

SAMSUNG

OWNER'S MANUAL
SGH-M100
MP3 Player

SAMSUNG

ELECTRONICS



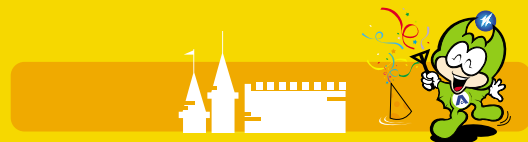
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Your SGH-M100 phone can be used as an MP3 player and this manual provides information on how to:

- Download MP3 music files to your phone
- Play them on your phone

What is MP3?

MP3 is a standard audio file format enabling a sound sequence to be compressed into about one-twelfth the size of the original file with very little loss in sound quality.

See the appendix at the end of this manual for further details.

Notes:

- *It is not permitted to copy and offer the software supplied with the SGH-M100 phone for sale. It is for your personal use only.*
- *All product names are trademarks or registered trademarks of their respective owners.*

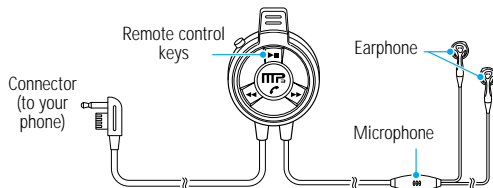
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Getting Started

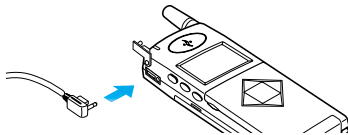
Connecting the Remote Control

You can only listen to MP3 music through the remote control supplied with your phone.



To connect the remote control to your phone, proceed as follows.

1. Gently pull open the flap marked REMOTE  on the left side of the phone.
2. Rotate the flap so that it does not obstruct the socket.
3. Plug the remote control connector into the socket.



Note: You can use the clip on the remote control to fix it to your pocket or lapel for example.









Remote control keys

Front



Rear




Key	Function
	Starts or stops playing MP3 music.
	Makes or answers a call.
	When pressed, skips back to the beginning of the current track or to the previous track. When held down during playback, searches backwards through the track.
	When pressed, skips to the next track. When held down during playback, searches forwards through the track.
	Allows you to select part of a track and repeat it indefinitely.
	Adjusts the earphone volume.
Hold	Locks the keys to prevent them from being pressed unintentionally.

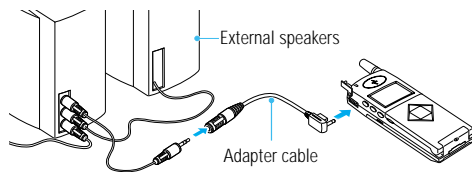
See the chapter entitled *Playing MP3 Music* for further details.

Connecting to External Audio Equipment

Using the adapter cable supplied, you can connect your phone to:

- External speakers
- An audio system
- A headset

1. Gently pull open the flap marked REMOTE  on the left side of the phone.
2. Rotate the flap so that it does not obstruct the socket.
3. Plug the adapter cable into the socket.
4. Plug the other end of the adapter cable into the RCA audio cable of your audio output equipment.



Note: When you connect the phone to external audio equipment using the adapter cable, you cannot use the remote control to play music. Use the phone keys instead.

Installing the MP3 Software (for Windows 95/98)

To download MP3 files from your PC to your phone, you must first install the MP3 Manager software on your PC.

1. Start Windows.
2. Insert the software CD-ROM supplied with your phone in the CD-ROM drive.

If Windows automatically runs the CD-ROM, go to Step 4.
3. In the Windows Explorer, right-click the Samsung CD-ROM and select **Autorun** in the popup menu displayed.
4. Click **[Language]** and select the flag corresponding to the language version to be installed.

5. Select **MP3 Manager** and click **INSTALL**.

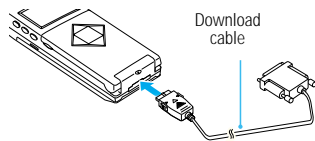


6. When the software has been correctly installed, the MP3 Manager folder is added to the Program Files folder and the MP3 Manager icon appears on your desktop.

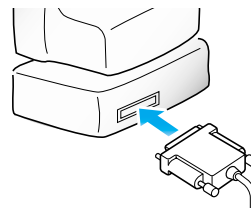
Downloading MP3 Music Files

Note: You must first download the MP3 music files of your choice from an Internet site.

1. Make sure that your PC and phone are switched OFF before connecting any cables.
2. Insert one end of the download cable (supplied with the phone) to the connector on the bottom of your phone.



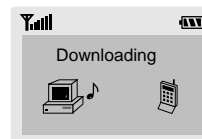
3. Insert the other end of the cable into the parallel port on your PC.



Note: If a printer is already connected to the parallel port (LPTx), remove it from the port and connect the download cable.

4. Switch on your PC and start Windows.
5. Switch on your phone and enter your PIN if necessary.

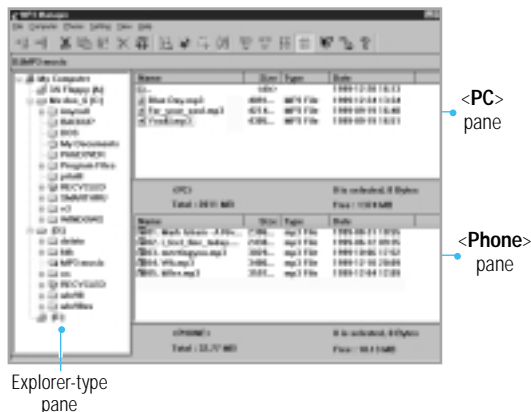
The MP3 mode is activated and the following message is displayed.



Note: You can only download files to your phone when this message is displayed.

6. From the Windows task bar, select **Start-Programs-MP3 Manager** or double-click the MP3 Manager icon on your desktop.

The MP3 Manager window is displayed.



The selected files are downloaded to your phone.



The downloaded MP3 files are saved in your phone in the order in which you have downloaded them.

- To complete downloading, press the /ⓧ key or disconnect the download cable from your phone.

Now, you can enjoy listening to MP3 music on your phone.

Notes:

- You can download as many MP3 files as will fit in the 32 MB of memory installed in your phone.
- If you have removed a printer cable to connect the download cable to the parallel port, do not forget to reconnect the printer cable to the port after you have finished downloading.
- For more information on using MP3 Manager, refer to the on-line help.

Note: If an error message is displayed when you start up MP3 Manager, refer to the chapter entitled Solving Problems on page 22.

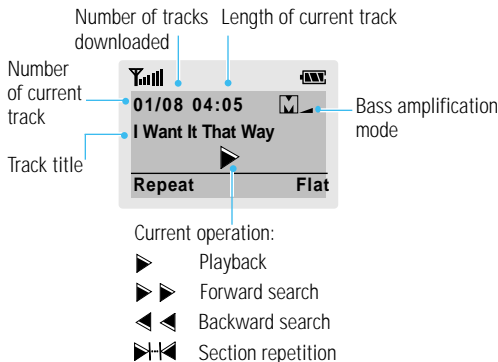
- Select the folder in which you have saved the MP3 files downloaded from an Internet site. The files in the folder are listed in the <PC> pane of the MP3 Manager window.
- Select the file(s) to be downloaded and click . You can also click and drag the file(s) to the <Phone> pane.

Playing MP3 Music

Once you have downloaded some MP3 files to your phone, you can listen to them whenever you want. To play an MP3 file, you can use the remote control or the keys on the phone.


Note: Before playing MP3 music, make sure that you have disconnected the download cable from the phone.






While playing MP3 music, the following information is displayed on the phone.



Using the Remote Control Keys





Note: For information on how to use the phone keys, see page 14.












To...	Then...
Start playing a track	Press  .
Adjust the volume	Turn  .
Stop playing a track	Press  again.
Skip to the previous track	Press  at the beginning of the track.
Skip to the beginning of the current track	Press  during playback.
Search backwards through a track	Hold  down until you reach the required point. Note: You do not hear the music while searching through a track.
Skip to the next track	Press  .
Search forwards through a track	Hold  down until you reach the required point. Note: You do not hear the music while searching through a track.

To...	Then...
Repeat a section of your choice	<ul style="list-style-type: none"> • Search for the start point. • Press the  key. The  symbol is displayed. • Search for the end point. • Press the  key. The  symbol is displayed and the section is repeated indefinitely.
Stop repeating a section	Press  . The track continues playing normally.

Using the Phone Keys

The following keys on the phone can be used to play MP3 music.


To...	Then...
Enter the MP3 mode	Hold down the  key on the left side of the phone for a few seconds. The number, size and name of the current MP3 file are displayed.
Start playing a track	Press  .
Adjust the volume	Press  and  on the left side of the phone.



To...	Then...
Stop playing a track	Press  again.
Skip to the previous track	Press  at the beginning of the track.
Skip to the beginning of the current track	Press  during playback.
Search backwards through a track	Hold  down until you reach the required point. Note: <i>You do not hear the music while searching through a track.</i>
Skip to the next track	Press  .
Search forwards through a track	Hold  down until you reach the required point. Note: <i>You do not hear the music while searching through a track.</i>
Repeat a section of your choice	<ul style="list-style-type: none"> • Search for the start point. • Press the  key. The  symbol is displayed. • Search for the end point. • Press the  key. The  symbol is displayed and the section is repeated indefinitely.
Stop repeating a section	Press  . The track continues playing normally.

To...

Amplify the bass sound

Then...

Press  one or more times to select one of the settings:

- MBB1 ( is displayed)
- MBB2 ( is displayed)
- OFF (no icon is displayed)

Note: *This function is only available when the remote control is connected.*

Selecting Repeat Options

You can set the Repeat mode by pressing the left soft key. Each time you press the key, your phone indicates the selected option.

The following options are available.

Repeat: Repeats the selected track.

R.All (Repeat All): Repeats all the tracks in the phone in the order in which they were downloaded.

Shuffle: Plays all the tracks in random order.

R.Shuf (Repeat Shuffle): Repeats all the tracks in random order.

Normal: Plays each track in turn.


Selecting the Sound Mode

You can set the sound mode by pressing the right soft key. Each time you press the key, your phone indicates the selected mode.

The available modes are **Flat**, **Disco**, **Rock**, **Jazz**, **Metal** and **Classic**.

Answering a Call in MP3 Mode

In MP3 mode you can answer a call at any time.

When a call comes in, press the  key on the remote control or answer the call in the normal way:

- Open the flip
- Press the  key or the **Accept** soft key on the phone





If you do not want to answer the call, press the **Reject** soft key.

See the SGH-M100 User's Guide for further details.

Note: *If a call comes in during playback, your phone will alert you, depending on the **Incoming Call** menu setting. For further details, see page 20.*

Making a Call in MP3 Mode

You can use the remote control to call the last number dialled.

1. If you are playing music, press the  key.
2. To view the last number dialled, press the  key.
3. To call the number displayed, press the  key again.
4. End the call by closing the flap or pressing the /Ⓟ key on the phone.

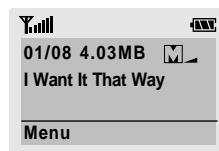
Using the MP3 Menu






A menu structure is available to set the various MP3 options available on your phone.

For details on how to use the navigation keys and the menu index system, refer to the SGH-M100 User's Guide.

Accessing the MP3 Menus

In the MP3 mode, a screen similar to the one illustrated below is displayed.




1. Press the **Menu** soft key.
Menu 1 (**Incoming Call**) is displayed.
2. Scroll through the menus using the  or  keys until the required menu is displayed, then press the **Select** soft key or the  key.
3. Select the required setting using the  or  keys, then press the **Select** soft key.

Incoming Call

Menu 1

Using this menu, you can specify whether you wish to be able to receive a call while playing MP3 music.

Enable: When a call is received, playback automatically stops. The phone rings and the  icon is displayed to inform you that you have a call.

If you wish to answer the call, press the **Accept** soft key on the phone or the  key on the remote control and talk to the caller.

If you do not wish to answer the call, press the **Reject** soft key. The normal idle screen is displayed.


Disable: When a call is received, playback continues and you are considered to be on the phone (user busy). The call is recorded as a missed call in the **Call Records** menu.

Screen Mode

Menu 2

This menu allows you to select the screen to be displayed while music is playing.

Normal: The display shows the file name, length of the current track and  icon indicating that your phone is playing the music.

Equalizer: Instead of the file name and  icon, the display shows an equalizer.

Note: *If you select **Equalizer**, the power consumption increases. It is, therefore, recommended that you set this menu option to **Normal**.*

File Delete

Menu 3

You can delete an MP3 file from your phone memory using this menu.

Delete All: Deletes all the files saved in your phone.

Delete a File: Deletes a selected file.

When you are prompted to confirm your selection, press the **Ok** soft key. The file is deleted from your phone.

Memory Inform

Menu 4

This menu displays the total and remaining memory available in your phone.

Solving Problems

If you experience problems when using the MP3 functions, perform the following simple checks.

You cannot hear music in the earphones

- Is the remote control/earphone correctly connected to your phone?
- Have you removed the download cable from the phone? You must disconnect this cable before playing a music file.

The music stops during playback

- Is the sound quality of the file normal?
- Is the remote control/earphone correctly connected to your phone?

When you start MP3 Manager, 'Make sure the phone is connected properly!' is displayed

- Is the download cable correctly connected to the phone and a parallel port on your PC?
- Is the parallel port correctly configured in the MP3 Manager **Setting** menu?

Refer to the MP3 Manager on-line help for further details.

When you start MP3 Manager or try to display the list of MP3 files in the phone memory, 'Failed to display a file list of phone' is displayed

- Is the download cable correctly connected to the phone and a parallel port on your PC?
- Is the parallel port correctly configured in the MP3 Manager **Setting** menu?

Refer to the MP3 Manager on-line help for further details.

When you download MP3 files to the phone, 'Failed to transfer to the phone' is displayed

- The total size of the files to be downloaded may exceed the memory available in the phone. Download one file at a time.
- Set the speed in the **Setting** menu of the MP3 Manager. For further details, refer to the MP3 Manager on-line help.
- Is the size of the downloaded MP3 file larger than the remaining memory available in your phone? Your phone comes with 32 MB of memory. You cannot add more memory.

The file name is not displayed correctly

- The display shows the file number, name, size and so on. The file name can be split between two lines of the display. If the file name is longer than two lines, it is truncated.
- The file name is automatically saved when you download the file to the phone. If necessary, change it on your PC before downloading it.

The remote control keys do not operate

- Have you pushed the **Hold** button on the side of the remote control to the **Hold** position? If so, the remote control keys are locked. Push the button in the other direction.

More Information on MP3

MP3 is the common name for MPEG-1, 2 (Motion Picture Expert Group) Audio Layer 3. This form of compression is approximately 12 times smaller than a CD file. The result is a compression file with near CD quality sound, suitable for sending and downloading via the Internet.

You can make MP3 files of your favourite music or download them from the Internet or another on-line service to store on your PC, your SGH-M100 phone or any other portable MP3 player. Then you can enjoy high quality music.

Copyright Issues

Intellectual property, and this includes music, is protected worldwide by copyright. It is permitted to make a copy of legally acquired sound media (for example CDs or prerecorded cassettes) or music files (downloaded from the Internet for example) for personal use only. It is not permitted to offer these copies for sale or to pass them on to third parties.

Take care when downloading MP3 files from the Internet. Check that the files are properly licensed and that the seller is in possession of the rights to the tracks offered.

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