

Panasonic Digital Business System Programming Table Master Sheets

This section contains blank sheets for use when recording the sytem programming of a DBS. The next page is an index to the contents of each sheet together with a guide to when and how many of each to use.

Use these sheets as a master and copy them as required for each system installed.

DBS Programming Tables - Index

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Feature Name	Programming Step	Setting
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System Settings		
Date Setting	FF1 1# 1#	DDMMYY
Time Setting	FF1 1# 2#	HHMM
Call Duration And Charge Display	FF1 2# 1# 1#	0 - 1
Autoamtic Flash	FF1 2# 1# 2#	0 - 1
Unsupervised Transfer	FF1 2# 1# 3#	0 - 1
Auto Hold	FF1 2# 1# 4#	0 - 1
Type Of Hold For Non Appearing Lines	FF1 2# 1# 5#	0 - 1
Call Brokering	FF1 2# 1# 6#	0 - 1
Enable Second Operator Position	FF1 2# 1# 7#	0 - 1
Internal Tone/Voice Call - Operator	FF1 2# 1# 8#	0 - 2
Internal Tone/Voice Call - Extensions	FF1 2# 1# 9#	0 - 2
Alert Tone In Voice Call	FF1 2# 1# 10#	0 - 1
Alert Tone During Conference Call	FF1 2# 1# 12#	0 - 1
SSD Directory Display	FF1 2# 1# 13#	0 - 1
Operator Incoming Call Overflow	FF1 2# 1# 15#	0 - 15
Music On Hold - Internal / External	FF1 2# 1# 16#	0 - 1
Transfer Deny	FF1 2# 1# 19#	0 - 1
Extension To Receive Un-Answered Call	FF1 2# 1# 20#	1 - 144
Call Logging - Cost Per MP Unit	FF1 2# 1# 21#	1 - 9999
LRB / Paging Mode	FF1 2# 1# 24#	0 - 2
External Relay Control Port	FF1 2# 1# 25#	1 - 144
Delayed Ringing	FF1 2# 1# 26#	0 - 1
Digits Of Extension Number	FF1 2# 1# 27#	2 - 4
Un-Answered DISA Call To Extension	FF1 2# 1# 30#	0 - 1
# Key Feature In DISA Call	FF1 2# 1# 31#	0 - 1
Setting Up Pick Up Group	FF1 2# 1# 34#	0 - 1
Voicemail Termination Signal	FF1 2# 1# 35#	0 - 2
Hold Pick Up By Hold Key VB3011	FF1 2# 1# 36#	0 - 1
DTMF Signal Back Tone To Voicemail	FF1 2# 1# 37#	0 - 2
Incoming Line Name Display Mode	FF1 2# 1# 38#	0 - 1
System Speed Dial Mode	FF1 2# 1# 39#	0 - 1
Internal DTMF From SSD / PSD Backtone	FF1 2# 1# 40#	0 - 1
Suppression Of Call Forward Indication	FF1 2# 1# 41#	0 - 1

Call Logging		
Parity Check	FF1 2# 2# 1#	0 - 1
Parity	FF1 2# 2# 2#	0 - 1
Baud Rate	FF1 2# 2# 3#	1 - 4
Stop Bit	FF1 2# 2# 4#	1 - 3
Data Length	FF1 2# 2# 5#	1 - 4
RAI Baud Rate	FF1 2# 2# 6#	0 - 1
Print Outgoing / Incoming	FF1 2# 2# 7#	0 - 1
Print Local / Long Distance	FF1 2# 2# 8#	0 - 1
Printing With Title	FF1 2# 2# 9#	0 - 1
Call Logging Buffer	FF1 2# 2# 10#	0 - 100
Incoming Ring Time / All Lines Busy	FF1 2# 2# 11#	0 - 3
Alarm Data / Service Data Output	FF1 2# 2# 12#	0 - 3

Feature Name	Program Step	Setting
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PBX Access Codes		
Code 1	FF1 2# 3# 1#	0 - 999
Code 2	FF1 2# 3# 2#	0 - 999
Code 3	FF1 2# 3# 3#	0 - 999
Code 4	FF1 2# 3# 4#	0 - 999
Code 5	FF1 2# 3# 5#	0 - 999
Code 6	FF1 2# 3# 6#	0 - 999
Code 7	FF1 2# 3# 7#	0 - 999
Code 8	FF1 2# 3# 8#	0 - 999

PBX Auto Pause Insertion		
After 1	FF1 2# 3# 9#	1 - 3
After 2	FF1 2# 3# 10#	1 - 3
After 3	FF1 2# 3# 11#	1 - 3
After 4	FF1 2# 3# 12#	1 - 3
After 5	FF1 2# 3# 13#	1 - 3
After 6	FF1 2# 3# 14#	1 - 3
After 7	FF1 2# 3# 15#	1 - 3
After 8	FF1 2# 3# 16#	1 - 3
After 9	FF1 2# 3# 17#	1 - 3
After 0	FF1 2# 3# 18#	1 - 3

EPA - Paging Group Assignment		
Group 00	FF1 2# 4# 2#	0 - 1
Group 01	FF1 2# 4# 3#	0 - 1
Group 02	FF1 2# 4# 4#	0 - 1
Group 03	FF1 2# 4# 5#	0 - 1
Group 04	FF1 2# 4# 6#	0 - 1
Group 05	FF1 2# 4# 7#	0 - 1
Group 06	FF1 2# 4# 8#	0 - 1
Group 07	FF1 2# 4# 9#	0 - 1

Messages		
	Absence	Call Waiting
M	FF6 4# M#	FF6 5# M#
0	IN MEETING	
1	AT LUNCH	
2	OUT OF OFFICE	
3	HOLIDAY	
4	ANOTHER OFFICE	
5		
6		
7		
8		
9		

Feature Name	Program Step	Setting
System Timers		
Auto Night Mode	FF1 3# 1#	HHMM
Oper - Hold Reminder - Exchange Lines	FF1 3# 2#	0 - 12
Oper - Transfer Reminder - Exchange Lines	FF1 3# 3#	0 - 12
Oper - Hold Reminder - Internal	FF1 3# 4#	0 - 12
Oper - Transfer Reminder - Internal	FF1 3# 5#	0 - 12
Syst - Hold Reminder - Exchange Lines	FF1 3# 6#	0 - 12
Syst - Transfer Reminder - Exchange Lines	FF1 3# 7#	0 - 12
Syst - Hold Reminder - Internal	FF1 3# 8#	0 - 12
Syst - Transfer Reminder - Internal	FF1 3# 9#	0 - 12
Oper - Hold Reminder - Hunt Group	FF1 3# 10#	0 - 12
Syst - Hold Reminder - Hunt Group	FF1 3# 11#	0 - 12
Oper - Hold Reminder - Park Hold	FF1 3# 12#	0 - 12
Syst - Hold Reminder - Park Hold	FF1 3# 13#	0 - 12
Call Reversion To Operator	FF1 3# 14#	0 - 12
Redial / PBX Auto Pause Time	FF1 3# 15#	0 - 15
Line Disconnect Time - Redial/Flash	FF1 3# 16#	0 - 15
PBX Recall Time - Earth Recall	FF1 3# 17#	0 - 15
PBX Recall Time - Time Break Recall	FF1 3# 18#	0 - 15
Ring Detect Time	FF1 3# 19#	0 - 15
Key Telephone Pre-Ring Time	FF1 3# 20#	0 - 15
Call Forward / No Answer Transfer Time	FF1 3# 23#	0 - 15
DISA Inter Signal Time	FF1 3# 26#	0 - 15
DISA No Answer Timer	FF1 3# 27#	0 - 10
DISA Cut Timer	FF1 3# 29#	0 - 4
Pause Time For Voicemail	FF1 3# 30#	0 - 15
Alarm Call Ring Time	FF1 3# 31#	0 - 1
Oper - Int./E&M Hunting Recall Timer	FF1 3# 32#	0 - 15
Syst - Int./E&M Hunting Recall Timer	FF1 3# 33#	0 - 15
ID Codes		
Remote Programming	FF1 4#	0000 - 9999
System Programming	FF1 5#	0000 - 9999
DISA Access	FF1 8#	0000 - 9999

Hunt Group Settings										
FF4 4# Group# Data#										
Data	Type	Busy	1	2	3	4	5	6	7	8
Group	1#	2#	3#	4#	5#	6#	7#	8#	9#	10#
1#										
2#										
3#										
4#										
5#										
6#										
7#										
8#										
9#										
10#										
11#										
12#										
13#										
14#										
15#										
16#										

Manager Secretary / Coverage Group Settings										
FF4 5# Group# Data#										
Data	Sec 1	Sec 2	Mgr 1	Mgr 2	Mgr 3	Mgr 4	Mgr 5	Mgr 6	Mgr 7	Mgr 8
Group	1#	2#	3#	4#	5#	6#	7#	8#	9#	10#
1#										
2#										
3#										
4#										
5#										
6#										
7#										
8#										
9#										
10#										
11#										
12#										
13#										
14#										
15#										
16#										

Pick Up Group Settings								
FF4 6# Group# Member#								
	Members							
Group	1#	2#	3#	4#	5#	6#	7#	8#
1#								
2#								
3#								
4#								
5#								
6#								
7#								
8#								
9#								
10#								
11#								
12#								
13#								
14#								
15#								
16#								
17#								
18#								
19#								
20#								

Panasonic Digital Business System - Programming Table

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Issue 2

System Speed Dial Side: (G)

Make 1 Copy Per SSD Side Used

System Speed Dial Settings					
	Name	Number Stored		Name	Number Stored
SSD	FF6 2# G# SSD#	FF6 2# G# SSD#	SSD	FF6 2# G# SSD#	FF6 2# G# SSD#
0			45		
1			46		
2			47		
3			48		
4			49		
5			50		
6			51		
7			52		
8			53		
9			54		
10			55		
11			56		
12			57		
13			58		
14			59		
15			60		
16			61		
17			62		
18			63		
19			64		
20			65		
21			66		
22			67		
23			68		
24			69		
25			70		
26			71		
27			72		
28			73		
29			74		
30			75		
31			76		
32			77		
33			78		
34			79		
35			80		
36			81		
37			82		
38			83		
39			84		
40			85		
41			86		
42			87		
43			88		
44			89		

Feature Name	Programming Step	Setting
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Call Barring

First Digit For STD National Call	FF7 1# 1#	0 - 9
Code For International Dialling	FF7 1# 2#	0 - 9999
First Digit For Operator Service	FF7 1# 3#	0 - 9
Dialling Restriction On Incoming Line	FF7 1# 4#	0 - 1

Digit Restrictions

Special Service - Classes 1 - 4	FF7 1# 5#	0,3,4
Local Calls - Class 2	FF7 1# 6#	0,3,4
Local Calls - Class 3	FF7 1# 7#	0,3,4
Local Calls - Class 4	FF7 1# 8#	0,3,4
STD National - Class 3	FF7 1# 9#	0,3,4
STD National - Class 4	FF7 1# 10#	0,3,4
Operator Service - Class 2	FF7 1# 11#	0,3,4
Operator Service - Class 3	FF7 1# 12#	0,3,4
Operator Service - Class 4	FF7 1# 13#	0,3,4

Local Call Restriction

Class 2	FF7 1# 14#	0 - 1
Class 3	FF7 1# 15#	0 - 1
Class 4	FF7 1# 16#	0 - 1

Extension Class Of Service When Locked	FF7 1# 17#	1 - 5
Restriction Override SSD Group 1	FF7 1# 18#	00 - 89
Restriction Override SSD Group 2	FF7 1# 19#	00 - 89
* Restriction - Class 2	FF7 1# 20#	0 - 1
* Restriction - Class 3	FF7 1# 21#	0 - 1
# Restriction - Class 2	FF7 1# 22#	0 - 1
# Restriction - Class 3	FF7 1# 23#	0 - 1

Special Service Numbers

1	FF7 2# 1#	000 - 999
2	FF7 2# 2#	000 - 999
3	FF7 2# 3#	000 - 999
4	FF7 2# 4#	000 - 999
5	FF7 2# 5#	000 - 999
6	FF7 2# 6#	000 - 999
7	FF7 2# 7#	000 - 999
8	FF7 2# 8#	000 - 999

Local Call Dial Restriction			
N	FF7 3# N#	N	FF7 3# N#
1		26	
2		27	
3		28	
4		29	
5		30	
6		31	
7		32	
8		33	
9		34	
10		35	
11		36	
12		37	
13		38	
14		39	
15		40	
16		41	
17		42	
18		43	
19		44	
20		45	
21		46	
22		47	
23		48	
24		49	
25		50	

Look Up Table - Operator Service - Class 2
--

FF7 6# 1# N#

List all operator codes which have been disabled using this step
--

Look Up Table - Operator Service - Class 3
--

FF7 6# 2# N#

List all operator codes which have been disabled using this step
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Look Up Table - Operator Service - Class 4
FF7 6# 3# N#
List all operator codes which have been disabled using this step

Look Up Table - STD National - Class 3
FF7 7# 1# N#
List all codes which have been disabled using this step

Look Up Table - STD National - Class 4
FF7 7# 2# N#
List all codes which have been disabled using this step

Look Up Table - International - Class 4
FF7 8# N#
List all codes which have been disabled using this step

Long Distance Call Restriction Override							
N	FF7 7# 3# N#	N	FF7 7# 3# N#	N	FF7 7# 3# N#	N	FF7 7# 3# N#
1		5		9		13	
2		6		10		14	
3		7		11		15	
4		8		12		16	

Restriction Overrides - Class 2							
N	FF7 7# 4# N#	N	FF7 7# 4# N#	N	FF7 7# 4# N#	N	FF7 7# 4# N#
1		9		17		25	
2		10		18		26	
3		11		19		27	
4		12		20		28	
5		13		21		29	
6		14		22		30	
7		15		23		31	
8		16		24		32	

Restriction Overrides - Class 3							
N	FF7 7# 5# N#	N	FF7 7# 5# N#	N	FF7 7# 5# N#	N	FF7 7# 5# N#
1		9		17		25	
2		10		18		26	
3		11		19		27	
4		12		20		28	
5		13		21		29	
6		14		22		30	
7		15		23		31	
8		16		24		32	

Restriction Overrides - Class 4							
N	FF7 7# 6# N#	N	FF7 7# 6# N#	N	FF7 7# 6# N#	N	FF7 7# 6# N#
1		9		17		25	
2		10		18		26	
3		11		19		27	
4		12		20		28	
5		13		21		29	
6		14		22		30	
7		15		23		31	
8		16		24		32	

Least Cost Routing

Feature Name	Programming Step	Setting
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Use Of LCR	FF10 PSWD# 1# 1#	0 - 1
LCR Programming Password	FF10 PSWD# 1# 2#	0000 - 9999
Pause After Network Access Code	FF10 PSWD# 1# 3#	1 - 15

Registration Of Network Carrier		
Carrier 1	FF10 PSWD# 1# 4#	0 - 1
Carrier 2	FF10 PSWD# 1# 5#	0 - 1
Carrier 3	FF10 PSWD# 1# 6#	0 - 1
Carrier 4	FF10 PSWD# 1# 7#	0 - 1
Carrier 5	FF10 PSWD# 1# 8#	0 - 1
Carrier 6	FF10 PSWD# 1# 9#	0 - 1
Carrier 7	FF10 PSWD# 1# 10#	0 - 1

Storing Access Codes For Each Network		
Carrier 1	FF10 PSWD# 3# 1# 1#	
Carrier 2	FF10 PSWD# 3# 1# 2#	
Carrier 3	FF10 PSWD# 3# 1# 3#	
Carrier 4	FF10 PSWD# 3# 1# 4#	
Carrier 5	FF10 PSWD# 3# 1# 5#	
Carrier 6	FF10 PSWD# 3# 1# 6#	
Carrier 7	FF10 PSWD# 3# 1# 7#	
Carrier 8	FF10 PSWD# 3# 1# 8#	

Restricted Numbers		
Number 1	FF10 PSWD# 3# 2# 1#	
Number 2	FF10 PSWD# 3# 2# 2#	
Number 3	FF10 PSWD# 3# 2# 3#	
Number 4	FF10 PSWD# 3# 2# 4#	
Number 5	FF10 PSWD# 3# 2# 5#	
Number 6	FF10 PSWD# 3# 2# 6#	
Number 7	FF10 PSWD# 3# 2# 7#	
Number 8	FF10 PSWD# 3# 2# 8#	

National Code Change		
NCC Setting	FF10 PSWD# 9# 1#	0 - 1

Carrier Number: (C)

Make 1 Copy Per Carrier Used

Storing Authorisation Codes For Network Operators	
FF10 PSWD# 5# C# L#	
L. (1 - 48)	Access Code

Assignment Of Network Operators To Lines											
FF10 PSWD# 2# L# C#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

Look Up Table Setting
FF10 PSWD# 6# C#
List Local STD Codes

Carrier Number: (C)

Make 1 Copy Per Carrier Used

Call Set Up Protocols				
FF10 PSWD# 4# C# L# P#				
L	P			
	1	2	3	4
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
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48				

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Issue 2

LCR Priority Table Number:

(T)

Make 1 Copy Per Priority Table Used

Priority Table Setting							
FF10 PSWD# 7# T#				List Codes And Carriers Set			
Code	Carrier	Code	Carrier	Code	Carrier	Code	Carrier

Feature Name	Programming Step	Setting
Time Priority Start Time	FF10 PSWD# 8# T# 1#	00 - 24
Time Priority Finish Time	FF10 PSWD# 8# T# 2#	00 - 24
Priority Day Of The Weeks Setting	FF10 PSWD# 8# T# 3#	0 - 4

Feature Name	Program Step	Setting
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E&M System Settings		
Network Mode Setting	FF1 9# 1#	0-4
No Answer Timer	FF1 9# 2#	1-5
Route Access Code 2	FF1 9# 3#	0-3
Route Access Code 3	FF1 9# 4#	0-3
Route Access Code 4	FF1 9# 5#	0-3
Route Access Code 5	FF1 9# 6#	0-3

E&M Slot Setting		
Slot 1	FF1 10# 1#	1-4
Slot 2	FF1 10# 2#	1-4
Slot 3	FF1 10# 3#	1-4
Slot 4	FF1 10# 4#	1-4
Slot 5	FF1 10# 5#	1-4
Slot 6	FF1 10# 6#	1-4
Slot 7	FF1 10# 7#	1-4
Slot 8	FF1 10# 8#	1-4

E&M Trunk Status													
	Line	1	2	3	4	5	6	7	8	9	10	11	12
Used	FF2 3# L# 1#	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1
Group	FF2 3# L# 2#	0-3	0-3	0-3	0-3	0-3	0-3	0-3	0-3	0-3	0-3	0-3	0-3

Feature Name	Programming Step	Setting
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E&M Group Settings Group 1

Dial Tone Send	FF2 2# 1# 1#	0 - 1
Tenant Group Setting	FF2 2# 1# 2#	1 - 8
Send Route Access Code	FF2 2# 1# 3#	0 - 1
Add Route Access Code	FF2 2# 1# 4#	0 - 1
Paging Release Timer	FF2 2# 1# 5#	0 - 6
Minimum Pause	FF2 2# 1# 6#	0 - 7
Return Confirmation Timer	FF2 2# 1# 7#	0 - 7
Return Detect Timer	FF2 2# 1# 8#	0 - 15
Anti Collision Timer	FF2 2# 1# 9#	0 - 15
Flash Output Timer	FF2 2# 1# 10#	0 - 15
Flash Detect Timer	FF2 2# 1# 11#	0 - 15

E&M Group Settings Group 2

Dial Tone Send	FF2 2# 2# 1#	0 - 1
Tenant Group Setting	FF2 2# 2# 2#	1 - 8
Send Route Access Code	FF2 2# 2# 3#	0 - 1
Add Route Access Code	FF2 2# 2# 4#	0 - 1
Paging Release Timer	FF2 2# 2# 5#	0 - 6
Minimum Pause	FF2 2# 2# 6#	0 - 7
Return Confirmation Timer	FF2 2# 2# 7#	0 - 7
Return Detect Timer	FF2 2# 2# 8#	0 - 15
Anti Collision Timer	FF2 2# 2# 9#	0 - 15
Flash Output Timer	FF2 2# 2# 10#	0 - 15
Flash Detect Timer	FF2 2# 2# 11#	0 - 15

E&M Group Settings Group 3

Dial Tone Send	FF2 2# 3# 1#	0 - 1
Tenant Group Setting	FF2 2# 3# 2#	1 - 8
Send Route Access Code	FF2 2# 3# 3#	0 - 1
Add Route Access Code	FF2 2# 3# 4#	0 - 1
Paging Release Timer	FF2 2# 3# 5#	0 - 6
Minimum Pause	FF2 2# 3# 6#	0 - 7
Return Confirmation Timer	FF2 2# 3# 7#	0 - 7
Return Detect Timer	FF2 2# 3# 8#	0 - 15
Anti Collision Timer	FF2 2# 3# 9#	0 - 15
Flash Output Timer	FF2 2# 3# 10#	0 - 15
Flash Detect Timer	FF2 2# 3# 11#	0 - 15

E&M Call Barring Class Of Service - Day Mode - Group 1											
FF7 10# 1# G#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

E&M Call Barring Class Of Service - Day Mode - Group 2											
FF7 10# 1# G#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

E&M Call Barring Class Of Service - Day Mode - Group 3											
FF7 10# 1# G#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

E&M Call Barring Class Of Service - Night Mode - Group 1											
FF7 10# 1# G#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

E&M Call Barring Class Of Service - Night Mode - Group 2											
FF7 10# 1# G#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

E&M Call Barring Class Of Service - Night Mode - Group 3											
FF7 10# 1# G#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

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Issue 2

Settings For Line Number: (L)

Make 1 Copy Per Line Connected to The System

Feature Name	Program Step	Setting
Exchange Line Features		
Trunk Line Prohibition	FF2 1# L# 1#	0 - 1
Signalling - MF / Pulse	FF2 1# L# 2#	0 - 1
Line Group 0 (Dial 9)	FF2 1# L# 3#	0 - 1
Line Group 1	FF2 1# L# 4#	0 - 1
Line Group 2	FF2 1# L# 5#	0 - 1
Line Group 3	FF2 1# L# 6#	0 - 1
Line Group 4	FF2 1# L# 7#	0 - 1
Line Group 5	FF2 1# L# 8#	0 - 1
Line Group 6	FF2 1# L# 9#	0 - 1
Piggy Back To PBX	FF2 1# L# 10#	0 - 1
Dedicated Line To Extension	FF2 1# L# 11#	Conf -144
Auto Pause For PBX Working	FF2 1# L# 12#	0 - 1
DTMF Signalling Specification	FF2 1# L# 13#	0 - 1
Choice Of Incoming Ringing Signal	FF2 1# L# 14#	0 - 3
Auto Line Disconnect Time	FF2 1# L# 15#	0 - 15
Type Of PBX Recall Signal	FF2 1# L# 16#	0 - 2
Call Logging Start Time	FF2 1# L# 17#	0 - 15
DISA Line Setting	FF2 1# L# 20#	0 - 1
DISA Auto Start Time	FF2 1# L# 21#	HHMM
DISA Auto Finish Time	FF2 1# L# 22#	HHMM
External Relay Control For LRB	FF2 1# L# 23#	0 - 1
Dial Tone Detection	FF2 1# L# 24#	0 - 1
Tenant Group Setting	FF2 1# L# 25#	1 - 8
Trunk Name	FF6 7# L#	NAME

Panasonic Digital Business System - Programming Table

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Issue 2

Setting For Extension Port Number:

(P)

Make 1 Copy Per Extension Connected To The System

Feature Name	Programming Step	Setting
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Extension Settings		
Name	FF6 1# P#	
Extension Number	FF3 P# 1#	NNNN
Type Of Extension	FF3 P# 2#	1 - 15
Forced Account Code	FF3 P# 4#	0 - 1
Extension Lock Code	FF3 P# 5#	0000 - 9999
Off Hook Signalling	FF3 P# 6#	0 - 1
Call Waiting	FF3 P# 7#	0 - 1
Busy Override - Originating	FF3 P# 8#	0 - 1
Busy Override - Receiving	FF3 P# 9#	0 - 1
Break In By Operator	FF3 P# 10#	0 - 1
Prime Line Pick Up	FF3 P# 12#	0 - 1
Auto Answer	FF3 P# 13#	0 - 1
Call Logging Printout	FF3 P# 14#	0 - 1
Off Hook Signal Volume Level	FF3 P# 15#	1 - 4
Call Waiting Tone Ringing Cadence	FF3 P# 16#	0 - 1
Analogue Extension TBR Time	FF3 P# 34#	0 - 12
System Speed Dial Group	FF3 P# 35#	1 - 2
Tenant Group	FF3 P# 36#	1 - 8
SSD Restriction Override	FF7 9# P#	0 - 1

Paging Group Assignment		
Group 00	FF3 P# 18#	0 - 1
Group 01	FF3 P# 19#	0 - 1
Group 02	FF3 P# 20#	0 - 1
Group 03	FF3 P# 21#	0 - 1
Group 04	FF3 P# 22#	0 - 1
Group 05	FF3 P# 23#	0 - 1
Group 06	FF3 P# 24#	0 - 1
Group 07	FF3 P# 25#	0 - 1

Display Options For VB3411LDS Only		
Personal Speed Dials	FF3 P# 17#	0 - 1
Idle	FF3 P# 26#	0 - 15
Internal Dial Tone	FF3 P# 27#	0 - 15
Internal Call	FF3 P# 28#	0 - 15
External Call Before Duration Display	FF3 P# 29#	0 - 15
External Call After Duration Display	FF3 P# 30#	0 - 15
Receiving Paging Call	FF3 P# 31#	0 - 15
Receiving Call Waiting Tone	FF3 P# 32#	0 - 15
Receiving Busy Tone	FF3 P# 33#	0 - 15

FF Keys						
FF5 P# Key#						
1		7		13		19
2		8		14		20
3		9		15		21
4		10		16		22
5		11		17		23
6		12		18		24

Panasonic Digital Business System - Programming Table

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Issue 2

Ringling Assignments For Extension Port: (P)

Make 1 Copy Per Extension On The System

Day Ringing											
FF4 1# P#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

Night Ringing											
FF4 2# P#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

Overflow / Delayed Ringing											
FF4 3# P#											
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

Personal Speed Dials		
PSD	Name	Number Stored
PSD	FF6 3# P# PSD#	FF9 2# P# PSD#
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		

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Issue 2

Call Barring Class Of Service For Extension Port:

(P) Make 1 Copy Per Extension On The System

Class Of Service - Day Mode											
FF7 4# P#									All	49#	
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

Class Of Service - Night Mode											
FF7 5# P#									All	49#	
1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#
13#	14#	15#	16#	17#	18#	19#	20#	21#	22#	23#	24#
25#	26#	27#	28#	29#	30#	31#	32#	33#	34#	35#	36#
37#	38#	39#	40#	41#	42#	43#	44#	45#	46#	47#	48#

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Issue 2

Operator Number:

Maka 1 Copy Per Operator Connected To The System

Note: Defaults shown are for DSS 1 Operator 1 (145) and DSS 1 Operator 2 (147) the second DSSs (146 & 148) have no keys assigned in default

DSS Key Settings - DSS 1							
FF5 (145 / 147)# Key#							
65	66	67	68	69	70	71	72
60	61	62	63	64	65	66	#52
57	58	59	60	61	62	63	64
820	821	822	823	824	825	826	827
49	50	51	52	53	54	55	56
248	249	250	251	252	253	254	255
41	42	43	44	45	46	47	48
240	241	242	243	244	245	246	247
33	34	35	36	37	38	39	40
232	233	234	235	236	237	238	239
25	26	27	28	29	30	31	32
224	225	226	227	228	229	230	231
17	18	19	20	21	22	23	24
216	217	218	219	220	221	222	223
9	10	11	12	13	14	15	16
208	209	210	211	212	213	214	215
1	2	3	4	5	6	7	8
200	201	202	203	204	205	206	207

DSS Key Settings - DSS 2							
FF5 (146 / 148)# Key#							
65	66	67	68	69	70	71	72
57	58	59	60	61	62	63	64
49	50	51	52	53	54	55	56
41	42	43	44	45	46	47	48
33	34	35	36	37	38	39	40
25	26	27	28	29	30	31	32
17	18	19	20	21	22	23	24
9	10	11	12	13	14	15	16
1	2	3	4	5	6	7	8

DASS II Programming Table

Programming Step	Programming Sequence	Setting
System Size Setting	FF1 6# 1# 1#	0-5
Setting The Number Of Analogue Lines	FF1 6# 1# 2#	0-8
1st Display Setting	FF1 6# 1# 3#	0-1
2nd Display Setting	FF1 6# 1# 4#	0-1
Action When Other Party Is Busy	FF1 6# 1# 5#	0-1
Display When Other Party Is Busy	FF1 6# 1# 6#	0-1
MC0 (Dial 9) Search	FF1 6# 1# 7#	0-1
DDI Number Output	FF1 6# 2# 1#	0-1
Other Party's Number Output - Incoming Call	FF1 6# 2# 2#	0-1
Other Party's Number Output - Outgoing Call	FF1 6# 2# 3#	0-1
Timer Setting For Incoming Calls	FF1 6# 3# 1#	1-15
Timer Setting For Answer On Outgoing Calls	FF1 6# 3# 2#	0-15
Timer Setting For Acceptance Of Outgoing Calls	FF1 6# 3# 3#	1-15
Timer Setting For Manual Dial Time-Out	FF1 6# 3# 4#	1-15
Timer Setting For Auto Dial Time-Out	FF1 6# 3# 5#	1-15
Timer Setting For Dummy Dial Tone Time-Out	FF1 6# 3# 6#	0-15
Timer Setting For No Answer To DDI Call	FF1 6# 3# 7#	0-15
DDI Enable	FF1 6# 4# 1#	0-1
Action When Incoming DDI Destination Is Busy	FF1 6# 4# 2#	0-1
Action When Unrecognised DDI Is Received	FF1 6# 4# 3#	0-1
Action When Incoming DDI Is Not Answered	FF1 6# 4# 4#	0-1
Default DDI Number	FF1 6# 4# 5#	0-999999
Sending DDI On Outgoing Calls	FF1 6# 4# 6#	0-1
DDI Ring Pattern	FF1 6# 4# 7#	1-3
DDI Group Name Display Mode	FF1 6# 4# 8#	0-1

FF Keys - Use Standard FF Key Record Sheets

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Issue 2

DDI Number Settings

DDI	FF1 6# 5# DDI#			DDI	FF1 6# 5# DDI#			DDI	FF1 6# 5# DDI#		
	No.	Mode	Ext/Gp		No.	Mode	Ext/Gp		No.	Mode	Ext/Gp
	1#	2#	3#		1#	2#	3#		1#	2#	3#
1				49				97			
2				50				98			
3				51				99			
4				52				100			
5				53				101			
6				54				102			
7				55				103			
8				56				104			
9				57				105			
10				58				106			
11				59				107			
12				60				108			
13				61				109			
14				62				110			
15				63				111			
16				64				112			
17				65				113			
18				66				114			
19				67				115			
20				68				116			
21				69				117			
22				70				118			
23				71				119			
24				72				120			
25				73				121			
26				74				122			
27				75				123			
28				76				124			
29				77				125			
30				78				126			
31				79				127			
32				80				128			
33				81				129			
34				82				130			
35				83				131			
36				84				132			
37				85				133			
38				86				134			
39				87				135			
40				88				136			
41				89				137			
42				90				138			
43				91				139			
44				92				140			
45				93				141			
46				94				142			
47				95				143			
48				96				144			

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Issue 2

DDI Group Settings

Group	FF4 8# G#	FF6 6# Group#	FF4 7# Group# Member#							
	Number	Name	1	2	3	4	5	6	7	8
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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