the answering machine.

An answering machine assigned an incoming MSN can still be set and used by handsets/ end devices which are assigned the same incoming MSN.









## Setting the answering machine (on SX150isdn)

### Hiding/showing an answering machine

If you only want to use one or two answering machines for your connection, you can hide the other answering machine(s) from all displays and menus. By factory default, AB1 is shown, AB2 and AB3 are hidden.

To hide the answering machine, there must no longer be any messages or memos stored on it:

- ◆ If new, unplayed messages/memos are present on an answering machine, you will be notified when you attempt to hide it. The answering machine remains **shown**.
- ◆ If there are still old (already played) messages/memos saved on an answering machine when trying to hide it, you will be asked if you would like to delete the old recordings. The answering machine is only hidden if you confirm with **YES**.

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Setup user</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>Setup device</b>	<input type="button" value="OK"/>	Confirm. The list of internal numbers is displayed.
		Select the internal numbers of the answering machine ( <b>INT 91</b> , <b>INT 92</b> or <b>INT 93</b> ).
		Open the submenu.
<b>either ...</b>		<b>Hide the answering machine:</b>
 <b>Hide AM?</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>or ...</b>		<b>Show the answering machine:</b>
 <b>Show AM?</b>	<input type="button" value="OK"/>	Select the menu item and confirm.

Answering machines that are activated are deactivated when hiding them. When showing them again, the answering machine returns to the status it had before it was hidden.




## Specifying the number of rings before the answering machine starts

You can set when you want the answering machine to activate (after how many rings). The options are: **1 ring tone, 2 ring tone, ..., 9 ring tone**. Instead of a set number of rings, you can also set the **charge saving** setting **Automatic 2/4** (factory default). In this setting the answering machine activates **automatically**:

- ◆ after 2 rings if there are new messages;
- ◆ after 4 rings if there are no new messages.

When operating remotely (page 85) by the third ring you will know that there are no new messages (otherwise the answering machine would have already activated). There will be no call charges if you hang up now.



**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>No. of rings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Automatic 2/4</b>	<input type="button" value="OK"/>	Select the number of rings or <b>Automatic 2/4</b> and confirm (✓ = set).

## Deactivate/activate spoken date and time

When playing back each message/memo, you can have the recording data and -time (time stamp) spoken by the answering machine (activated by factory default).

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>Message/Memo</b>	<input type="button" value="OK"/>	Confirm.
 <b>Time stamp</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).

## Specifying the recording time and recording quality

You can set the maximum length of a message and its recording quality. The recording quality determines the total recording time of your answering machine.

The setting **High quality** allows a total recording time of up to 12 min., and **Long recording** (standard quality, in general this is sufficient) allows up to 25 min. The **Long recording** recording quality and the **Maximum** recording time are set by factory default.



<i>i</i>	<p>Recording a call ends:</p> <ul style="list-style-type: none"> <li>◆ if there is a pause of more than 8 seconds</li> <li>◆ at the end of the call; the caller interrupts the connection.</li> <li>◆ after the maximum set recording time has passed, if the setting <b>Maximum</b> was used, when the memory is full.</li> </ul>
----------	--

## Setting the answering machine (on SX150isdn)

### Specifying the recording time

You can restrict the maximum length of a message to **1 minute**, **2 minutes** or **3 minutes**. If you set the recording time to **Maximum** (factory default), then it is "unlimited" (until memory is full).




**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>Message/Memo</b>	<input type="button" value="OK"/>	Confirm.
<b>Message length</b>	<input type="button" value="OK"/>	Confirm.
 <b>Maximum</b>	<input type="button" value="OK"/>	Select and confirm the recording time, e.g., <b>Maximum</b> (✓ = activated).


<i>i</i>	When the recording duration is reached, the concluding announcement is played automatically, if recorded. Then the connection is ended. The recording duration of memos is not restricted.
----------	--

### Setting the recording quality

**Prerequisite:** You have selected an answering machine (page 76).



 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>AM quality</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>either ...</b>		<b>Set high quality:</b>
<b>High quality</b>	<input type="button" value="OK"/>	Confirm.
<b>or ...</b>		<b>Set long recording:</b>
 <b>Long recording</b>	<input type="button" value="OK"/>	Select the menu item and confirm.

### Activating/deactivating the automatic pause

When the automatic pause is activated, the answering machine switches to the pause status after playing back a message or a memo. The next message is played back when you press the display key  (>...).

By factory default, the automatic pause is deactivated.

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Automatic pause</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).

## Blocking the answering machine, defining the AB PIN





You can protect your answering machine against unwanted interventions. To do this, define an AB PIN (personal identification number) and activate the AB lock. Changing settings and playing messages can only be performed after entering a PIN.

<b>i</b>	The answering machine can only be operated remotely if you have defined an answering machine PIN.
----------	---

## Entering, changing the AB PIN

The AB PIN is pre-set to 0000 at the factory.

**Prerequisite:** You have selected an answering machine (page 76).



 <b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Change AM-PIN</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>	Enter new AB PIN (max. 8 digits) and confirm.
 <input type="button" value="OK"/>	Repeat the new AB PIN and confirm.

If you made a typing error when entering the AB PIN, you can delete your entry using the  key and enter it again.

## Activating/deactivating the AB lock

By factory default, the answering machine lock is deactivated.

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>AM lock</b> <input type="button" value="OK"/>	Select and confirm (✓ = lock set).

## Setting the time control

You can set the answering machine so that it is activated or deactivated depending on the time of day, as well as using different announcements depending on the time of day.

You can define (for the 24-hour day) up to four time sections with different settings for the answering machine. You must specify a start time for each time section. The start time of the 2nd time section is the end time of the 1st time section, etc.. The start time of the 1st time section is the end time of the last defined time section. For each section, you can set if the answering machine should be activated/deactivated and which announcement or announcement only should be used.

You specify the time control for work days (Monday to Friday). On the weekend (Saturday and/or Sunday), either the time control of the work days can be used, or one of the announcements is activated for the entire day, or the answering machine is deactivated for the entire day.

## Setting the answering machine (on SX150isdn)



















### Example:

The answering machine of your office should be deactivated during normal office hours (8:00 to 5:00 p.m.). Only during the lunch hour (12:00 to 3:00 p.m.) should the answering machine be activated using announcement 1. After office hours (5:00 to 8:00 p.m.) the answering machine should use announcement only. The following time sections must be defined:

1. Start time 08:00, AB off
2. Start time 12:00, announcement 1
3. Start time 13:00, AB off
4. Start time 5:00 p.m., announce only

### Defining start times and announcements for Monday to Friday







**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b> 	Select the menu item and confirm.
 <b>Time control</b> 	Select the menu item and confirm.
 <b>Mon - Fri</b> 	Select the menu item and confirm. ✓ = at least one start time is entered.
 <b>OK</b>	Select entry for the time section, e.g., **:*** <b>Announcement 1</b> , and confirm.
 <b>Select ann.</b> 	Select the menu item and confirm.
 <b>Announcement 1</b> 	Select <b>Announcement 1</b> , <b>Announcement 2</b> , <b>Announcem. only</b> or <b>AM off</b> and confirm.
	Press the display key.
 <b>Start time</b> 	Select the menu item and confirm.
	Enter the start time (4-digit). The start time specifies the end of the previous time section.
	Press the display key to open the submenu.
<b>Save entry</b> 	Confirm.
	Return to idle status.

## Setting time control for Saturday or Sunday

By factory default, the time control for work days is used – **As for Mon-Fri**.



**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Time control</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>either ...</b>		
 <b>Saturday</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>or ...</b>		
 <b>Sunday</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>... then</b>		
 <b>As for Mon-Fri</b>	<input type="button" value="OK"/>	Select <b>As for Mon-Fri, Ann. 1 24h, Ann. 2 24h, Ann. only 24h</b> or <b>AM off</b> and confirm.
		Return to idle status.

## Activating/deactivating time control

By factory default, time control is deactivated.

**Prerequisite:** You have at least set a start time (page 94) and have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Time control</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).
<b>either ...</b>		<b>Activate time control:</b>
<b>Activate?</b>	<input type="button" value="OK"/>	Confirm.
<b>or ...</b>		<b>Deactivate time control:</b>
<b>Deactivate?</b>	<input type="button" value="OK"/>	Select the menu item and confirm.



## Setting the answering machine (on SX150isdn)

### Activating/deactivating automatic call screening on a handset





You can set your answering machine so that when it records a message, a handset assigned to it switches automatically to open listening.

By factory default, automatic call screening is deactivated.

#### Assigning a handset

Only one handset can be assigned to the answering machine. You can select a handset that is assigned the incoming MSN of the answering machine. Only end devices are displayed that support handsfree talking. Auto answer (page 97) must be activated.



**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Aut. listen in</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Select HS</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Internal 11</b>	<input type="button" value="OK"/>	Select the handset and confirm, e.g., type for <b>Internal 11</b> .


### Activating/deactivating call screening

You can only activate call screening if a handset has been assigned to the answering machine.

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Aut. listen in</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>either ...</b>		<b>Activate call screening:</b>
<b>Activate?</b>	<input type="button" value="OK"/>	Confirm.
<b>or ...</b>		<b>Deactivate call screening:</b>
<b>Deactivate?</b>	<input type="button" value="OK"/>	Confirm.

## Activating/deactivating automatic call pick up






With automatic call pick up, you can pick up the call from the answering machine directly (announcement or call recording is running) on any handset that has been assigned the same incoming MSN as the answering machine. You only have to press the talk key  on the handset. The recording of the call is then cancelled.

By factory default, automatic call pick up is activated.

### Requirements:

- ◆ To pick up a call, the handset requires at least the authorisation **Incoming only** (page 114).
- ◆ The answering machine and the handset have the same incoming MSN assigned to them.

<i>i</i>	If automatic call screening is activated for a handset (page 96), then the call can only be picked up on this handset.
----------	--

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>System settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>AM auto. pickup</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).

## Activating/deactivating automatic notification of SMS

Your telephone can automatically send an SMS to an external phone number (e.g., to a mobile telephone), when you have received new messages on the answering machine. An example SMS could be:

**New message: 01712205625 for office at 18:27 on DO, 19.07. You have 1 new AB message(s).**

Automatic notification of SMS is not available in every country.

<i>i</i>	To send the SMS, an SMS send centre must be entered (page 58).
----------	--






## Setting the answering machine (on SX150isdn)

### Entering the 'call to' number for the SMS

---

There is no 'call to' number saved.







**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>SMS notificat.</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	Enter 'call to' number (max. 20 digits).
	Press the display key to open the submenu.
<b>Save entry</b> <input type="button" value="OK"/>	Confirm.
	Return to idle status.

### Changing, deleting the 'call to' number for the SMS

---

**Prerequisite:** You have selected an answering machine (page 76).






 <b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>SMS notificat.</b> <input type="button" value="OK"/>	Select the menu item and confirm.
<b>either ...</b>	<b>Enter, change the 'call to' number:</b>
<b>Change number</b> <input type="button" value="OK"/>	Confirm.
	Change the 'call to' number.
	Press the display key to open the submenu.
<b>Save entry</b> <input type="button" value="OK"/>	Confirm.
<b>or ...</b>	<b>Delete the 'call to' number:</b>
 <b>Delete number</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	Return to idle status.

### Activating/deactivating the SMS notification

---

You can only activate notification per SMS if a 'call to' number was saved.

**Prerequisite:** You have selected an answering machine (page 76).

 <b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>SMS notificat.</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	Open the submenu.
<b>either ...</b>	<b>Activate SMS notification:</b>
 <b>Activate?</b> <input type="button" value="OK"/>	Select the menu item and confirm.
<b>or ...</b>	<b>Deactivate SMS notification:</b>
 <b>Deactivate?</b> <input type="button" value="OK"/>	Select the menu item and confirm.

# Using several handsets

## Using a handset as a room monitor

With this function, a previously stored internal or external phone number is called when a set noise level in the room is reached (the baby cries). When you answer the call you hear the noise in the baby's room. The **remains activated** on the handset even after you hang up.

The handset should be between 1 and 2 metres away from the baby. The microphone must be directed towards the baby.

When the room monitor is activated, incoming calls to the handset which is near the baby are indicated **without a ring tone**, they are just shown on the display. The display and the key pad are not illuminated.

**When entering an external phone number, make sure that:**

- ◆ the handset must have the authorisation **Unrestricted** (page 114).
- ◆ the number where the room monitor call is forwarded must not be blocked by an activated answering machine.
















**Always check the settings of the room monitor before you leave home, e.g. sensitivity and phone line.**






- ◆ If you redirect your room monitor to an external phone number, then you should tell that number's owner.
- ◆ Attempts for the room monitor to call an **external** phone number are terminated after approximately 90 seconds. Attempts for the room monitor to call an **internal** phone number (handset) are terminated after approximately 3 minutes.
- ◆ After the room monitor makes a call, the room monitor is blocked for 2 minutes.
- ◆ The room monitor function severely curtails the handset's operating time. Place the handset located near the baby in the charger. This will ensure that the battery will not become flat.
- ◆ The room monitor function can also be used in Walk and Talk mode (page 103).

## Using several handsets

### Activating the room monitor function and entering the 'call to' number for the first time








	<b>Step 1: Open the input field for the room monitor:</b>
	Open the menu.
 <b>Add. Features</b> 	Select the menu item and confirm.
<b>Room Monitor</b> 	Confirm. The input field is opened.
	<b>Step 2: Activate room monitor:</b>
	In the <b>Room M.:</b> line, choose <b>On</b> .
	<b>Step 3: Enter the 'call to' number:</b>
 <b>Edit</b>	Scroll to the <b>Call to:</b> line and press the display key. The input field for the phone number is opened.
<b>either ...</b>	<b>Enter an internal</b> phone number as the 'call to' number:
<b>INT</b>	Press the display key.
 <b>Save</b>	Enter the internal phone number and press the display key. If the room monitor should call all registered handsets, then enter  instead of an internal phone number (group call).
<b>or ...</b>	Enter an <b>external</b> phone number as the 'call to' number:
	Enter the phone number.
	Press the display key.
<b>Save Entry</b> 	Confirm. The entry is stored.
<b>... then</b>	<b>Step 4: Set the sensitivity:</b>
 	If necessary, scroll to the <b>Level:</b> line and set the sensitivity for the noise level ( <b>Low</b> or <b>High</b> ).
<b>Save</b>	Press the display key. The room monitor function is now activated.

Once the room monitor is activated, switch directly to the room monitor setting with  (open menu).

<i>i</i>	<ul style="list-style-type: none"> <li>◆ If you would like to copy the external phone number from the directory press the lower side of the control key  (open the directory) while in the input field for the phone number. Use  to select an entry and confirm with <b>OK</b>.</li> <li>◆ If you enter an <b>external</b> phone number as the 'call to' number, only the <b>last 4 digits</b> will appear in the input panel.</li> </ul>
----------	--

## Changing previously set external 'call to' numbers

**Prerequisite:** You are in the input field for the room monitor (step 1, page 100).






 <b>Edit</b>	<b>Scroll to the Call to: line and press the display key.</b>
	Delete the existing phone number.
<b>either ...</b>	Enter the <b>external</b> 'call to' number:
	Enter a new phone number.
	Press the display key to open the menu.
<b>Save Entry</b> 	Confirm. The entry is stored.
<b>or ...</b>	Enter the <b>internal</b> 'call to' number:
<b>INT</b>	Press the display key.
 <b>Save</b>	Enter the internal phone number or  (hold down = group call) and press the display key.

Continue as is described on page 100 starting with step 4.

## Changing previously set internal 'call to' numbers

The previously set internal phone number must first be deleted.

**Prerequisite:** You are in the input field for the room monitor (step 1, page 100).

 <b>Edit</b>	<b>Scroll to the Call to: line and press the display key.</b>
	<b>Deleting the internal phone number:</b>
<b>Delete</b>	<b>Press the display key to delete the phone number.</b>
<b>either ...</b>	<b>Enter a new external phone number:</b>
<b>Save</b>	Press the display key to confirm the delete.
<b>Edit</b>	Press the display key.
	Enter the phone number.
	Press the display key to open the menu.
<b>Save Entry</b> 	Confirm. The entry is stored.
<b>or ...</b>	<b>Enter the new internal phone number:</b>
 <b>Save</b>	Enter the new internal phone number and press the display key.

Continue as is described on page 100 starting with step 4.

## Using several handsets

### Deactivating the room monitor

---

Press the **OFF** display key on the room monitor handset to deactivate the room monitor function.

*i*

To reactivate the room monitor function with the same phone number, you must turn on the activation again and save with **Save**.

### Setting the Walk and Talk mode

---

The Walk and Talk function allows two handsets to communicate with each other no matter how far they are from the base.

**Example:** You go on holiday and take two handsets with Walk and Talk functionality with you. Set the Walk and Talk function **on both handsets**. You can now communicate using the handsets.

**Prerequisite:**




- ◆ Both handsets have been registered to the same base **or**
- ◆ Both handsets are registered to different bases and both are set to **Best Base** (page 136) **or**
- ◆ One of the handsets is not registered to any base and the registered handset is set to **Best Base or**
- ◆ Neither handset is registered to a base.



*i*


In Walk and Talk mode

- ◆ The maximum range between handsets is 300 metres outdoors,
- ◆ The handsets cannot be reached by incoming calls,
- ◆ Handset operating times are severely curtailed.

## Activating/deactivating the Walk and Talk mode







		Open the menu.
 <b>Add. Features</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Walk and Talk</b>	<b>OK</b>	Select the menu item and confirm.
		<b>Deactivate the Walk and Talk mode:</b>
<b>Off</b>		Press the display key.

When you are in Walk and Talk mode and you press on the talk key  or handsfree key , the call goes to all handsets in Walk and Talk mode. The connection is made with the first handset to answer the Walk and Talk call.


<i>i</i>	<ul style="list-style-type: none"> <li>◆ "Selecting the ringer" (page 139), "Activating/deactivating ringer or advisory tones" (page 141) and "Activating/deactivating keypad lock" (page 11) are available in Walk and Talk mode.</li> <li>◆ To open the menu, press the display key .</li> <li>◆ The Walk and Talk mode is retained even when you switch your handset off and back on.</li> </ul>
----------	--

## Using a handset in Walk and Talk mode as a room monitor

The room monitor function can also be used in Walk and Talk mode.

		Press the display key.
 <b>Room Monitor</b>	<b>OK</b>	Select the menu item and confirm.
 		Scroll to the <b>Room M.:</b> line and activate the room monitor.
 		If necessary, scroll to the <b>Level:</b> line and set the sensitivity for the noise level ( <b>Low</b> or <b>High</b> ).
<b>Save</b>		Press the display key. The room monitor function is now activated.

The room monitor will call all handsets that are in Walk and Talk mode.

	<b>Always check the settings of the room monitor before you leave home, e.g. sensitivity and phone line.</b>
---	--

Press the display key **Off** on the room monitor handset to deactivate the room monitor. The handset returns to the normal Walk and Talk mode.















# Date and Time

## Setting the date and time

The date and time are transferred from the telephone exchange when you make your first call with your device.

You can choose between the 12 hour and the 24 hour display (factory setting) for the time (a.m. = 1st half of the day; p.m. = 2nd half of the day).

		Open the menu.
	<b>Calendar/Clock</b> 	Select the menu item and confirm.
	<b>Date/Time</b> 	Select the menu item and confirm.
		<b>Enter the date:</b>
		In the <b>Date:</b> line, enter the day/month/year.
		<b>Enter the time:</b>
		Scroll to the <b>Time:</b> line and enter the hours/minutes in a 4-digit format.
		<b>Select display mode:</b>
		Scroll to the <b>Time Mode:</b> line if you want to choose between 12-hour and 24 hour mode.
		Press the display key to save the entry.

In 12-hour mode you can scroll to the **Time:** line and then use the display key  to switch between **am** and **pm**.

















## Setting the alarm clock

You can use your handset as an alarm clock.

**Prerequisite:** You have set the date and time.

### Activating and setting the alarm clock

If you want to use your handset as an alarm clock, you have to set the alarm time, choose a melody and activate the alarm clock.

		Open the menu.
	<b>Calendar/Clock</b> 	Select the menu item and confirm.
	<b>Alarm Clock</b> 	Select the menu item and confirm. The current setting is displayed.
		<b>Switching the alarm clock on:</b>
		In the <b>Room M.:</b> line, select <b>On</b> .
		<b>Enter the time for wake-up call:</b>
		Scroll to the <b>Time:</b> line and enter the hours/minutes in a 4-digit format, e.g.,     for "7:15 a.m."
		When in 12-hour mode (page 104): press the display key if you want to switch between <b>am</b> and <b>pm</b> .
		Press the display key to save the entry.
		<b>Hold</b> down (return to idle status). You will see the  icon.









<i><b>i</b></i>	<ul style="list-style-type: none"> <li>◆ The alarm clock will only ring if the handset is in the idle status. The alarm clock will not ring if the room monitor function is activated, a call is being made, or during automatic redial.</li> <li>◆ How to change the volume and melody is explained on page 139.</li> </ul>
-----------------	--

## Date and Time

### Switching the alarm clock off

---

The alarm clock is set for a particular time but you do not want it to ring.

		Open the menu.
	<b>Calendar/Clock</b> 	Select the menu item and confirm.
	<b>Alarm Clock</b> 	Select the menu item and confirm.
		In the <b>Room M.:</b> line, select <b>Off</b> .
		Press the display key to save the setting.
		<b>Hold</b> down (return to idle status).

### Deactivating the wake-up call





























---

A wake-up call with deactivated ringer melody is signalled on the handset. The display shows **Alarm Clock**. Press the display key **Silence** or **any** key to turn off the wake-up call. The wake-up call will ring for 30 seconds if it is not answered sooner.

## Setting appointments





You can have your handset remind you of up to five appointments. To do this, you have to save the times.

### Activating and setting appointments

		Open the menu.
	<b>Calendar/Clock</b> 	Select the menu item and confirm.
	<b>Set Appoints.</b> 	Confirm.
	<b>ApPOINT. 2</b> 	Select the appointment (1-5) and confirm.
		<b>Activating the appointment:</b>
		In the <b>Room M.:</b> line, select <b>On</b> .
		<b>Enter the date:</b>
		Scroll to the <b>Date:</b> line and enter the day/month in a 4-digit format. <b>Example:</b> For 20.05. enter     .
		<b>Enter the time:</b>
		Scroll to the <b>Time:</b> line and enter the hours/minutes in a 4-digit format. <b>Example:</b> For 9:05 enter     .
		If in 12-hour mode (page 105): you can switch between <b>am</b> and <b>pm</b> .
		<b>Specifying the appointment:</b>
	<b>Edit</b> 	Scroll to the <b>Notes:</b> line and press the display key.
	 	Enter a name (max. 16 characters) (for entering letters and characters see page 153) and confirm.
	<b>Save</b> 	Press the display key to save the entry.
		<b>Hold</b> down (return to idle status). You will see the icon  .

<i>i</i>	<ul style="list-style-type: none"> <li>◆ If you do not enter a name, the display will then show "Appointment...".</li> <li>◆ How to change the volume and melody is explained starting on page 140.</li> <li>◆ An appointment will be displayed only if the handset is in idle status. It will not be displayed if the room monitor function is activated, a call is being made, or during automatic redial.</li> </ul>
----------	---

### Canceling an appointment

		Open the menu.
 <b>Calendar/Clock</b>	<b>OK</b>	Select the menu item and confirm.
<b>Set Appoints.</b>	<b>OK</b>	Confirm.
 <b>Appoint. 2</b>	<b>OK</b>	Select the appointment (1-5) and confirm.
		Select setting <b>Off</b> .
<b>Save</b>		Press the display key to save the setting.









### Switching off or answering an appointment alarm

An appointment is signalled with the selected ringer melody (page 140). In the display you will see for example **Appoint. 2**. Press the display key **Silence** or **SMS**, to switch off the appointment alarm. The appointment alarm will ring for 30 seconds if it is not answered sooner.

<i><b>i</b></i>	When an appointment is displayed, you can open the SMS menu with the <b>SMS</b> display key and write and send an SMS.
-----------------	--

## Displaying missed appointments, and anniversaries

If you do not accept an appointment or anniversary alarm when it rings (page 41), it will be saved in a list.

		Open the menu.
	<b>Calendar/Clock</b>	<b>OK</b>
		Select the menu item and confirm.
	<b>Missed Dates</b>	<b>OK</b>
		Select the menu item and confirm. The list of appointments/anniversaries will open.
		Select appointment/anniversary. This will display information about the appointment/anniversary. A missed appointment is marked with  , a missed anniversary with  .
	<b>either ...</b>	<b>Closing the list:</b>
	<b>Go Back</b>	Press the display key.
	<b>or ...</b>	<b>Deleting an appointment/anniversary:</b>
	<b>either ...</b>	<b>Closing the list:</b>
		Press briefly.
	<b>or ...</b>	<b>Deleting an appointment/anniversary:</b>
	<b>Delete</b>	Press the display key.
	<b>... then</b>	
		<b>Hold</b> down (return to idle status).

<b><i>i</i></b>	<ul style="list-style-type: none"> <li>◆ If there is a new appointment/anniversary in the list, the display shows <b>Appoint</b>. You can also use this display key to open the list of appointments/anniversaries. Once you have looked at all the new appointments, Appoint will disappear from the display.</li> <li>◆ If the handset is deactivated at the time of an appointment/anniversary, the appointment/anniversary will be saved in the list.</li> <li>◆ If the list doesn't contain any appointments/anniversaries, you can close it with <b>Go Back</b>.</li> </ul>
-----------------	---

## Night service

You can set up call forwarding for each incoming MSN which forwards all incoming calls to an external phone number, to another internal party, or with SX150isdn to an answering machine. This can be done daily for a specified period of time (**Start time to End time**) and on weekends (**Sat/Sun all day**) automatically. For example, when a business might normally be closed (from 6:00 p.m. to 8:00 a.m.) all calls from the office could be forwarded to a private number.










When forwarding a call externally, only the MSN which is assigned to the handset as the incoming MSN can be forwarded from the handset.





By factory default, Night service is deactivated. To switch on Night service, first the forward destination must be defined.

<i>i</i>	<p>If external call forwarding to an external phone number is activated using <b>Immediately</b> (page 122) at the time when Night service is supposed to start, the following applies:</p> <ul style="list-style-type: none"> <li>◆ The call is forwarded to another phone number: Call forwarding remains active until it is explicitly deactivated.</li> <li>◆ The call is forwarded to the same phone number: Call forwarding is deactivated until the end time of Night service is reached.</li> </ul> <p>The same applies when call forwarding is set up during Night service.</p>
----------	--

## Setting the forward destination

**Prerequisite:** Night service is **deactivated** (page 112).











		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Night service</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = Night service is activated). The list of MSNs is displayed.
	<input type="button" value="OK"/>	Select and confirm MSN, e.g. <b>MSN1: Anna</b> .
 <b>Forward. dest.</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>either ...</b>		<b>Set the external forward destination:</b>
 <b>External</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>or ...</b>		Enter the external destination phone number.
<b>or ...</b>		<b>Set the internal forward destination:</b>
 <b>Internal</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Internal 11</b>		Select the internal number, e.g., <b>Internal 11</b> .
<b>or ...</b>		<b>Select the answering machine (for SX150isdn):</b>

 <b>Answering mach.</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>AM2</b>	Select the answering machine you would like e.g., <b>AM2</b> . The calls are forwarded to the selected answering machine.
<b>... then</b>	
	Press the display key to open the submenu.
<b>Save entry</b> <input type="button" value="OK"/>	Confirm.
	Return to idle status.

<i>i</i>	<ul style="list-style-type: none"> <li>◆ Night service, internal: If the internal party is not registered or cannot be reached (e.g. handset deactivated), the call is not signalled and the caller receives the busy signal.</li> <li>◆ Night service to an answering machine: Even if the answering machine is deactivated, a call is signalled to the answering machine and the answering machine takes the call after the set number of rings (page 91).</li> </ul>
----------	---

### Entering the start and end time for Night service

By factory default, the **Start time** is pre-set to 20:00 or 8:00 pm, and 08:00 or 8:00 am for the **End time**.







	Open the menu.
 <b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Night service</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>	Select and confirm MSN, e.g. <b>MSN1: Anna</b> .
<b>either ...</b>	<b>Enter the start time:</b>
 <b>Start time</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	Enter the start time (4-digit).
<b>or ...</b>	<b>Enter the end time:</b>
 <b>End time</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	Enter the end time (4-digit).
<b>... then</b>	
	Press the display key to open the submenu.
<b>Save entry</b> <input type="button" value="OK"/>	Confirm.
	Return to idle status.



### Activating/deactivating Saturday/Sunday all day Night service:








If **Sat/Sun all day** is set, then Night service is active between the indicated start and end times from M-F, and all day on weekends. If **Sat/Sun all day** is deactivated, then calls are forwarded on the weekend between the set start and end time.

By factory default, **Sat/Sun all day** is activated.

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Night service</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Select and confirm MSN, e.g. <b>MSN1: Anna</b> .
 <b>Sat/Sun all day</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).
		Return to idle status.

### Activating/deactivating Night service

You can only activate Night service when you have entered a forward destination for the incoming MSN and when there is no forward destination currently activated for it.

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Night service</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Select and confirm MSN, e.g. <b>MSN1: Anna</b> .
<b>either ...</b>		<b>Activating Night service:</b>
 <b>Activate?</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
<b>or ...</b>		<b>Deactivating Night service:</b>
 <b>Deactivate?</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
		Return to idle status.

If Night service is activated for an MSN, **Night service** is marked with ✓.

# Security settings










## Changing the System PIN

The system PIN (Personal Identification Number) is used to protect the following settings from unauthorised access:

- ◆ Call charge settings (📞 / **Call Charges**)
- ◆ Internal and external call forwarding  
(📞 **Base Settings / Ext. call forw. or Int. call forw.**)
- ◆ SMS service centres, party configurations, security, ISDN, and system settings (📞 / **Base Settings / Settings**)
- ◆ Getting started wizard (📞 / **Base Settings / Installation**)

The system PIN is only effective when it is not 0000.

The system PIN is pre-set to 0000 at the factory.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	If the current PIN is not 0000: Enter PIN and confirm.
	<b>Security</b> <input type="button" value="OK"/>	Confirm.
	<b>Change PIN</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter new system PIN (max. 8 digits, 0 to 9) and confirm.
	<input type="button" value="OK"/>	Repeat the new system PIN and confirm.
		Return to idle status.

<b>!</b>	Do not forget the new system PIN! If you forget it, the device will require technical intervention. In this case, contact the Siemens Hotline.
----------	--

### Defining authorisation

You can set different authorisations for all registered devices:

◆ **Unrestricted** (set as factory default)










All devices can answer incoming calls and make external/internal outgoing calls.

◆ **Incoming only**

The devices can only answer incoming calls. External calls cannot be made. Internal calls can be made. Emergency numbers can be dialled.

◆ **Internal only**

The devices can only make and answer internal calls. Emergency numbers can be dialled.















		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>		If required, enter the PIN and confirm.
<b>Security</b>	<input type="button" value="OK"/>	Confirm.
 <b>Authorisation</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Internal 11</b>		Select the internal number, e.g., <b>Internal 11</b> .
		Press the display key to open the submenu.
 <b>Internal Only</b>	<input type="button" value="OK"/>	Select authorisation, e.g., <b>Internal Only</b> , and confirm. The set authorisation is marked with a ✓
		Return to idle status.

### Emergency numbers

By default, the country-specific emergency numbers are entered. These cannot be changed or deleted. You can enter five of your own emergency numbers.

<b>i</b>	The emergency number can also be dialled by a handset with restricted authorisation (e.g., <b>Internal only</b> ).
----------	--



## Setting up, changing, reading, and deleting your own emergency numbers

		Open the menu.
 <b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		If required, enter the PIN and confirm.
<b>Security</b>	<b>OK</b>	Confirm.
 <b>Emergency nos.</b>		Select. Emergency number list is opened.
 <b>&lt;no entry&gt;</b>		Select the list entry, e.g., <b>&lt;no entry&gt;</b> .
		Press the display key to open the submenu.
<b>either ...</b>		<b>Set up and change an emergency number:</b>
<b>Change number</b>	<b>OK</b>	Confirm.
		Enter a new emergency number (up to 32 digits) or change the existing emergency number. You can pick the number from the directory  or speed dial list  .
		Press the display key to open the submenu.
<b>Save entry</b>	<b>OK</b>	Confirm.
<b>or ...</b>		<b>View the emergency number:</b>
 <b>Display number</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>Delete the emergency number:</b>
 <b>Delete number</b>	<b>OK</b>	Select the menu item and confirm.
		Return to idle status.

<b>i</b>	If your phone is connected to a PABX you may have to enter the applicable access code (outside line code, e.g., 0; see page 144) before the emergency number. That also applies to default emergency numbers, for which you have to re-enter them completely, e.g., "0110" and "0112".
----------	--

### Dialling emergency numbers

**Prerequisite:** The handset is blocked for external dialling (page 114).

	Press the talk key
<b>EMERG.</b>	Press the display key.
<b>... then</b>	<b>Dial the emergency number:</b>
	Enter the emergency number.

If the dialled number does not match the emergency number entered, the call is rejected with the display **"Number is not emergency no."**












## Setting the system

The abbreviations in parentheses after the titles stand for the respective ISDN performance feature. Some performance features can only be used if it is enabled by the network provider (possible additional costs).

All the settings for the base are made with a registered S 1 handset.

### Changing the name for an internal party

By factory default, all internal numbers are given the names **Int.11** , **Int.12** , etc., according to their numbering. You can change these entries to suit your individual needs.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>Setup user</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup device</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Int.11</b>	Select the internal number, e.g., <b>Int.11</b> .
		Open the submenu.
	<b>Name</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Change the name and open the menu.
	<b>Save entry</b> <input type="button" value="OK"/>	Select the menu item and confirm. The name will now be shown in the internal list, even for internal calls from this internal number.

<i><b>i</b></i>	Since names are saved in the base station, another name can be allocated to a handset when registering to a different base. This makes it possible to recognise which base the handset is currently connected to.
-----------------	---






















## Setting up/deleting ISDN phone numbers (MSN)

Your ISDN connection offers you two simultaneously usable telephone lines (B channels). Up to ten phone numbers (MSN) can be set up on your base station.

### Setting up ISDN phone numbers (MSN) / changing the name

If you haven't saved all the phone numbers with the Installation wizard (page 14), you can enter them now. **All phone numbers saved later are automatically assigned to all registered handsets.**

Each newly set up phone number automatically gets its own ringer melody, which can be changed to suit your individual requirements (page 120).

		Open the menu.
	<b>Base Settings</b> 	Select the menu item and confirm.
	<b>Settings</b> 	Select the menu item and confirm.
		Enter system PIN, if needed (page 113).
	<b>ISDN settings</b> 	Select the menu item and confirm.
	<b>Set up MSN</b> 	Select the menu item and confirm.
		Select MSN, e.g. <b>MSN1: Anna</b> .
		Open the submenu.
	<b>Edit entry</b> 	Select the menu item and confirm.
		Enter a name (up to 16 characters – optional) (for inputting text see page 153).
		Scroll to the line <b>&lt;Number&gt;</b> and enter the phone number.
		Open the submenu.
	<b>Save entry</b> 	Select the menu item and confirm.

## Setting the system

### Deleting ISDN phone numbers (MSN)

		Open the menu.
<b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>Settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>OK</b>		Enter system PIN, if needed (page 113).
<b>ISDN settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>Set up MSN</b>	<b>OK</b>	Select the menu item and confirm.
		Select MSN, e.g. <b>MSN1: Anna</b> .
		Open the submenu.
<b>Delete entry</b>	<b>OK</b>	Select the menu item and confirm.

*i*

If the deleted MSN was the outgoing MSN (page 119) of an internal party, this internal party is automatically assigned a new outgoing MSN (the MSN with the lowest position number).

### Assigning a phone number (MSN)

You can assign specific phone numbers (MSNs) to the registered devices. Here, define

- ◆ which phone number the registered end device uses to ring (incoming MSN),
- ◆ which phone number an internal party dials (outgoing MSN).

#### Assigning the incoming MSN

By default, a newly registered handset rings for all set up phone numbers.











If you only want to assign the handset specific incoming MSNs:

		Open the menu.
<b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>Settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>OK</b>		Enter system PIN, if needed (page 113).
<b>Setup user</b>	<b>OK</b>	Select the menu item and confirm.
<b>Setup device</b>	<b>OK</b>	Select the menu item and confirm.
<b>Int.11</b>		Select the internal number of the handset, e.g., <b>Int.11</b> .
		Open the submenu.
<b>Receive MSN</b>	<b>OK</b>	Select the menu item and confirm.
	<b>OK</b>	Select and confirm MSN, e.g. <b>MSN1: Anna</b> .



## Assigning the outgoing MSN

By default, no outgoing MSN is entered. The telephone exchange adds the outgoing MSN.











You can define one outgoing MSN per internal party. This MSN will be displayed to your partner when you call and the call will be billed to this MSN.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>Setup user</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup device</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Int.11</b>	Select the internal number, e.g., <b>Int.11</b> .
		Open the submenu.
	<b>Send MSN</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Select and confirm MSN, e.g. <b>MSN1: Anna</b> .

## Setting up the list of outgoing MSN for the next call

You can set up your handset so that after pressing the Talk key  or the handsfree key  a list of all available outgoing MSNs is displayed.

By factory default, **MSN next call** is not activated.







		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>Setup user</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup device</b> <input type="button" value="OK"/>	Select the menu item and confirm. The list of entered internal numbers is displayed.
	<b>Int.11</b> <input type="button" value="OK"/>	Select and confirm the internal number you want, e.g., <b>Int.11</b> .
		Press the display key to open the submenu.
	<b>MSN next call</b> <input type="button" value="OK"/>	Select the menu item and confirm (  = activated).
		Hold down (return to idle status).



### Setting up a busy signal when the MSN is being used (Busy on Busy)

This setting allows callers to get a busy signal immediately when an external call is already being made on this MSN, independent of the setting **Call waiting**.










By factory default, the function is not set.

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>		Enter system PIN, if needed (page 113).
 <b>ISDN settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Busy on busy</b>	<input type="button" value="OK"/>	Select and confirm (✓ = activated).

### Assigning an MSN a ringer melody

Each incoming MSN is assigned a ringer melody when setting up. You can change this assignment for each incoming MSN individually. For an incoming MSN, you can







- ◆ select one of the available ringer melodies. All handsets then ring with this ringer melody for an incoming call to this incoming MSN.
- ◆ **set the external ringer melody**. Then the handsets assigned to the incoming MSN ring with the ringer melody set for external calls on the handset (page 139).

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>		Enter system PIN, if needed (page 113).
 <b>ISDN settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Set up MSN</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
		Select MSN, e.g. <b>MSN1: Anna</b> .
		Open the submenu.
 <b>Ringer Melody: 5</b>	<input type="button" value="OK"/>	Select melody and confirm, e.g. <b>Ringer Melody: 5</b> (✓ = activated).

## Setting up rejecting for the entire MSN group

You can reject an external call not only on your handset, but for all members of an MSN group. Pressing **REJECT** will give the caller a busy signal instead of a ringing tone. The entire group will no longer be called. Someone using call waiting can also be rejected during a call. The call is added to the calls list.

By factory default, the function is not activated.

		Open the menu.
 <b>Base Settings</b>	<input type="checkbox"/> OK	Select the menu item and confirm.
 <b>Settings</b>	<input type="checkbox"/> OK	Select the menu item and confirm.
 <input type="checkbox"/> OK		Enter system PIN, if needed (page 113).
 <b>ISDN settings</b>	<input type="checkbox"/> OK	Select the menu item and confirm.
 <b>Reject all</b>	<input type="checkbox"/> OK	Select the menu item and confirm (✓ = activated).







## Forwarding calls

### Forwarding internal calls

<i>i</i>	<ul style="list-style-type: none"> <li>◆ Only one forward destination can be selected for internal call forwarding.</li> <li>◆ Only one single-stage call forwarding is supported: If you are forwarding to a party who has activated internal call forwarding himself, this will no longer work. The forwarded call will ring at the party you forwarded it to.</li> </ul>
----------	---

By factory default, internal call forwarding is deactivated.





### Setting up the forward destination

		Open the menu.
 <b>Base Settings</b>	<input type="checkbox"/> OK	Select the menu item and confirm.
 <b>Forward. base</b>	<input type="checkbox"/> OK	Select the menu item and confirm.
 <input type="checkbox"/> OK		Enter system PIN, if needed (page 113).
 <b>Forward. dest.</b>	<input type="checkbox"/> OK	Select the menu item and confirm.
 <b>Int.11</b>		Select the internal number, e.g., <b>Int.11</b> (✓ = is activated).

## Setting the system

### Activating/deactivating internal call forwarding








**Prerequisite:** Internal call forwarding can only be activated if the forward destination is set up.

		Open the menu.
 <b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Int. call forw.</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		Enter system PIN, if needed (page 113).
<b>either ...</b>		<b>Activate:</b>
<b>Activate?</b>	<b>OK</b>	Confirm.
<b>or ...</b>		<b>Deactivate:</b>
<b>Deactivate?</b>	<b>OK</b>	Select the menu item and confirm.

### Defining the number of rings

When ring delay is used, the number of rings before the call is forwarded must be defined. Between 0 (= immediate call forwarding) and 9 rings can be set. There are 5 seconds between rings.

The factory default setting is 0 rings (= immediate call forwarding).

		Open the menu.
 <b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Forward. base</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		Enter system PIN, if needed (page 113).
 <b>No. of rings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		Enter the number of rings and confirm.
		Hold down (return to idle status).

### Forwarding external calls – CF (Call Forwarding)

For each incoming MSN, you can save a 'call to' number for each of the three following conditions:












#### Immediately – On busy – On no reply

<i><b>i</b></i>	<ul style="list-style-type: none"><li>◆ If call forwarding is sent to the base station (internal) (page 125), the condition <b>On busy</b> is not available.</li><li>◆ The three conditions can be activated simultaneously.</li><li>◆ If Night service was set up for an incoming MSN (page 110), external call forwarding cannot be set up or changed for this incoming MSN.</li></ul>
-----------------	--









All executed external call forwarding is entered in a list. Active call forwarding is marked in this list.

By factory default, external call forwarding is not activated.

## Setting up the forward destination


















		Open the menu.
 <b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Ext. call forw.</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		Enter system PIN, if needed (page 113). The list of set up call forwarding is displayed.
		Press the display key to open the menu.
 <b>New entry</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		Select and confirm the incoming MSN, e.g. <b>MSN1: Anna</b> .
 <b>Immediately</b>	<b>OK</b>	Select the condition and confirm, e.g. <b>Immediately</b> . You will be warned if you have chosen an MSN that another internal party has already set up for call forwarding. You can either return using <b>BACK</b> to select another setting or use <b>NEXT</b> to continue.
 		Enter a phone number and open the menu.
 <b>Save entry</b>	<b>OK</b>	Select the menu item and confirm.
<b>YES</b>		Confirm to set up call forwarding.

## Activating/deactivating external call forwarding












		Open the menu.
 <b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Ext. call forw.</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		Enter system PIN, if needed (page 113).
		Select call forwarding number, e.g., <b>MSN1 to 22222</b> .
		Open the submenu.
<b>either ...</b>		<b>Activate:</b>
 <b>Activate?</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>Deactivate:</b>
 <b>Deactivate?</b>	<b>OK</b>	Select the menu item and confirm. You will be warned if you have chosen a call forwarding number that another internal party has already set up. You can either return using <b>BACK</b> to select another setting or use <b>NEXT</b> to continue.

# Setting the system

## Changing an entry

		Open the menu.
 <b>Base Settings</b>		Select the menu item and confirm.
 <b>Ext. call forw.</b>		Select the menu item and confirm.
 		Enter system PIN, if needed (page 113).
		Select call forwarding number, e.g., <b>MSN1 to 22222.</b>
		Open the submenu.
 <b>Edit entry</b>		Select the menu item and confirm. You will be warned if you have chosen a call forwarding number that another internal party has already set up. You can either return using <b>BACK</b> to select another setting or use <b>NEXT</b> to continue.
  		Enter a new phone number and open the menu.
 <b>Save entry</b>		Select the menu item and confirm.
		Confirm to set up call forwarding.

## Deleting external call forwarding

		Open the menu.
 <b>Base Settings</b>		Select the menu item and confirm.
 <b>Ext. call forw.</b>		Select the menu item and confirm.
 		Enter system PIN, if needed (page 113).
		Select call forwarding number, e.g., <b>MSN1 to 22222.</b>
		Open the submenu.
 <b>Delete entry</b>		Select the menu item and confirm. You will be warned if you have chosen a call forwarding number that another internal party has already set up. You can either return using <b>BACK</b> to select another setting or use <b>NEXT</b> to continue.








## Switching external call forwarding internal/external

Your ISDN connection offers you two simultaneously usable telephone lines (B channels).

You can set up your telephone so that:










- ◆ the call forwarding is done at the telephone exchange (external), so that your second ISDN line remains free.
- ◆ the call forwarding is done in your base (internal), so that both ISDN lines are used. Any resulting connection charges will be charged to you.

By factory default, **Forward. netw.** is activated.

		Open the menu.
	<b>Base Settings</b> OK	Select the menu item and confirm.
	<b>Settings</b> OK	Select the menu item and confirm.
	OK	Enter system PIN, if needed (page 113).
	<b>ISDN settings</b> OK	Select the menu item and confirm.
	<b>either ...</b>	
	<b>Forward. base</b> OK	Select the menu item and confirm (✓ = set).
	<b>or ...</b>	
	<b>Forward. netw.</b> OK	Select the menu item and confirm (✓ = set).

## Pre-assigning the call deflection destination – CD (Call Deflection)

The call forwarding destination for incoming calls are pre-set here. This 'call to' number is offered as a pre-set when forwarding manually (page 30).

		Open the menu.
	<b>Base Settings</b> OK	Select the menu item and confirm.
	<b>Settings</b> OK	Select the menu item and confirm.
	OK	Enter system PIN, if needed (page 113).
	<b>ISDN settings</b> OK	Select the menu item and confirm.
	<b>Forward. dest.</b> OK	Select the menu item and confirm.
	 <b>☰</b>	Enter 'call to' number and confirm.
	<b>Save entry</b> OK	Select the menu item and confirm.











### Setting up automatic call forwarding when not reaching a handset

If your handset is out of the radio range of the base station, the battery is flat, or the handset has been deactivated, a call will be forwarded to one of the external phone numbers you specify (e.g., a mobile phone).

#### Prerequisites:

- ◆ You have **exclusively** assigned the handset its own incoming MSN (page 118). This MSN must not be assigned as the incoming MSN for any other device, not even the ISDN bus!
- ◆ Call forwarding can only be set up for one incoming MSN on the base.

By factory default, automatic call forwarding is not set up.










		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>		Enter system PIN, if needed (page 113).
 <b>ISDN settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Auto.forwarding</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
		Select call forwarding line, e.g., <b>MSN1: Anna.</b>
		Open the submenu.
 <input type="button" value="OK"/>		Enter 'call to' number and open the submenu.
 <b>Save entry</b>	<input type="button" value="OK"/>	Select the menu item and confirm. Automatic call forwarding is activated (✓ = on).

The line set up for automatic call forwarding is marked in the list of set-up call forwarding lines.

## Setting up an internal group call group

You can make a group call from any handset to all other registered internal party (page 21).

In the basic settings, all registered parties of device type "telephone" or "Neutral" are set up in the group call group.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>Setup user</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup device</b> <input type="button" value="OK"/>	Confirm.
	<b>Int.11</b>	Select the internal number, e.g., <b>Int.11</b> .
		Open the submenu.
	<b>Hunt group</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).

## Setting up ring delay

Ring delay can be used to individually set up a party per incoming MSN to ring later. During this ring delay time, the handset can take the call using the function "**Accept?**" without hearing a ring. The ring delay time is given in rings. There are 5 seconds between rings.

The factory default setting is 0 rings (= not activated).












Take into account the reaction time of the answering machine when making this setting (factory default: **Automatic 2/4**). If the set ring delay is longer than the setting for an active answering machine, the phone will not ring, because the answering machine will answer it first.

For each programmed MSN, at least one party must be able to be called immediately. Therefore, a party set up for ring delay will be called immediately if he is the only one on this incoming MSN, or no one else can be reached on this incoming MSN.



## Setting the system

Picking up a call during ring delay see page 23.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>Setup user</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup device</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Int.11</b>	Select the internal number, e.g., <b>Int.11</b> .
		Open the submenu.
	<b>Ring delay</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Select incoming MSN, e.g., <b>MSN11: Anna</b> , and confirm.
	<input type="button" value="OK"/>	<b>No. of rings</b> should be entered, e.g., 2, and confirm.










## Activating/deactivating call waiting – CW

This function can be set up individually for each party. When call waiting is set, the caller hears the phone ringing while you are talking on the telephone. The call is signalled acoustically as well as is shown in the display on your handset.

When call waiting is deactivated, the caller hears the phone ringing while you are talking on the telephone **and** other devices are assigned to this MSN.

When call waiting is deactivated, the caller hears the busy signal while you are talking on the telephone **and** you are the only party assigned to this MSN.

By factory default, the function is activated. For call waiting with an external call see page 32.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>Setup user</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Setup device</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Int.11</b>	Select the internal number, e.g., <b>Int.11</b> .
		Open the submenu.
	<b>Call waiting</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).

## Setting an external/internal enquiry call

Your ISDN connection offers you two simultaneously usable telephone lines (B channels).








You can set up your telephone so that:

- ◆ when an enquiry call is made during an external call to another external party, the "hold" is done at the telephone exchange so that your second ISDN line remains free.
- ◆ when an enquiry call is made during an external call to another external party, the "hold" is done in your base, and both ISDN lines are used.

By factory default, **Ext. enq. call** is activated.

<i>i</i>	If <b>Int. enq. call</b> is set and the second B-channel is being used, the "Hold" takes place automatically in the telephone exchange.
----------	---

Initiating a enquiry call see page 27 or page 28.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>ISDN settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>either ...</b>	<b>Set the Int. enq. call:</b>
	<b>Int. enq. call</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).
	<b>or ...</b>	<b>Set the Ext. enq. call:</b>
	<b>Ext. enq. call</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).

## Setting the system








### Setting up the waiting melody

An external party hears the set waiting melody when the connection is on hold in the base (internal) (page 129). An external party whose connection is on hold in the telephone exchange (external), and an internal party who is on hold, will not hear a waiting melody.

The following settings can be chosen:

<b>Internal</b>	The party on hold hears the waiting melody of the base.
<b>Off</b>	When the waiting melody is deactivated, a setting cannot be made.

By factory default, **Internal** is activated.

	Open the menu.
 <b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
 <b>System settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Music on hold</b> <input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Internal</b> <input type="button" value="OK"/>	Select and confirm the desired setting, e.g., <b>Internal</b> (✓ = on).












### Changing the long distance prefix

Long distance prefixes are the first few digits required when dialing another city (national) or to another country (international). In Germany, the factory default is:

0	For connections to other towns (national)
00	For connections abroad (international)

In other countries, different long distance prefixes could be used. In this case you need to change this setting.

Otherwise, you wouldn't be able to make some calls, such as ringbacks, from the call list.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>ISDN settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Lg.-dist. code</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>National : 0</b>	Select type of long distance prefix, e.g., <b>National : 0</b> .
		Open the submenu.
	<b>Change number</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter a new or changed long distance prefix and open the menu.
	<b>Save entry</b> <input type="button" value="OK"/>	Select the menu item and confirm.

## Setting the system










### Restoring the factory settings

You can select which type of reset should be performed:

**Operational** – All MSNs and access codes (outside line code) are deleted and the AB (answering machine) PIN (only for Gigaset SX150isdn) is set to 0000. The authorisations are reset to "dial and answer".

**Reset all** – All functions are reset to their factory defaults. The system PIN is reset to "0000". All entries (calls list, charges) are deleted.




<i>i</i>	The following applies to both functions: Before resetting, switch all active call forwardings off! The handsets remain registered.
----------	--

		Open the menu.	
	<b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>		Enter system PIN, if needed (page 113).
	<b>System settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Spec. function</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Factory setting</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<b>either ...</b>		<b>Restore the functionality:</b>
	<b>Operational</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<b>or ...</b>		<b>Restore factory settings:</b>
	<b>Reset all</b>	<input type="button" value="OK"/>	Select the menu item and confirm.

### Checking the status














The status of the following settings can be checked:

- ◆ Ringback
- ◆ Unknown call
- ◆ Forwarding
- ◆ External connections
- ◆ AB1, AB2, AB3

		Open the menu.	
	<b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Status</b>	<input type="button" value="OK"/>	Select the menu item and confirm. The status list is displayed (✓ = is activated).

## Checking the software version

You can check the version of the software for the base:

		Open the menu.
	<b>Base Settings</b> 	Select the menu item and confirm.
	<b>Settings</b> 	Select the menu item and confirm.
		Enter system PIN, if needed (page 113).
	<b>System settings</b> 	Select the menu item and confirm.
	<b>Spec. function</b> 	Select the menu item and confirm.
	<b>SW version</b> 	Select the menu item and confirm.

# Registering/de-registering further handsets

You can register up to six wireless devices to your base (handsets or data modules M101data, M105data).

A Gigaset S1, C1, or C2 handset that is not yet registered on a base is registered automatically. The SL1 handset, the Gigaset handsets starting with Gigaset 1000, and handsets of other manufacturers must be registered **manually**.

Your S1 handset can be registered on up to four bases.

## Automatic registration: Handsets S1, C1, C2

To register your handset for the first time, place the **deactivated** handset in the base with the **display up**. Registration takes around 1 minute. The handset will be **automatically** assigned the lowest unassigned internal number from the range **Int.11** to **Int.16**. This will appear in the display after registration is complete.

If the internal numbers **Int.11** to **Int.16** have already been assigned, please de-register another handset beforehand (page 136).

*i*

- ◆ Automatic registration is only possible when the handset, base, and integrated answering machine are in idle status.
- ◆ A registered handset can be assigned a different internal name (page 116).

## Manual registration: Gigaset S1 and SL1

If the internal numbers **Int.11** to **Int.16** on your telephone have already been assigned, please de-register another handset which is no longer needed before registering (page 136).

You must initiate handset registration on the base and on the handset.












### 1. On the base

Press the Registration/Paging key on the base for approximately 3 seconds. Registration is initiated.




← Registration/paging key

## 2. On the handset (within 30 seconds)

		Open the menu.
	<b>Settings</b> 	Select the menu item and confirm.
	<b>Register H/Set</b> 	Select the menu item and confirm.
	<b>Base 1</b> 	Select base (1–4) and confirm, e.g. <b>Base 1</b> .
		Enter the system PIN of the base (Factory default: 0000) and confirm. In the display are <b>Regstr.Procedure</b> and the name of the base (e.g., <b>Base 1</b> ). If the handset has found the base, the list of available handset internal numbers is shown in the display.
	<b>Int.11</b> 	Select and confirm the internal number, e.g., <b>Int.11</b> .

The handset returns to idle status after registration is complete. The internal number of the handset appears in the display.

	The handset cancels the base search after 60 seconds. If registration has not completed within this time period, repeat the process.
---	--

### Manual registration: Gigaset handsets starting with Gigaset 1000 and other GAP-capable handsets

The following describes how to register handsets of the Gigaset families, the handsets A 2, C 1, C 2 or handsets of other GAP-capable devices.

---

**GAP** Generic Access Profile = European standard for the interaction of handsets and bases of other manufacturers.


---

If the internal numbers **Int.11** to **Int.16** on your telephone have already been assigned, please de-register another handset which is no longer needed before registering (page 136).

#### 1. On the handset

Start to register the handset as described in its operating instructions.

#### 2. On the base

	Press the Registration/Paging key on the base for approximately 3 seconds. Registration is initiated.
---	---









The handset is automatically assigned the lowest unassigned internal number from the number range **Int.11** to **Int.16**.



## Registering/de-registering further handsets

### De-registering handsets

You can de-register any registered handset from any registered S1 or SL1 handset.

		Open the menu.
	<b>Base Settings</b> OK	Select the menu item and confirm.
	<b>Settings</b> OK	Select the menu item and confirm.
	OK	Enter system PIN, if needed (page 113).
	<b>Setup user</b> OK	Select the menu item and confirm.
	<b>De-reg. device</b> OK	Select the menu item and confirm.
	<b>Int.16</b> OK	Select and confirm handset to be de-registered, e.g. <b>Int.16</b> .
		Return to idle status.


### Page handset ("Paging")

If you have mislaid your handset you can 'page' it with the help of the base.

To do this, press the Registration/paging key on the base for 1 second. All handsets will ring together ("Paging").








### End paging:

Either press the Registration/paging key on the base for 1 second or press the talk key  on a handset.

### Changing the base

The following settings may be made if your handset is registered with more than one base:

- ◆ Set to one specific base, e.g. the base at home or the base at the office.
- ◆ Set to the base with the best reception: **Best Base**. This setting will automatically select whichever base has the best reception.






		Open the menu.
	<b>Settings</b> OK	Select the menu item and confirm.
	<b>Select Base</b> OK	Select the menu item and confirm.
	OK	Select one of the registered bases or <b>Best Base</b> and confirm.
		<b>Hold</b> down (return to idle status).





# Handset settings

Your handset is pre-set. You can change the settings to suit your requirements.


## Changing the display language




You can view the display texts in different languages.

		Open the menu.
 <b>Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Language</b>	<b>OK</b>	Select the menu item and confirm. The current language is checked ✓ (the default setting is: German).
 <b>OK</b>		Select a language and confirm.
		<b>Hold</b> down (return to idle status).

<i>i</i>	<ul style="list-style-type: none"> <li>◆ If you set the wrong language in error, press   . Now select the correct language with  and confirm with <b>OK</b>.</li> <li>◆ When you change the display language the character set can change too, e.g. for Russian.</li> </ul>
----------	---

## Deactivating/activating auto answer






If you have activated this function, when you get a call you can simply lift the handset out of its base or the charger without having to press the Talk key  (the default setting is on).

		Open the menu.
 <b>Settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>Auto Answer</b>	<b>OK</b>	Confirm to deactivate or activate the function (✓ = activated).
		<b>Hold</b> down (return to idle status).

### Changing the name of the base







The names "Base 1" to "Base 4" are assigned automatically. You can change the name of your base.

<b><i>i</i></b>	The name of the base is handset-specific, i.e. the base receives the name which was assigned by the handset. The same base can have different name on different handsets.
-----------------	---

	Open the menu.
 <b>Settings</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
 <b>Select Base</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
 <b>Edit</b>	Select the base and press the display key.
	Enter a new name (up to 16-characters) (for inputting text see page 153).
<b>Save</b>	Press the display key to save the setting.




### Adjusting the loudspeaker volume

You can adjust the handsfree volume on five levels and the earpiece volume on three levels – you can even do this while an external call is in progress.

	Open the menu.
 <b>Audio Settings</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
<b>Handset Volume</b> <span style="float: right;">OK</span>	Confirm. You hear the current volume setting for handsfree talking.
	Set the volume for handsfree talking (1-5) in the input field.
 	Scroll one line lower and set the earpiece volume (1-3).
<b>Save</b>	Press the display key to save the setting.
	<b>Hold</b> down (return to idle status).

### Ringer echo

In certain situations, the sound quality could be less than what you are used to. You can enhance the sound quality of the long ringer melodies (4-10).

	Open the menu.
 <b>Audio Settings</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
<b>Ringer Echo</b> <span style="float: right;">OK</span>	Confirm (✓ = activated).
	<b>Hold</b> down (return to idle status).

## Changing the ringer tone

A range of options are available:

- ◆ Six volume levels:
  - Five volume levels (1–5; e.g. volume level 2 = ),
  - 'Crescendo' call (6; the volume increases with each ring = ).
- ◆ Ten melodies (1–10; melodies 1–3 are the "classic ringer tones").

<i>i</i>	Setting the ringer melody on the handset is only effective, if the <b>external ringer MT</b> is set instead of a ringer melody (page 120) for the incoming MSN of the handset.
----------	--

## Settings for external calls, time control and name announcement












Set the volume and melody depending on the type of ringing. You can also set the volume of a call to be dependent on the time it is received (e.g., nights quieter as during the day).

	Open the menu.
<b>Audio Settings</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
<b>Ringer Settings</b> <span style="float: right;">OK</span>	Select the menu item and confirm.
	<b>Setting the melody and volume:</b>
<b>Ext. Calls</b> <span style="float: right;">OK</span>	Confirm. You hear the current volume.
	Select the desired volume in the input field.
	<b>If necessary, activate time control:</b>
<b>Time C.</b>	<p>Press the display key.</p> <div style="display: flex; align-items: center;"> <div style="border: 1px solid gray; padding: 5px; margin-right: 10px;"> <p>Time ctrl: <span style="float: right;">◀On▶</span></p> <p>From: 20:00</p> <p>Until: 08:00</p> <p style="text-align: right;"> Save</p> </div> <div> <p>— On or off status</p> <p>— Period of time for "On"</p> <p>— Ringer volume</p> </div> </div>
	In the <b>Time ctrl:</b> line, select <b>On</b> .
	Scroll to the <b>From:</b> line and enter the beginning of the time period (4-digit format).
	Scroll to the <b>Until:</b> line and enter the end of the time period (4-digit format).
	Scroll to the next line and set the ringer volume for this time period.
<b>Save</b>	Press the display key to save the time control.
<b>Save</b>	Press the display key to save the setting.
<b>... then</b>	
	<b>Hold</b> down (return to idle status).

## Handset settings

### Individual settings for internal calls, wake-up and appointments




You can set the ringer individually for an internal call, wake-up call, or appointment. You can also set all calls the same.



		Open the menu.
 <b>Audio Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Ringer Settings</b>	<b>OK</b>	Select the menu item and confirm.
<b>either ...</b>		<b>For internal calls:</b>
 <b>Internal Calls</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>For set appointments (page 107):</b>
 <b>Appointments</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>For a pre-set wake-up call (page 105):</b>
 <b>Alarm</b>	<b>OK</b>	Select the menu item and confirm.
<b>or ...</b>		<b>To set all functions to ring the same:</b>
 <b>All</b>	<b>OK</b>	Select the menu item and confirm.
<b>... then</b>		
		Set the volume (1-6) in the input field.
 		Scroll to the next line and select the ringer melody. The current melody rings, the digits at the end of the line indicate the current setting. Enter the melody (1-10).
<b>Save</b>		Now press the display key to store the setting.
<b>Yes</b>		For the setting <b>All</b> press the display key again to confirm the prompt.
<b>... then</b>		
		<b>Hold</b> down (return to idle status).

### Activating/deactivating the ringer


All handsets ring when there is an incoming call. You can cancel the ringer on your handset before you answer a call or when the handset is in idle status; the ringer can be cancelled permanently or just for the current call.

#### Cancelling the ringer permanently:

		Press the star key and hold until the ringer cannot be heard any longer. The ringer is now <b>permanently</b> cancelled. The  icon appears in the display.
		<b>Re-activating the ringer:</b>
		Press the star key and <b>hold</b> .





To deactivate the ringer in the **idle status**, press the key and hold until the  key until the  icon appears. The ringer cannot be re-activated while an external call is in progress.

#### Deactivating the ringer for the current call:

 Silence	Press the display key.
---	------------------------

#### Activating/deactivating the alert tone













When you activate and deactivate the ringer you can activate an alert tone. When you get a call, you will hear a **short tone** (beep) instead of the ring tone.

	Press and <b>hold</b> the star key and <b>within 3 seconds</b> :
 Beep on	Press the display key. A call is now signalled by <b>one</b> brief alert tone. You will now see  in the display.
	<b>Deactivating the alert tone:</b>
	Press the star key and <b>hold</b> . The ringer is activated again.

#### Activating/deactivating advisory tones

Your handset uses 'advisory tones' to tell you about different activities and statuses. The following advisory tones can be activated and deactivated individually (the default setting is on).








- ◆ **Key click:** Every press of the key is confirmed.
- ◆ **Acknowledge tones:**
  - Confirmation tone (rising tone sequence): at the end of an input/setting, when the handset is placed in the base and when a text message or a new entry arrives in the calls list or answering machine list (on SX150isdn)
  - Error tone (a falling tone sequence): with incorrect inputs
  - End of menu tone: when scrolling at the end of a menu
- ◆ **Battery tone:** The batteries must be charged.

	Open the menu.
 <b>Audio Settings</b> 	Select the menu item and confirm.
 <b>Advisory Tones</b> 	Select the menu item and confirm.
	In the <b>Key Tones:</b> line, activate or deactivate the key click.
 	Scroll to the <b>Confirm.:</b> line to activate or deactivate the confirmation tones.
 	Scroll to the <b>Battery:</b> line and choose <b>On</b> , <b>Off</b> , or <b>in Verb..</b> The battery warning tone is activated or deactivated or only rings during a call.
 Save	Press the display key to save the setting.
	<b>Hold</b> down (return to idle status).

### Restoring the handset to factory settings

You can reset individual settings and changes you have made. This will not affect entries in the directory, the calls list, the email directory or the speed dial list, the handset's registration to the base, as well as logos and melodies that you have installed.

Press  to cancel the reset.

		Open the menu.
	<b>Settings</b> 	Select the menu item and confirm.
	<b>Reset Handset</b> 	Select the menu item and confirm.
		Press the display key to confirm the prompt.
		<b>Hold</b> down (return to idle status).

### Factory settings of the handset

Base selection	"Best base"	page 136
Earpiece volume	1	page 138
Handsfree volume	3	page 138
Ringer volume	5	page 139
Time control for ringer	deactivated	page 139
Ringer melody	1	page 139
Name announcement	deactivated	page 139
Auto answer	activated	page 137
Battery tone/Key click/Confirmation tone	activated	page 141
Display language	country specific	page 137
Character set	standard	page 153
Alarm clock/appointment	deactivated	page 105/ page 107
Appointment name	deleted	page 107
Logo	deactivated	page 71
Last number redial list	empty	page 46
Room monitor/room monitor sensitivity	deactivated/high	page 100

# Operating with other devices

## Data modules Gigaset M101 Data and M105 Data

Using Gigaset M101 Data with V24 interface and Gigaset M105 Data with USB interface, you can establish a wireless connection from your PC to the base station, e.g., for Internet access.

For installation, see the installation instructions on the CD-ROM enclosed with the data module.








## Gigaset repeater

The Gigaset repeater can be used to increase the range of your handsets. You can use up to 6 repeaters on your base. To successfully install the repeater, the repeater capability of the base must be activated.

### Activating/deactivating repeater capability

This function is used to activate or deactivate the repeater capability.

By factory default, this repeater capability is deactivated.

		Open the menu.
 <b>Base Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>OK</b>		Enter system PIN, if needed (page 113).
 <b>System settings</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Spec. function</b>	<b>OK</b>	Select the menu item and confirm.
 <b>Repeater</b>	<b>OK</b>	Select the menu item and confirm.
<b>NEXT</b>		Press the display key to save the setting. The handset goes off briefly (✓ = activated).

### Registering the repeater

**Prerequisite:** Gigaset repeater is deactivated (power connector unplugged).

1. Press the illuminated registering key on the base station. The key flashes. The base station is ready for registering only when the key is flashing.

<b>i</b>	Make sure that during this process, no other base stations in registering mode are located near the Gigaset repeater.
----------	---

2. Plug in the power connector on the Gigaset repeater. The LED on the Gigaset repeater flashes. After a brief time period, the LED is lit continuously which displays that registering is complete and that it is ready for operation.

Please refer to the operating instructions of the Gigaset repeater for further information.











# Using with a PABX

## Access code (outside line code)

**Prerequisite:** If your phone is connected to a PABX you may have to enter an access code (outside line code) for external calls when first getting started, depending on the PABX. See the operating instructions for your PABX. You can enter an access code (one to four digits).

The access code (outside line code) is automatically put in front of the phone number of the caller in the display and in the call list for incoming calls and also when copying into the directory. The saved phone number can then be dialled directly from the calls list (page 48).







		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>System settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Access code</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter access code and open the menu.
	<b>Save entry</b> <input type="button" value="OK"/>	Confirm.

<i>i</i>	When dialling manually and when entering directory and emergency/ direct phone numbers, the access code must also be entered.
----------	---

## Activating/deactivating call transfer – ECT (Explicit Call Transfer)

**Prerequisite:** With some ISDN PABX systems, your two parties are not connected together, when you press the end call key during a call transfer (page 31). In this case you need to activate this function. To do this, please refer to the operating instructions of your PABX.

By factory default, this function is deactivated.

		Open the menu.
	<b>Base Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<input type="button" value="OK"/>	Enter system PIN, if needed (page 113).
	<b>ISDN settings</b> <input type="button" value="OK"/>	Select the menu item and confirm.
	<b>Transfer(ECT)</b> <input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).



<i>i</i>	If you activate this function, it will automatically be switched to the <b>Ext. enq. call</b> (= in the telephone exchange) (page 27).
----------	--

## Dialling options

The KEYPAD function is used to control specific services by entering strings of characters and digits.

The KEYPAD function must be set when connecting your Gigaset SX100/150isdn to an ISDN PABX or to a telephone exchange (e.g., Centrex) which uses KEYPAD protocol for controlling. The digits/characters **0–9, \*, #** are sent as keypad information elements. To find out which information and codes can be sent, contact your service provider.

If your Gigaset SX100/150isdn is integrated in a Centrex system, the following performance features can be used.

<b>Calling Name Identification (CNI)</b>	When you get a call from other CENTREX parties, you will see the caller's phone number and name shown on the display.
<b>Message Waiting Indication (MWI)</b>	The display key  is offered on Comfort handsets if new calls appear in the calls list. Calling up the calls list deletes the display key  .
<b>CENTREX call</b>	The CENTREX call is signalled acoustically like an internal call.

## Options

You can switch between the settings **Standard dial** (factory default setting), **Auto keypad** and **Dial \* and #**.

### Standard dial

After activating **Standard dial**, **\*** and **#** are not sent while dialling, and entering **\*** and **#** will not switch to keypad.

### Auto keypad









This setting automatically changes the signalling to keypad while dialling after **\*** or **#** are entered. This automatic changeover is required for commands made to the telephone exchange or PABX.

## Using with a PABX

### Dial \* and #

After activating **Dial \* and #** the characters \* and # are sent as commands to the telephone exchange or PABX while dialling.





Independent of the above setting options, it is automatically switched over to tone dialling (DTMF) **after dialling** or during the call e.g., to remotely control an answering machine.

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <input type="button" value="OK"/>		Enter system PIN, if needed (page 113).
 <b>System settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Spec. function</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Dial properties</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Standard dial</b>	<input type="button" value="OK"/>	Select and confirm the desired setting, e.g., <b>Standard dial</b> (✓ = on).

### Activating/deactivating the keypad during a call





In addition to the ongoing settings described above, you can also switch over temporarily to the keypad.

The setting is only applicable to the current external call and is automatically deactivated after the call is ended.

		Open the menu.
<b>either ...</b>		<b>Activate the keypad:</b>
 <b>Keypad on?</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
		Enter the keypad code.
<b>or ...</b>		<b>Deactivate the keypad:</b>
 <b>Keypad off?</b>	<input type="button" value="OK"/>	Select the menu item and confirm.

### Activating the keypad for the next connection

All dialling characters (0–9, \*, #) will be sent as a string of keypad characters with the next connection (dial and call). In the connection status, the keypad is retained and is not automatically switched over to tone dialling (DTMF).

		Open the menu.
 <b>Base Settings</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Call preparat.</b>	<input type="button" value="OK"/>	Select the menu item and confirm.
 <b>Temp. keypad</b>	<input type="button" value="OK"/>	Select the menu item and confirm (✓ = activated).

# Appendix

## Care

Wipe the base and handset with a **damp** cloth (use no solvent) or an antistatic cloth. **Never** use a dry cloth. This can cause static.

## Contact with liquid



If the handset should come into contact with liquid, **on no account switch the device on. Remove all batteries immediately.**

Allow the liquid to drain out of the device, and then pat all parts of the device dry.


Keep the handset with the batteries removed in a warm, dry place for at least 72 hours. In many cases, you will then be able to use it again.

## Questions and Answers

If you have any questions about the use of your phone, you can contact us 24/7 at [www.my-siemens.com/customer-care](http://www.my-siemens.com/customer-care). You will find the most frequently asked questions and answers below.

What has happened when ...	Possible cause	Possible solution
... the display is blank?	The handset is not switched on. The batteries are flat.	Hold down the End call key  <b>for about 2 seconds</b> . Charge or replace the batteries (page 9).
... the handset fails to respond to a key press?	The keypad lock is activated.	Press the hash key  for around 2 sec. <b>to deactivate the lock</b> (page 11).
... "Base x" or <b>Base Search</b> flashes in the display?	The handset is outside the range of the base. The handset is not registered. The base is not switched on.	Move the handset nearer to the base.  Register the handset (see page 9 and see page 134).  Check the power connector at the base (page 8).
... the handset does not ring?	The ringer is switched off.  Internal call forwarding is set to 0 rings (= immediate call forwarding). Night service is active.	Activate the ringer of the handset (page 140). Increase the number of rings for the internal call forwarding (page 122). Deactivate Night service (page 110).
... the call units/charges are not displayed?	There are no metering pulses.  Factor per unit = 0.	Ask your network provider to transmit the metering pulses. Set the factor per unit (page 52).
... the phone number of the <b>caller is not displayed</b> even though CLIP is set?	Calling line identification is blocked.	The caller must ask his network provider to enable the transmission of his number (CLI).

## Appendix

What has happened when ...	Possible cause	Possible solution
... the calls list does not indicate a <b>time for a message</b> ?	Date/time are not set.	Set the date/time (page 104).
... the answering machine says "PIN is incorrect" during remote operation?	The entered system PIN is incorrect or still set to 0000.	Enter the system PIN again or set a PIN that is different from 0000 (page 113).
... the <b>answering machine</b> does not record any messages or has automatically <b>switched over</b> to 'announce only'?	Its memory is full.	Delete old messages Play back new messages and delete.
... the <b>handset does not ring</b> after setting up the ISDN phone number (MSN)?	Area prefix (town/city code) was saved with the MSN.	Save the MSN <b>without the</b> area prefix (page 117).
... You don't hear anything?	The  key was pressed – the microphone has been muted.	Press  to return to the call.
... You can't dial a phone number any longer?	The long distance prefix has changed. The telephone is blocked.	Check the long distance prefix and correct it (page 130). Check the status display, unlock the telephone if necessary (page 11).
... <b>don't receive any calls</b> ?	Call forwarding <b>Immediately</b> is activated. The assignment of the MSN to the internal party is missing. The authorisation <b>Internal only</b> is set.	Switch off call forwarding <b>Immediately</b> (page 122). Define the incoming MSN (page 118). Change the authorisation (page 114).
... during <b>call forwarding</b> the <b>forwarding conditions</b> are not displayed?	Internal call forwarding is activated.	Activate external call forwarding (page 122). Apply to have this activated by the network provider.
... the telephone also rings for fax-PC calls?	The phone number is in the phone number list of the base telephone.	Delete the corresponding phone number (MSN) in the list (page 118).
... the display shows <b>no call charges</b> ?	The call charge display is not set or this performance feature is not enabled by the network provider.	Activate the call charge display (page 52). Apply for the performance feature "charge transmission" from the network provider.
... you cannot access the <b>answering machine</b> ?	The answering machine block is activated.	Enter answering machine PIN (page 93).
... you cannot record any new information or <b>announcements</b> ?	The remaining memory is no longer sufficient.	Delete old messages / information (page 83). Lower the quality of the recordings (page 91).
... when dialling <b>with the PABX</b> no connection can be or the wrong connection is established?	The prefix code is either no entered or is incorrectly entered.	Check and correct the prefix code (page 144).
... <b>the handset</b> does not ring as set?	There is a different setting for the ringer melody for the MSN.	Change the ringer tone melody (page 120).
... it is not possible to access the <b>answering machine</b> from the <b>handset</b> ?	The handset is not assigned the incoming MSN of the answering machine.	Check the assignment (page 89).
... a few of the <b>ISDN functions</b> do not operate as indicated?	The ISDN function is not enabled.	Contact the network provider.

What has happened when ...	Possible cause	Possible solution
... another <b>telephone</b> on the So bus <b>does not ring</b> ?	The same MSN was assigned to the telephones. One of the telephones also has <b>internal</b> call forwarding activated.	Deactivate internal call forwarding or set external call forwarding (page 121).
... the caller hears the phone <b>ringing</b> although <b>the MSN is busy</b> ?	The MSN was saved in devices also used on the ISDN connection.	The phone number which is supposed to be used for call protection during a call should be deleted from the list of phone numbers for each individual additional device.
... the handset does <b>not receive</b> the <b>SMS</b> as text?	You are not registered with both SMS centres.	Register with the SMS centres (page 59).

### Service (Customer Care)

---

Our **online support** on the Internet:

**[www.my-siemens.com/customer-care](http://www.my-siemens.com/customer-care)**

If you need any repair work, or have a guarantee claim to submit, our

**Service-Center Ireland 18 50 77 72 77**

will give you quick and reliable assistance. Keep your till receipt handy. Please have your record of purchase ready when calling.

Replacement or repair services are not offered in countries where our product is not sold by authorised dealers.

Your Gigaset is intended for operation in your country, as depicted on the underside of the base station. Country-specific features have been taken into account.

The CE mark certifies conformity of the device with the essential requirements of the R&TTE directive.

#### **Excerpt from the original declaration**

"We, Siemens AG, declare that the above mentioned product is manufactured according to our Full Quality Assurance System certified by CETECOM ICT Services GmbH in compliance with ANNEX V of the R&TTE Directive 99/05/EC. The presumption of conformity with the essential requirements regarding Council Directive 99/5/EC is ensured"

Senior Approvals Manager

The Declaration of Conformity (DoC) has been signed. In case of need a copy of the original DoC can be made available via the company hotline.

**CE 0682**

## Specifications

---

### Recommended batteries

---

#### Nickel-metal-hydride (NiMH):

- ◆ Sanyo Twicell 700
- ◆ Sanyo Twicell 650
- ◆ Panasonic 700 mAh
- ◆ GP 700 mAh
- ◆ YDT AAA SUPER 700
- ◆ VARTA PhonePower AAA 700 mAh

### Handset operating times/charging times

---

Capacity (mAh)	Standby time (hours)	Calling time (hours)	Charging time (hours)
700	approx. 170 (7 days)	approx. 13	approx. 5

These operating and charging times apply only when using the recommended batteries.

### Power consumption

---

- ◆ In standby status (without charging): approximately 2.8 watts.
- ◆ In standby status (device charging): approximately 5.2 watts.
- ◆ While calling (without charging): approximately 3.2 watts.



## General Specifications

Feature	Value
DECT standard	is supported
GAP standard	is supported
No. of channels	60 duplex channels
Radio frequency range	1880–1900 MHz
Duplex method	time multiplex, 10 ms frame length
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language code	32 kbit/s
Transmission power	10 mW, average power per channel
Range	up to 300 m outdoors, up to 50 m indoors
Power supply/Base	220/230 V ~/ 50 Hz (Power supply unit C39280-Z4-C373)
ISDN socket	EuroISDN multi-device connection IAE
Environmental conditions for operation	+5 °C to +45 °C; 20 % to 75 % humidity
Dialling mode	DTMF (tone dialling)/DP (dial pulsing)
Dimensions/Base	approx. 129 x 114 x 63 mm (L x W x H)
Dimensions/Handset	approx. 146 x 55 x 27 mm (L x W x H)
Weight	Base 160 g Handset with battery cells approx. 131 g
Length of the cords	Telephone connecting cord approx. 1.85 m Mains cable approx. 1.85 m

## Character set chart

### Standard characters

Press the relevant key repeatedly or hold it down.

	1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x	11 x	12 x	13 x	14 x
	Space	1	€	£	\$	¥	¤							
	a	b	c	2	ä	á	à	â	ã	ç				
	d	e	f	3	ë	é	è	ê						
	g	h	i	4	ï	í	ì	î						
	j	k	l	5										
	m	n	o	6	ö	ñ	ó	ò	ô	õ				
	p	q	r	s	7	ß								
	t	u	v	8	ü	ú	ù	û						
	w	x	y	z	9	ÿ	ý	æ	ø	å				
	.	,	?	!	0	+	-	:	¿	¡	"	'	;	_
	Abc-> abc	abc-> 123	*	/	(	)	<	=	>	%				
	#	@	\	&	§									

### Creating and editing text (without predictive text)

You can create and edit text in a number of ways:

- ◆ The cursor is controlled with .
- ◆ Characters (to the left of the cursor) are deleted with .
- ◆ Characters are added to the left of the cursor (page 13).
- ◆ To switch from upper case (first letter upper case, all other letters lower case) to lower case, press the key before you enter the letter. Pressing again switches from lower case letters to digits. Press again to return to upper case letters.
- ◆ The first letter of the name of directory entries is automatically capitalised, followed by lower case letters.
- ◆ When you press a key **and hold it**, the characters of that key appear in the **bottom display line** and are highlighted one after the other. When you release the key the highlighted character is inserted into the input field.

You can see in the display whether upper case, lower case or digits are selected:

- 'A' or 'a' appears on the bottom display line when you make an entry in the directory.
- when entering an SMS "Abc", "abc" or "123" is in the upper right part of the display

## Appendix

### Order of directory entries

The directory entries are sorted alphabetically as a rule, but spaces and digits have first priority. The **sorting order** is as follows:

1. Space (shown here as `␣`)
2. Digits (0–9)
3. Letters (alphabetical)
4. Other characters

If you would like to work around the alphabetical order of the entries in the directory, insert a space before the name. This entry then goes to the first position (example: „`␣Carla`“). You can also number the entries with digits (e.g. "1Juliet", "2Mary", "3Henry").

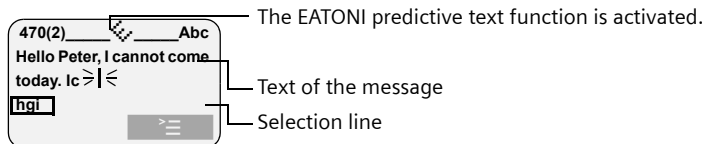
Names that have a star before it (e.g., "`*Juliet`"), are at the end of the directory.

## Predictive text

The EATONI predictive text helps you to write:



- ◆ SMS
- ◆ Names in the directory
- ◆ Names in the speed dial list
- ◆ Names in the email directory

Each key between **0+** and **9+xyz** is assigned **several letters and characters** which all appear on a **selection line** immediately beneath the text area (above the display icons) as soon as you press a key. When you are entering letters, the letter you are **most probably** looking for is **greyed**. This letter is at the beginning of the selection line and is transferred to the text area.



If this letter is the one you want, confirm it by pressing the next key. If the letter selected by the predictive text is not the one you want, then press the **hash key** **#→** repeatedly until the required letter appears greyed in the display line and is transferred to the text area.




### Key function when predictive text is activated

	Press the star key <b>briefly for approximately 2 seconds</b> : Change from mode "abc" to "Abc", from "Abc" to "123" and from "123" to "abc" (also applicable to the letters following).
	Goes to the next letter in the selection list (greyed).

### Deactivating/activating predictive text

Predictive text is activated and deactivated according to specific functions. Even if you have deactivated predictive text when entering a name in the telephone for instance, it is still available for writing text messages.

**Prerequisite:** You are in a text input field (SMS, name in the directory, speed dial list or email directory).

	Open the menu.
 <b>Predictive Text</b> <b>OK</b>	Select the menu item and confirm (✓ = activated).
	Press the 'end call' key <b>briefly</b> to return to the text area. Now enter your text.

### Guarantee certificate (Ireland)

Without prejudice to any claim the user (customer) may have in relation to the dealer or retailer, the customer shall be granted a manufacturer's Guarantee under the conditions set out below:

- ◆ In the case of new devices and their components exhibiting defects resulting from manufacturing and/or material faults within 24 months of purchase, Siemens shall, at its own option and free of charge, either replace the device with another device reflecting the current state of the art, or repair the said device. In respect of parts subject to wear and tear (including but not limited to, batteries, keypads, casing), this warranty shall be valid for six months from the date of purchase.
- ◆ This Guarantee shall be invalid if the device defect is attributable to improper care or use and/or failure to comply with information contained in the user manuals. In particular claims under the Guarantee cannot be made if:
  - the device is opened (this is classed as third party intervention)
  - Repairs or other work done by persons not authorised by Siemens.
  - Components on the printed circuit board are manipulated
  - The software is manipulated
  - Defects or damage caused by dropping, breaking, lightning or ingress of moisture. This also applies if defects or damage was caused by mechanical, chemical, radio interference or thermal factors (e.g.: microwave, sauna etc.)
  - Devices fitted with accessories not authorised by Siemens
- ◆ This Guarantee shall not apply to or extend to services performed by the authorised dealer or the customer themselves (e.g. installation, configuration, software downloads). User manuals and any software supplied on a separate data medium shall be excluded from the Guarantee.
- ◆ The purchase receipt, together with the date of purchase, shall be required as evidence for invoking the Guarantee. Claims under the Guarantee must be submitted within two months of the Guarantee default becoming evident.
- ◆ Ownership of devices or components replaced by and returned to Siemens shall vest in Siemens.
- ◆ This Guarantee shall apply to new devices purchased in the European Union. For Products sold in the Republic of Ireland the Guarantee is issued by Siemens Ireland Limited, Ballymoss Road, Sandyford Industrial Estate, Dublin 18 – The Republic of Ireland.
- ◆ Any other claims resulting out of or in connection with the device shall be excluded from this Guarantee. Nothing in this Guarantee shall attempt to limit or exclude a Customer's Statutory Rights, nor the manufacturer's liability for death or personal injury resulting from its negligence.
- ◆ The duration of the Guarantee shall not be extended by services rendered under the terms of the Guarantee.
- ◆ Insofar as no Guarantee default exists, Siemens reserves the right to charge the customer for replacement or repair.
- ◆ The above provisions does not imply a change in the burden of proof to the detriment of the customer.
- ◆ To invoke this Guarantee, please contact the Siemens helpdesk on 1850 777 277. This number is also to be found in the accompanying user guide.

# Compatibility

You can see in the list which functions are supported by your S1 handset or by handsets of other manufacturers. A maximum of 4 handsets can be registered (also see page 134).

Function	S1/SL1	C1/C2	Gigaset 4000 Classic	Gigaset 4000 Comfort	Other manufac turers
Registering	+	+	+	+	+
Dial	+	+	+	+	+
Charge display	+	-	-	+	-
Call duration	+	+	+	+	+
Ringback	+	+	-	+	-
Display phone numbers CLIP	+	+	+	+	-
Accept call waiting	+	+	Ⓡ	+	R key
Reject call waiting	+	+	-	+	-
Transfer external calls	+	+	+	+	R key, then 0 key
Three-way conference call	+	+	-	+	-
Toggling	+	+	Ⓡ	+	R key
Enquiry call (external)	+	+	Ⓡ	+	R key
Internal collective call (for deactivated autom. line seizure)	+	+	Line seizure, Ⓡ△	+	Line seizure, then * key
Internal call (for deactivated autom. line seizure)	+	+	Line seizure, 11-16	+	Line seizure, 11-16
Display new message	+	+	-	+	-
Check calls list	+	+	-	+	-
Ringer different for each MSN	+	+	-	+	-
Last number redial	+	+	+	+	depends on manufactu rer
Dial from local directory	+	+	+	+	depends on manufactu rer
Sending/receiving text messages	+	+	-	+	-

# Menu table

## Main menu

In the main menu, you can also select a menu function by opening the menu and keying in the digit combination ('shortcut').

**Example:** 5 jkl 2 abc 4 ghij for "set ringer for the alarm clock".

With the telephone in the **idle status**, press (open menu):

1	SMS	Write message			
		Inbox 2/5			
		Outbox 2			
3	Add. Features	3-1	Room Monitor		
		3-2	Walk and Talk		
4	Calendar/ Clock	4-1	Set Appoints.		
		4-2	Alarm Clock		
		4-3	Missed Dates		
		4-4	Date/Time		
5	Audio Settings	5-1	Handset Volume		
		5-2	Ringer Settings	5-2-1	Ext. Calls
				5-2-2	Internal Calls
				5-2-3	Appointments
				5-2-4	Alarm
				5-2-5	All
		5-3	Advisory Tones		
		5-4	Ringer Echo		
6	Call Charges	Cost overview			
		Type of calcul.		Units cent.off.	
				Costs cent.off.	
				No rate	
				Rate --.--	
				Rate ----	
		Last charge			
7	H/Set Settings	7-1	Auto Answer		
		7-2	Language		
		7-3	Register H/Set	(List)	
		7-4	Select Base	7-4-1	Base 1
				7-4-...	[to]
				7-4-4	Base 4
				7-4-5	Best Base
		7-5	Screen Picture		
		7-6	Reset Handset		

8	Base Settings		→ To continue see submenu Setting the base (page 159)
9	Answer Machine	AM1	→ To continue see submenu Answering machine
		AM2	
		AM3	

## Submenu "Base Settings"

To begin: With the handset in **idle status** press **Base Settings** **OK** or **8** **nav** :

Status	Callback			
	Withhold no.	} ✓ = on		
	Call forwarding			
	Ext.occupations			
	AM1 on			
	AM2 on			
	AM3 on			
Missed calls	(phone number list) -> Calls list menu (page 48)			
Accepted calls	(phone number list) -> Calls list menu (page 48)			
Call preparat.	Temp.withhold			
	MSN next call	(select MSN)		
	Temp. keypad			
	Canc. call park			
Ext. call forw.	List of external forwarding	New entry	List of MSN	Immediately
				On busy (only for call forwarding in the telephone exchange, see page 125)
				On no reply
		Activate?	or Deactivate? - if call forwarding is activated	
		Edit entry	Immediately	
				On busy (only for call forwarding in the telephone exchange, see page 125)
				On no reply
		Delete entry		





# Menu table

Int. call forw.	Activate?	or Deactivate? – if call forwarding is activated		
	Forward. dest.	<i>List of internal parties</i>		
	No. of rings	(enter the number)		
Night service	<i>List of MSN</i>	Activate?	<i>or Deactivate?</i> <i>– if Night service is activated</i>	
		Forward. dest.	External	<i>Number editor</i>
			Internal	<i>List of handsets</i>
			Answering mach.	<i>List of handsets</i>
		Start time		
		End time		
		Sat/Sun all day		
Settings	Security	Change PIN	Enter PIN	
		Authorisation	<i>List of internal parties</i>	Unrestricted
				Incoming only
				Internal only
		Emergency nos.	<i>Emergency numbers (pre-set)</i>	
			<i>Emergency numbers</i>	Change number
				Delete number
				Display number
	Setup user	Setup device	<i>List of internal numbers</i> →	<i>Device type specific submenu</i>
		De-reg. device	<i>List of internal parties</i>	<i>Select device</i>
	System settings	Music on hold	Internal	
			Off	
		Date/time	Set time	
			24 hours	} ✓ = on
			12 hours	
			Date DD.MM	
			Date MM.DD	
		Access code		
		AM auto. pickup		
		Spec. function	Factory setting	Operational
				Reset all
			Dial properties	Standard dial
				Auto keypad
				Dial * and #
		Repeater		
		SW version		
		Ext.room monit.	<i>'Call to' number display</i>	Change number
				Delete number

Installation	ISDN settings	Set up MSN	<i>List of all set up MSNs</i>	Edit entry
				Ringer melody
				Delete entry
				Display entry
		Withhold no.		
		Forward. dest.	<i>(Enter phone number)</i>	
		Lg.-dist. code	National : 0	Change number
			Internat.: 00	Delete number
		Int. enq. call		
		Ext. enq. call		
		Transfer(ECT)		
		Forward. base		
		Forward. netw.		
		Reject all		
		Busy on busy		
	Auto.forwarding	<i>List of all set up MSNs</i>		
	Call beats data			
	Service centres	(List of SMS service centres)	Edit entry	
			Serv.centre on?or Serv.centre off?	
			Delete entry	

# Menu table





## Submenu "Answer Machine"

To begin: With the handset in **idle status** press  **Answer Machine** **OK** or  **9www** select an answering machine, e.g., **AM1** , and confirm with **OK**.

Messages	<i>List of all ABx messages</i>	Continue		
		Delete message		
		Call back		
		NET list		
		Repeat		
		Del.old messages		
		Display		
		Status to 'new'		
		Save number		
		Speed	Slow	
			Normal speed	
			Fast	
			Very fast	
		Exit		
Memos	Record memo	<i>List of all ABx memos</i>	Continue	
			Delete curr.memo	
			Repeat	
			Delete old memos	
			Status to 'new'	
			Speed	Slow
				Normal speed
				Fast
				Very fast
			Exit	
			Announcements	Announcement 1
Announcement 2				
Announcem. only				
Concl.announcement				
	Record		Record	
	Play back		Play back	
	Delete		Delete	

Settings	Message/Memo	Message length	1 minute		
			2 minutes		
			3 minutes		
			Maximum		
		Time stamp			
	Time control	Activate?	<i>or Deactivate? – if time control is activated</i>		
		Mon - Fri	<i>List of four adjustable time periods</i>	Select ann.	Announcement 1
					Announcement 2
					Announcem. only
					AM off
				Start time	
		Saturday	As for Mon-Fri		
		Sunday	Ann. 1 24h		
			Ann. 2 24h		
			Ann. only 24h		
			AM off		
	No. of rings	Automatic 2/4			
		1 ring tone			
		<i>to</i>			
		9 ring tone			
	Automatic pause				
	Remote options	Remote control			
		Remote delete			
	Change AM-PIN				
	AM lock				
	AM quality	High quality			
		Long recording			
	Aut. listen in	Activate?	<i>or Deactivate? – if activated</i>		
		Select MT			
	SMS notificat.	Activate?	<i>or Deactivate? – if activated</i>		
		Change number			
		Delete number			
Activate?	<i>or Deactivate? – if currently activated</i>				

### Directory key and speed dial list key

Press the directory key  or the speed dial list key , select an entry with  and press  to open the required list. The following **menu functions** are available:

Display Number	
Edit Entry	
Delete Entry	
VIP Entry	For the directory only (s)
Copy and Edit	For the directory only (s)
Copy Entry	
Delete List	
Copy List	
Available Memory	

# Accessories

## Gigaset handsets

Turn your Gigaset into a cordless telephone system:



### Gigaset Handset S 1

- ◆ Large illuminated graphic display with date and time
- ◆ Directory for around 200 entries
- ◆ Full duplex grade handsfree
- ◆ SMS
- ◆ EATONI predictive text
- ◆ Caller-based ringer melody setting (for VIP calls)
- ◆ Download capability of melodies per SMS
- ◆ Room monitor
- ◆ Walk and Talk
- ◆ Voice selection for 29 names
- ◆ Announce name when calling



### Gigaset Handset SL 1

- ◆ Large illuminated graphic display with date and time
- ◆ Illuminated keypad
- ◆ Directory for around 200 entries
- ◆ Full duplex grade handsfree
- ◆ SMS
- ◆ EATONI predictive text
- ◆ Caller-based ringer melody setting (for VIP calls)
- ◆ Download capability of melodies per SMS
- ◆ Room monitor
- ◆ Walk and Talk
- ◆ Voice selection for 29 names
- ◆ Announce name when calling
- ◆ Vibration alarm
- ◆ Connector jack for headset, PC, and MP3 player



### Gigaset Handset C 2

- ◆ Graphic display with date and time
- ◆ Directory for around 100 entries
- ◆ Handsfree talking
- ◆ SMS
- ◆ EATONI predictive text
- ◆ Caller-based ringer melody setting (for VIP calls)
- ◆ Room monitor
- ◆ Walk and Talk



### Gigaset Handset C 1

- ◆ Graphic display with date and time
- ◆ Directory for around 50 entries
- ◆ Handsfree talking
- ◆ SMS

### Gigaset repeater



The Gigaset repeater can be used to increase the reception range of your Gigaset handset to the base.

### Mobile handsfree set with PTT key



The mobile handsfree set allows you to make calls and have your hands free.

Calls can also heard by others on the handset.

All accessories and batteries are available from your mobile phone retailer. Or you can order direct online from the my-siemens Online Shop: [www.my-siemens.de/shop](http://www.my-siemens.de/shop) or call: 0180 5333 225 (0.12 Euro/min.).

The Online Shop also has the latest product information.



# ISDN glossary

## A

---

### AOC-D

Advice of Charge: During the Call. Transfers the charge information during the connection.

### AOC-E

Advice of Charge: at the End of the Call. Transfers the charge information at the end of the connection.

### Authorisation classes

Which connections are allowed is defined on the end devices of a PABX, e.g., only internal, incoming, or unlimited call authorisation.

### Automatic redial

Several attempts to call are made automatically when the line is busy.

### Automatic ringback

See "ringback when busy"

## B

---

### Block dial

See also dial preparation. You can dial the phone number first and then correct it as necessary. Then you lift the handset or press the loudspeaker key.

## C

---

### Call diversion during the call phase

CD, Call Deflection. Must be explicitly enabled by the network provider for each ISDN connection. CD enables an incoming call to be forwarded to any phone number while it is ringing, without having to answer the call. Because the caller has no effect on where it is forwarded (for example, to a mobile phone), you will pay the resulting charges. The caller must only pay the normal telephone charges to the connection he dialled.

### Call forwarding

CF, Call Forwarding. You want to permanently forward all calls to another number. Call forwarding can be used externally via the telephone exchange or internally in the device. Call forwarding can be separately set up for each individual phone number (MSN) (on holiday on the mobile phone, in the office, to the neighbours, etc.).

It is done in the local telephone exchange of the network provider. The call does not reach the original number.

There are three types of call forwarding: immediate (CFU, Call Forwarding Unconditional), when busy (CFB, Call Forwarding Busy) and with no reply (CFNR, Call Forwarding No Reply).

**Call forwarding (via the second B-channel) / internal call forwarding**

While external call forwarding takes place in the local telephone exchange of the network provider, internal call forwarding is implemented by your telephone. Your telephone sends the call over the second telephone line of your ISDN connection. Thus **both telephone lines are occupied for the duration of a call**. The resulting connection charges to the forwarded phone number will be charged to you. However, you save the network provider charges for this function.

**Call waiting**

CW, Call Waiting. Performance feature of network provider. A signal tone is given during a call when another caller calls. ISDN telephones also signal this on the display. You can decide if you want to take the second call or not.

**Call waiting protection**

Deactivates the call waiting signal.

**Caller identification**

Displays the phone number, name, or type of connection (e.g., telephone exchange/ internal) of the caller on the telephone display.

**Calls list**

The calls list contains the callers you didn't speak with, or those you spoke with, depending on the settings. The last 20 missed and 20 answered calls with phone number, date, and time, are saved. The parties can be called back directly from this list, if desired.

**Capture**

Performance feature "Identify/capture". MCID stands for "Malicious Call Identification". If you receive annoying calls, you can have the telephone exchange store the caller number. This performance feature must be requested from the network provider.

**CCBS (Completion of calls to busy subscriber)**

See "Ringback when busy"

**CCNR (Completion of calls no reply)**

See "Ringback when the call is not answered"

**CD (Call Deflection)**

See "Call diversion during the call phase"

**CF (Call Forwarding)**

See "Call forwarding"

**Channel**

The ISDN connection comes into the house like an analogue telephone connection, via two wires. But this difference with ISDN are the two logical operating channels, called B-channels (which have nothing to do with the actual wires!), and the control channel called the D channel.

**Charge detail display**

See "AOC-D" and "AOC-E".

**CLI (Calling Line Identification)**

The phone number of the caller is transferred.

### **CLIP (Calling Line Identification Presentation)**

Party A calls B. The phone number of A appears on the telephone display of B.

### **CLIR (Calling Line Identification Restriction)**

Blocking the display of your own phone number.

### **CNIP (Calling Name Identification Presentation)**

Party A calls B. The name of A appears on the telephone display of B.

### **COLP (Connected line identification presentation)**

Party A calls B. The phone number of B appears on the telephone of A. If B has programmed call diversion to C: then the dialled number and transferred number are not identical, and the phone number of C is displayed if C permits his phone number to be displayed.

### **COLR (Connected line identification restriction)**

The phone number of C is not displayed to A if C has set up COLR.

### **Comfort connection**

An ISDN connection which offers three performance features in addition to the standard connection: Call diversion, transfer of charges after the connection, and a T-mailbox.

### **Conference switching**

See "Three-way conference call"

### **CW (Call Waiting)**

See "Call waiting"

## **D**

---

### **D-channel**

Control channel of an ISDN connection. See "Channel"

### **Dial preparation, see also "Block dial"**

With some telephones with displays, you can first enter the phone number, check it, and then dial it.

### **Digital telephone exchange**

Computer controlled coupling fields provide a quick connection and the activation of convenience features such as => enquiry call, => call waiting, => three-way conference call, => call diversion, etc.

### **Direct call**

Block the telephone for all phone numbers except for an individually entered number. After picking up the handset and pressing any key, the connection to the saved phone number is established. Ideal for children who cannot yet dial phone numbers (baby call). Calling an emergency number is always possible. This function is available on the Gigaset 3000/2000 Comfort handsets.

### **Directory**

Convenience feature of a telephone, which saves the name and phone number of multiple parties. The phone numbers can be found and dialled quickly.

**E**

---

**ECT (Explicit call transfer)**

See "Transferring"

**Electronic code lock**

Personal identification number (=> PIN), used to protect a telephone from unauthorised calling— only emergency calling is possible. Incoming calls can be answered.

**Enquiry call**

You are making a call. Using the function "enquiry call" you interrupt the call temporarily to establish a second external or internal connection to another party. When you end the connection to this party immediately, this was an enquiry call. If you switch back and forth between the first and second party, this is called toggling.

**Exchange authorisation level**

The various parties of the base telephone can be assigned different authorisation levels. For example, while party A may only answer incoming calls, party B has can make unlimited calls.

**H**

---

**Handsfree talking**

The handsfree unit of the telephone allows not only listening to, but also speaking with the party via a built-in microphone while the handset is not picked up. This allows others in the room to take part in the call.

**Hold**

(Hold). Interrupt and restore an existing connection. Especially enables enquiry calls and toggling.

**I**

---

**Internal call**

Connection between base telephone and handsets, free of charge.

**Internal ringer**

Special signalling to the PABX to distinguish between internal and external calls.

**ISDN**

Abbreviation for Integrated Services Digital Network, i.e., the services of an integrated digital network. Here integration means telephone, fax, or data transmission.

**ISDN abbreviations**

CW	Call waiting
CF	Call forwarding
3PTY	Three-way conference call
CCBS	Ringback when the number is busy
CD	Call forwarding during the call phase

### K

---

#### **Keypad**

The keypad supports special functions such as the star (\*) and hash (#). In this way, special functions offered by your network provider can be initiated using a code, such as "#4711\*".

### M

---

#### **MCID (Malicious call identification)**

See "Capture"

#### **MSN**

Multiple Subscriber Number. The phone numbers of an ISDN multi-device connection. They are used to directly address end devices such as a separate number for a fax machine. There are three MSN in the basic price for the standard and comfort connection. Up to ten MSN can be assigned to one ISDN connection.

#### **Multi-device connection**

ISDN connection that has up to ten MSN available, in contrast to the system connection with one call director number block. This is the most commonly used type of ISDN connection for private customers.

#### **Multiple Subscriber Number**

See "MSN"

#### **Music on hold**

See "Waiting melody"

#### **Mute**

Convenience feature for telephones, which deactivates the built-in microphone (in handset or handsfree unit).

### N

---

#### **Notebook function**

You can enter a phone number in the buffer memory of the telephone, so it can be dialled later.

#### **NT/NTBA**

Network terminating device (NT = Network Terminator or NTBA = Network Terminator Basic Access). The public T-ISDN ends with the NT. The NT forms the bridge to the existing phone outlet. Only the NT can and may be connected to the phone outlet. Analogue end devices must not be connected to the phone outlet. ISDN end devices and other ISDN outlets are connected to the NT.

### O

---

#### **Open listening**

By pressing a button, everyone in the room can participate in a phone call via the built-in loudspeaker. See also "handsfree talking".

**Outgoing MSN, freely selectable**

A performance feature which helps you to individually determine which MSN should be used for the following call. This is not only important for the phone number display on the called handset but also for billing charges. This is because call charges, which can be broken down free of charge according to MSN on the network provider invoice, are billed according to the MSN used to make the call.

**P**

---

**Parking**

A call is parked when you want to unplug the telephone during a call, or you want to continue your call from another telephone with the same connection. The connection is retained while it is parked.

**PIN**

Abbreviation for Personal Identification Number. It is used as protection against unauthorised use, such as system PIN, answering machine PIN, handset PIN.

**R**

---

**Remote access**

Answering machine function. Listen to messages remotely, mostly together with options like delete messages or change announcements.

**Remote activation**

Allows the answering machine to be activated/deactivated with PIN protection during a telephone connection.

**Repeater**

With a repeater you can increase the range of handsets connected to a base telephone. This device receives the wireless signal of the base telephone and broadcasts it further.

**Ring delay**

For each internal party, you can specify how many rings take place before this party hears the ring. This can also be set for each MSN phone number.

For example, your handset, in addition to the base telephone (which rings on the first ring) could ring after three rings for the private phone number, and ring on the first ring for the business phone number.

**Ringback when the call is not answered**

If a called party does not answer a call, the caller can set up an automatic ringback. As soon as the destination party has established a connection and is free again, the caller will get a ringback. This performance feature must be supported by the telephone exchange. The ringback request is automatically cancelled after approximately 2 hours (depending on the telephone exchange).

**Ringback when the number is busy**

First the caller must activate ringback for his end device. A connection is automatically established as soon as the destination connection is no longer busy. When the connection is available, the caller is signalled. As soon as the caller picks up his handset, the connection is established automatically.

### S

---

#### **S0 bus**

Four-strand wiring of an ISDN connection. It provides two B-channels and one D-channel. Up to twelve ISDN outlets can be connected to the S0 bus, and a maximum of eight end devices can be used simultaneously.

#### **Standard connection**

ISDN connection with a series of performance features such as call waiting, three-way conference call, or ringback when busy. See also "Comfort connection".

### T

---

#### **Telephone exchange**

Node in the public telephone network. A general distinction is made between local telephone exchanges and long distance telephone exchanges.

#### **Three-way conference call**

3PTY, Three-party. Connection to two external parties (ISDN or analogue network customer).

#### **Toggling**

Toggling allows two external parties to switch back and forth without the waiting party hearing anything.

### TP

Terminal Portability, see "Unplugging on the bus".

#### **Transferring (to some extent for ISDN PABX)**

ECT (Explicit call transfer). Party A calls party B. Party A established the connection and calls party C. Instead of connecting everyone in a three-way conference call, A transfers party B to C and hangs up.

#### **Two-way recording of telephone calls**

Performance feature of the answering machine which allows a call to be recorded after it has been answered.

### U

---

#### **Unplugging on the bus**

TP, Terminal Portability. Also called parking. An incoming call can be put on hold for up to three minutes in the local telephone exchange, so that for example another telephone, another fax machine, or a PC can be used. In the meantime, the caller hears an announcement.

### W

---

#### **Waiting melody**

Music on hold. During an enquiry call or a transfer, a melody is played which is heard by the party waiting.

#### **Withhold own phone number (CLIR)**

Deactivates transferring your own phone number.

# Index

## A

- AB, see Answering Machine
- Access code . . . . . 144
- Accessories . . . . . 165
- Acknowledge tones . . . . . 141
- Activating
  - Advisory tones . . . . . 141
  - Alarm clock . . . . . 105
  - Alert tone . . . . . 141
  - Answering machine . . . . . 76
  - Appointment . . . . . 107
  - Automatic pause (answering machine) . . . . . 92
  - Call pick up (answering machine) . . 97
  - Call screening on an answering machine . . . . . 96
  - Call waiting . . . . . 128
  - Handset . . . . . 11
  - Keypad . . . . . 146
  - Logo (SMS) . . . . . 72
  - Night service . . . . . 112
  - Predictive text . . . . . 155
  - Repeater . . . . . 143
  - Ring delay . . . . . 137
  - Ringer tone . . . . . 140
  - Room monitor . . . . . 100
  - SMS active send service centre . . . 58
  - SMS notification . . . . . 97
  - Spoken date/time (answering machine) . . . . . 91
  - Walk and Talk mode . . . . . 103
- Activating Identify caller . . . . . 26
- Activating the automatic pause . . . . 92
- Activating/deactivating advisory tones . . . . . 141
- Activating/deactivating keypad lock . . 11
- Active send service centre, see SMS
- Adjusting
  - Loudspeaker volume . . . . . 138
- Alarm clock
  - Activating the . . . . . 105
  - Setting . . . . . 105
  - Switching off . . . . . 106
- Alert tone
  - Activating the . . . . . 141
  - Deactivating . . . . . 141
- Anniversary
  - Deleting the . . . . . 109
  - Missed . . . . . 109
  - Saving the . . . . . 41
- Anniversary reminder call. . . . . 41
- Announce only (answering machine) . 75
- Announcement (answering machine) . 75
- Answer and record (answering machine)
  - Length . . . . . 92
  - Quality . . . . . 92
- Answer and record (answering machine) . . . . . 75
- Answering a call . . . . . 21
- Answering machine . . . . . 75, 89
  - Activating . . . . . 76
  - Activating the automatic pause . . . 92
  - Activating/deactivating the lock . . . 93
  - Assigning the incoming MSN . . . . . 89
  - Automatic call pick up . . . . . 97
  - Automatic call screening . . . . . 96
  - Blocking . . . . . 93
  - Changing the announcement . . . . . 77
  - Checking the settings . . . . . 85
  - Checking the status . . . . . 84
  - Deactivating . . . . . 76
  - Defining the PIN . . . . . 93
  - Deleting announcement . . . . . 78
  - Deleting memos . . . . . 83
  - Deleting messages . . . . . 83
  - Hide . . . . . 17
  - Hiding . . . . . 90
  - Listening to memos . . . . . 82
  - Memory is full . . . . . 77, 91
  - Memos . . . . . 75
  - Messages . . . . . 75
  - Notification of SMS . . . . . 97
  - Phone numbers in the directory . . . 84
  - Play back messages . . . . . 80
  - Playing announcement . . . . . 78
  - Recording a memo . . . . . 78
  - Recording announcement . . . . . 77
  - Remaining memory time . . . . . 76
  - Remote operation . . . . . 85
  - Remote operation (key sequence) . . 87
  - Ringback during playback . . . . . 81
  - Selecting the . . . . . 76



# Index

Setting	89
Setting the playback speed	82
Setting the time control	93
Showing	90
Specifying the recording quality	91
Specifying the recording time	91
Specifying the rings before AB start	91
Spoken date/time	91
Two way recording	79
Using	75
Appointment	
Activating the	107
Cancelling	108
Deleting the	109
Missed	109
Setting	107
Setting the ringer	140
Area code	62
Area prefix, see area code	
Assigning	
Incoming MSN	118
Outgoing MSN	119
Phone number (MSN)	118
Ringer melody for MSN	120
Assigning the ringer melody	120
Automatic redial	47
Available memory, see SMS	
<b>B</b>	
Base	
Change	136
Changing the name	138
Connecting the device	8
Installing the	6, 7
Operating the	14
Basic	
Settings	16
Batteries	
Charge status	1, 10
Charging	10
Display	10
Inserting	9
Recommended	6, 151
Battery tone	141

## C

### Call

Answering	1, 21
Continuing	33
Ending	1, 20
Forwarding	30, 121
Internal transfer (connect)	20
Parking	33
Rejecting	24
Setting for external	139
Setting the ringer	139, 140
Transfer	144
Transferring	31
Two way record	79
Call costs, see Charges	
Call hold	33
Call pick up on an answering machine	97
Call Pickup	23
Call screening on an answering machine	96
Call waiting	
Activating	128
Deactivating	128
Call-by-Call numbers	34, 51
Calling back a caller	49
Calling back an SMS sender	69
Calling back from calls list	49
Calling Line Identification	
Withholding	21
Calls list	48
Opening the	49
Cancel	
Function	1
Process	13
Cancel function	1
Care of the telephone	147
Carrying clip	10
CD	125
Changing	
Announcement (answering machine)	77
Base name	138
Display language	137
Email address	45
Handsfree volume	23
Long distance prefix	130
Name for an internal party	116
Ringer tone	139
System PIN	113
User name for voice pattern	44

- Changing a user name (voice pattern) 44
- Changing the (display) language . . . 137
- Changing the long distance prefix . . 130
- Changing the name of the base . . . 138
- Changing the System PIN . . . . . 113
- Character set chart . . . . . 153
- Charge overview
  - Displaying the . . . . . 54
- Charge status of the batteries . . . . 1, 10
- Charging the batteries. . . . . 10
- Checking
  - Answering machine settings. . . . . 85
  - Software version . . . . . 133
  - Status of the answering machine . . 84
  - Status of the settings . . . . . 132
- CNIP . . . . . 39, 170
- Compatibility . . . . . 157
- Conference switching . . . . . 30
- Confirmation tone. . . . . 13, 141
- Connecting the base . . . . . 8
- Control key. . . . . 1, 12
- Copying an email address . . . . . 45
- Correcting wrong entries. . . . . 13
- Cost overview
  - Deleting the . . . . . 54
- Cost, see Charges
- Cursor, see cursor
- Customer Care (Service) . . . . . 150
- Customer service . . . . . 150
- CW . . . . . 128
  
- D**
- Data modules . . . . . 143
- Date and time. . . . . 104
- Deactivating
  - Advisory tones. . . . . 141
  - Alert tone . . . . . 141
  - Answering machine . . . . . 76
  - Call pick up on an answering machine . . . . . 97
  - Call screening on an answering machine . . . . . 96
  - Call waiting . . . . . 128
  - Handset . . . . . 11
  - Keypad . . . . . 146
  - Logo (SMS) . . . . . 72
  - Night service . . . . . 112
  - Notification of SMS on answering machine. . . . . 97
  - Predictive text. . . . . 155
  - Repeater . . . . . 143
  - Ring delay . . . . . 137
  - Ringer tone . . . . . 140
  - Room monitor . . . . . 102
  - Spoken date/time (answering machine) . . . . . 91
  - Walk and Talk mode . . . . . 103
- Deactivating an SMS active send service centre . . . . . 58
- Defining
  - Authorisation . . . . . 114
  - Outgoing MSN . . . . . 25
- Defining authorisation . . . . . 114
- Delete
  - Anniversary . . . . . 109
  - Appointment . . . . . 109
  - Character . . . . . 13
  - Directory entry . . . . . 38
  - Email address . . . . . 45
  - Email directory . . . . . 45
  - ISDN phone numbers . . . . . 118
  - SMS entry . . . . . 63
  - SMS incoming message list . . . . . 67
  - SMS outgoing message list . . . . . 63
  - Speed dial list entry . . . . . 38
  - Voice patterns . . . . . 43
- Delete key . . . . . 13
- Deleting
  - Announcement (answering machine) . . . . . 78
  - Cost overview. . . . . 54
  - Memos (answering machine) . . . . 83
  - Messages (answering machine). . . . 83
- De-registering
  - From an SMS centre . . . . . 59
  - Handset . . . . . 136
- Dial
  - Cancel . . . . . 20
  - With directory. . . . . 36
  - With speed dial list . . . . . 36
- Dialling emergency numbers . . . . . 115
- Dialling pause
  - Enter . . . . . 1
- Directory . . . . . 34
  - Adding a phone number . . . . . 39, 84
  - Adding phone number from the directory . . . . . 39

# Index

- Adding phone number to
  - the directory . . . . . 39
- Copy phone numbers to
  - the directory . . . . . 70
- Delete an entry . . . . . 38
- Dial . . . . . 36
- Display and edit an entry . . . . . 36
- Marking an entry as VIP . . . . . 38
- Opening the . . . . . 1, 12
- Order of entries . . . . . 154
- Phone numbers from SMS text . . . . 69
- Saving an entry with a new name . . . 37
- Send . . . . . 40
- Send an entry to a handset . . . . . 40
- Storing a phone number . . . . . 35
- Use to enter phone number . . . . . 39
- Display
  - 12/24 hour display . . . . . 104
  - Call charges . . . . . 52
  - Call duration . . . . . 51
  - Changing the language . . . . . 137
  - Display keys . . . . . 12
  - In idle status . . . . . 14
  - Memory . . . . . 46
  - Missed anniversaries . . . . . 109
  - Missed appointments . . . . . 109
  - Phone number (CLI/CLIP) . . . . . 21
  - Phone number of the caller . . . . . 21
  - Removing the protective film . . . . . 9
- Display keys . . . . . 1
- Display the available memory . . . . . 46
- Displaying
  - Charge overview . . . . . 54
- Displaying call charges . . . . . 52
- Displaying the call duration . . . . . 51
- E
  - Earpiece mode . . . . . 23
  - EATONI (predictive text) . . . . . 155
  - ECT . . . . . 144
  - Editing
    - SMS in the outgoing message list . . 64
- Email address
  - Changing . . . . . 45
  - Copying . . . . . 45
  - Deleting the . . . . . 45
  - Saving the . . . . . 44
  - Viewing . . . . . 45
- Email directory . . . . . 44
  - Deleting the . . . . . 45
  - Opening the . . . . . 13
- Email service . . . . . 66
- Emergency numbers . . . . . 114
- Emoticon, see SMS
- End call key . . . . . 1, 20
- Ending
  - Call . . . . . 1, 20
- Enquiry call
  - External . . . . . 27
  - Internal . . . . . 28
  - Setting . . . . . 129
- Enter
  - Dialling pause . . . . . 1
  - MSN . . . . . 18
- Enter the PABX, access code . . . . . 19
- Entry (directory)
  - Deleting the . . . . . 38
  - Display and edit . . . . . 36
  - Find and dial . . . . . 36
- Error message, see SMS
- Error tone . . . . . 13, 141
- Errors when
  - Receiving an SMS . . . . . 73
  - Sending an SMS . . . . . 73
- Escape key . . . . . 13
- F
  - Factory settings
    - Handset . . . . . 142
    - Restoring the . . . . . 132
  - Fault tracing . . . . . 147
  - Finding an MSN . . . . . 17
  - Forwarding an SMS . . . . . 68
  - Forwarding calls . . . . . 121
- G
  - Getting started wizard . . . . . 14
    - Answering machine . . . . . 17
    - Incoming MSN . . . . . 18
    - Launching the . . . . . 16
    - MSN . . . . . 17, 18
    - Outgoing MSN . . . . . 19
    - PABX . . . . . 19
  - Gigaset
    - M101 Data . . . . . 143
    - M105 Data . . . . . 143
    - Repeater . . . . . 143
  - Group call to internal parties . . . . . 21

- H**
- Handset
- Activate/deactivate. . . . . 11
  - Activating the . . . . . 11
  - Belt clip . . . . . 10
  - Brief overview . . . . . 1
  - Changing for best reception . . . . . 136
  - Changing to another base . . . . . 136
  - Deactivating . . . . . 11
  - De-register . . . . . 136
  - Factory settings . . . . . 142
  - Idle status . . . . . 14
  - List . . . . . 12
  - Making calls . . . . . 20
  - Muting . . . . . 27
  - Operating and charging times . . . . . 151
  - Operating the . . . . . 9
  - Paging. . . . . 136
  - Register on another base . . . . . 136
  - Registering . . . . . 134
  - Restoring factory settings. . . . . 142
  - Settings (individual). . . . . 137
  - Transferring a call . . . . . 31
  - Using . . . . . 12
  - Using as room monitor. . . . . 99
  - Using as room monitor (Walk and Talk mode). . . . . 103
- Handset charging times. . . . . 151
- Handset operating time
- In room monitor mode. . . . . 99
  - In Walk and Talk mode . . . . . 102
- Handset operation . . . . . 1
- Handset volume . . . . . 138
- Handsfree key. . . . . 1
- Handsfree talking . . . . . 23
- Activate/deactivate. . . . . 23
  - Changing the volume. . . . . 23
- Hash key. . . . . 1
- Hearing aids . . . . . 6
- Hiding (answering machine) . . . . . 17, 90
- I**
- Idle status of the handset . . . . . 14
- Incoming message list (SMS) . . . . . 60, 66
- Deleting the . . . . . 67
  - Opening the . . . . . 66
- Incoming MSN
- Assigning . . . . . 118
  - Assigning for answering machines . . . . . 89
  - Settings. . . . . 18
- Initiate dialling . . . . . 1
- Input language (SMS) . . . . . 60
- Inserting the batteries . . . . . 9
- Installing the base . . . . . 6, 7
- Internal
- Making calls . . . . . 20
- Internal party, changing the name . . . . . 116
- ISDN cable. . . . . 8
- ISDN phone numbers (MSN)
- Deleting the . . . . . 118
  - Setting up a . . . . . 117
- K**
- Key 1 (fast access) . . . . . 1
- Keypad . . . . . 146
- Activating. . . . . 146
  - Deactivating. . . . . 146
- Keys . . . . . 12
- Activating/deactivating keypad lock . . . . . 11
  - Cancel . . . . . 13
  - Control key. . . . . 1, 12
  - Delete key . . . . . 13
  - Display keys . . . . . 1, 12
  - End call . . . . . 20
  - End call key . . . . . 1
  - Escape key . . . . . 13
  - Handsfree key . . . . . 1
  - Hash key . . . . . 1
  - Key 1 (fast access) . . . . . 1
  - Key click. . . . . 141
  - Key press (confirmation tone) . . . . . 141
  - Last number redial key . . . . . 13
  - Menu key. . . . . 13
  - Menu+ key . . . . . 13
  - Message key. . . . . 1
  - OK key . . . . . 13
  - On/Off key . . . . . 1
  - Recall key . . . . . 1
  - Speed dial list key . . . . . 1
  - Star key . . . . . 1
  - Talk key . . . . . 1, 20
- L**
- Last number redial. . . . . 1
- Automatic . . . . . 47
  - Delete list. . . . . 47
  - Key . . . . . 13
  - Manually . . . . . 46
- Last number redial key . . . . . 13
- Last number redial list . . . . . 46

## Index

- Launching the Getting started wizard . . . 16
- Linking, see SMS
- Liquid, contact with . . . . . 147
- List
  - Deleting the redialling list . . . . . 47
  - Email directory . . . . . 44
  - Handsets . . . . . 12
- Lock, activating/deactivating
  - keypad lock . . . . . 11
- Logo, see SMS
- M**
- M101 Data . . . . . 143
- M105 Data . . . . . 143
- Mains cable . . . . . 8
- Mains unit . . . . . 6, 8
- Making calls
  - Answering a call . . . . . 21, 23
  - External . . . . . 20
  - Internal . . . . . 20
  - Making an internal call . . . . . 20
  - Making external calls . . . . . 20
  - With multiple parties . . . . . 27
- Manual last number redial . . . . . 46
- Medical appliances . . . . . 6
- Melody (ringer) . . . . . 139
- Memos, see Answering Machine
- Menu
  - End tone . . . . . 141
  - Key . . . . . 13
  - Menus . . . . . 12
  - One menu level back . . . . . 13
  - Opening the . . . . . 1, 12
  - Table . . . . . 158
- Menu+ key . . . . . 13
- Message key . . . . . 1
  - Open list . . . . . 67
  - Opening lists . . . . . 48
- Messages, see Answering Machine
- Microphone . . . . . 1
- Missed
  - Anniversary . . . . . 109
  - Appointment . . . . . 109
- Move cursor . . . . . 12
- MSN
  - Assigning the ringer melody . . . . . 120
  - Entering . . . . . 18
  - Finding . . . . . 17
  - Incoming MSN . . . . . 18
  - Outgoing MSN . . . . . 19
- Muting the handset . . . . . 27
- N**
- Navigating the input field . . . . . 1
- Network provider (numbers list) . . . . . 34
- Night service . . . . . 110
  - Activating the . . . . . 112
  - Deactivating . . . . . 112
  - Entering the start and end time . . . 111
- Notes (spoken) see Memo
- Number, see phone number or entry
- O**
- OK key . . . . . 13
- On/Off key . . . . . 1
- Open
  - Battery compartment . . . . . 9
  - Directory . . . . . 12
  - Email directory . . . . . 13
  - Menu . . . . . 12
- Open the internal list . . . . . 1
- Opening
  - Calls list . . . . . 49
  - Directory . . . . . 1
  - Internal list . . . . . 1
  - Menu . . . . . 1
  - SMS attachment . . . . . 71
  - SMS incoming message list . . . . . 66
- Opening an attachment, see SMS
- Opening the battery compartment . . . . 9
- Operating the
  - Handset . . . . . 9
- Operating time
  - of the handset . . . . . 151
- Order in directory . . . . . 154
- Outgoing message list . . . . . 60, 62
- Outgoing MSN
  - Assigning . . . . . 119
  - Defining . . . . . 25
  - Setting . . . . . 19
  - Setting up the list . . . . . 119
- Outside line code, see access code

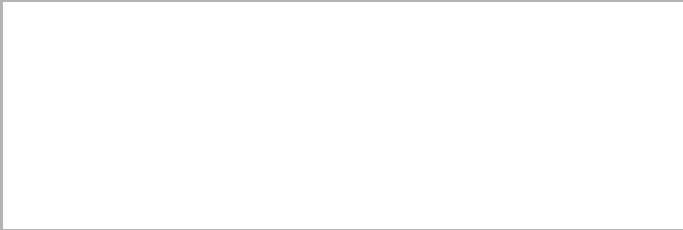
- P**
- PABX
    - Text messages to PABX . . . . . 73
    - Using with a PABX . . . . . 144
  - Package contents . . . . . 7
  - Page a handset . . . . . 136
  - Paging . . . . . 136
  - Phone cord . . . . . 8
  - Phone number
    - Adding from the directory . . . . . 39
    - Adding to the directory . . . . . 39
    - Displaying caller's . . . . . 21
    - Displaying the caller's (CLIP) . . . . . 21
    - Input from directory . . . . . 39
    - Into the directory (answering machine) . . . . . 84
    - Withholding identification . . . . . 22
  - Phone numbers
    - Assigning (MSN) . . . . . 118
    - From the SMS text into the directory 69
    - Into the directory (SMS) . . . . . 70
    - Managing those of SMS centres . . . 57
    - Saving in the speed dial list . . . . . 35
    - Storing in the directory . . . . . 35
  - Playback speed
    - Answering machine . . . . . 82
  - Playing
    - Announcement (answering machine) . . . . . 78
  - Playing voice patterns . . . . . 43
  - Predictive text . . . . . 61, 65, 155
    - Deactivating/activating . . . . . 155
  - Prefix, see area code
  - Preparing the telephone
    - Telephone . . . . . 7
  - Pre-setting the call forwarding
    - destination . . . . . 125
- Q**
- Questions and answers . . . . . 147
- R**
- Range . . . . . 7
  - Reading an SMS entry . . . . . 63
  - Recall key . . . . . 1
  - Receiving an SMS . . . . . 55, 66
  - Reception strength . . . . . 1, 7
- Recording**
- Announcement (answering machine) . . . . . 77
  - Call . . . . . 79
  - Memo (answering machine) . . . . . 78
  - Voice patterns . . . . . 42
- Registering**
- Repeater . . . . . 143
  - SMS centre . . . . . 59
- Registering/de-registering with an SMS centre . . . . . 59**
- Rejecting**
- Call . . . . . 24
  - Setting up for the MSN group . . . . 121
- Remote operation, see Answering Machine**
- Removing the protective film (display) . 9**
- Repeater . . . . . 143**
- Activating . . . . . 143
  - Deactivating . . . . . 143
  - Registering . . . . . 143
- Replying to an SMS . . . . . 68**
- Reserving a line . . . . . 24**
- Reset, see Factory settings**
- Restoring factory settings**
- Handset . . . . . 142
- Ring delay . . . . . 23, 137**
- Activating the . . . . . 137
  - Deactivating . . . . . 137
  - Setting up . . . . . 127
- Ringback**
- Activating . . . . . 25
  - Answering . . . . . 26
  - Checking the . . . . . 26
  - Deleting the . . . . . 26
  - When the call is not answered . . . . 25
  - When the number is busy . . . . . 25
- Ringer tone**
- Activating the . . . . . 140
  - Changing . . . . . 139
  - Deactivating . . . . . 140
  - Setting the melody . . . . . 139
  - Setting the volume . . . . . 139
  - Time control for volume . . . . . 139
- Room monitor . . . . . 99**
- Activating the . . . . . 100
  - Deactivating . . . . . 102
  - Deactivating remotely . . . . . 102
  - Setting the sensitivity . . . . . 100
  - Using in Walk and Talk mode . . . . . 103

## Index

- S
- Safety precautions . . . . . 6
- Saving
  - Anniversary . . . . . 41
  - Email address . . . . . 44
  - Phone number in the directory . . . . . 35
  - Phone numbers in the speed dial list 35
  - SMS . . . . . 61
- Security settings . . . . . 113
- Selecting a menu entry . . . . . 12
- Sending
  - Directory entry to a handset . . . . . 40
  - Directory to a handset . . . . . 40
  - SMS . . . . . 55, 60, 62
  - SMS in the outgoing message list . . . . . 64
- Sending email, see SMS
- Service . . . . . 150
- Service Provider . . . . . 55
- Set the date/time . . . . . 16, 104
- Setting
  - Alarm clock . . . . . 105
  - Appointment . . . . . 107
  - Date/time . . . . . 104
  - Display language . . . . . 137
  - Enquiry call . . . . . 129
  - External calls . . . . . 139
  - Forward destination . . . . . 110
  - Handset (individual) . . . . . 137
  - Handset volume . . . . . 138
  - Incoming MSN . . . . . 18
  - Loudspeaker volume . . . . . 138
  - Melody . . . . . 139
  - Name announcement . . . . . 139
  - Noise level in room monitor mode 100
  - Outgoing MSN . . . . . 19
  - Playback speed (answering machine) . . . . . 82
  - Ringer for appointment . . . . . 140
  - Ringer for call . . . . . 140
  - Ringer for wake-up call . . . . . 140
  - Ringer melody . . . . . 139
  - Ringer tone volume . . . . . 139
  - System . . . . . 116
  - Time . . . . . 16, 104
  - Time control . . . . . 139
  - Time control (answering machine) . 93
  - Volume . . . . . 139
  - Walk and Talk mode . . . . . 102
  - Setting the forward destination . . . . 110
  - Setting the name announcement . . . 139
  - Setting the noise level
    - (room monitor) . . . . . 100
  - Setting the system . . . . . 116
  - Setting the time . . . . . 16
  - Setting up
    - Ring delay . . . . . 127
    - Waiting melody . . . . . 130
  - Setting up a
    - Busy signal . . . . . 120
    - Group call group . . . . . 127
    - ISDN phone numbers . . . . . 117
    - Rejecting for the MSN group . . . . 121
  - Setting up a group call group . . . . 127
  - Setting up the busy signal . . . . . 120
  - Setting up the waiting melody . . . . 130
- Settings
  - Basic . . . . . 16
  - Checking the software version . . . 133
  - Checking the status . . . . . 132
  - Date/time . . . . . 16
- Short Message Service, see SMS
- Shortcut . . . . . 158
- Signal tone, see advisory tones
- SMS . . . . . 55
  - Activating a logo . . . . . 72
  - Activating an active send service
    - centre . . . . . 58
  - Active send service centre . . . . . 55
  - Available memory . . . . . 59
  - Calling back a sender . . . . . 69
  - Copying an email address . . . . . 64
  - Deactivating a logo . . . . . 72
  - Deactivating an active send service
    - centre . . . . . 58
  - Deleting incoming message list . . . 67
  - Deleting the outgoing message list . 63
  - Editing in the outgoing message list 64
  - Emoticon . . . . . 64
  - Entering an email address . . . . . 65
  - Errors when receiving . . . . . 73
  - Errors when sending . . . . . 73
  - Forwarding . . . . . 68
  - Incoming message list . . . . . 66
  - Input language . . . . . 60
  - Installing a logo . . . . . 72
  - Installing a ringer tone . . . . . 72
  - Linking . . . . . 60
  - Managing Service Centres . . . . . 56

- Opening an attachment . . . . . 71
  - Opening the incoming message list 66
  - Outgoing message list . . . . . 62
  - Phone numbers from SMS text . . . . 69
  - Phone numbers to the directory: . . 70
  - Predictive text . . . . . 61
  - Reading . . . . . 63
  - Receiving . . . . . 55, 66
  - Replying to . . . . . 68
  - Saving the . . . . . 61
  - Self-help with error messages. . . . 74
  - Sending . . . . . 55, 60, 62
  - Sending an email . . . . . 66
  - Sending as email . . . . . 65
  - Sending in the outgoing message
    - list . . . . . 64
    - Text templates . . . . . 64
    - To a PABX . . . . . 73
    - Writing . . . . . 60
  - SMS centres, managing phone
    - numbers of . . . . . 57
  - SMS notification
    - From answering machine . . . . . 97
  - Specifications . . . . . 151
  - Specifying
    - Recording quality . . . . . 92
    - Recording time . . . . . 92
  - Speed dial list . . . . . 34
    - Changing an individual entry . . . . 36
    - Deleting a single entry . . . . . 38
    - Dial . . . . . 36
    - Displaying a single entry . . . . . 36
    - Saving a phone number . . . . . 35
  - Speed dial list key . . . . . 1
  - Star key . . . . . 1
  - Switch off, see Deactivate
  - Switching call forwarding . . . . . 125
  - Switching off
    - Alarm clock . . . . . 106
    - Appointment alarm . . . . . 108
    - Appointment, cancelling . . . . . 108
    - Wake-up call . . . . . 106
  - Switching off an appointment alarm 108
- T**
- Talk key . . . . . 1, 20
  - Telephone
    - Care . . . . . 147
    - Contact with liquid. . . . . 147
    - Preparing to use. . . . . 7
  - Telephone plug . . . . . 8
  - Text area (empty), see SMS
  - Text message, see SMS
  - Text templates, see SMS
  - Time control
    - Ringer tone volume . . . . . 139
    - Setting . . . . . 139
  - Time control (answering machine) . . 93
  - Time setting . . . . . 104
  - Toggling . . . . . 29
  - Tone
    - Battery tone . . . . . 141
    - Confirmation . . . . . 13
    - Confirmation tone . . . . . 141
    - End of menu tone . . . . . 141
    - Error tone. . . . . 13, 141
  - Two way recording a call . . . . . 79
- V**
- VIP phone number . . . . . 38
  - Voice patterns
    - Deleting the . . . . . 43
    - Playing . . . . . 43
    - Recording. . . . . 42
  - Voice-activated dialling . . . . . 12, 42
    - Dialling . . . . . 42
  - Volume
    - Changing for handsfree talking . . . 23
    - Handset volume . . . . . 138
    - Loudspeaker volume. . . . . 138
    - Ringer tone volume . . . . . 139
    - Setting . . . . . 139
- W**
- Wake-up call
    - Setting the ringer . . . . . 140
    - Switching off . . . . . 106
  - Walk and Talk mode
    - Activating the . . . . . 103
    - Deactivating . . . . . 103
    - Setting . . . . . 102
    - Using a handset as a room monitor 103
  - Warning tone, see advisory tones
  - Writing an SMS . . . . . 60
  - Wrong entries (correcting) . . . . . 13





Issued by  
Information and Communication mobile  
Haidenauplatz 1  
D-81667 Munich

© Siemens AG 2003  
All rights reserved. Subject to availability.  
Right of modification reserved.  
Printed in Germany (0//2003).

Siemens Aktiengesellschaft  
<http://www.my-siemens.com>

No.: A31008-X150-B102-1-7619