

# **Panasonic**

## **Advanced Hybrid System Programming Tables**

Model No. **KX-TA1232**

This manual is designed to be used as a hard copy reference to the user-programmed data.  
For details about programming procedures, refer to Programming Guide.

# Table of Contents

<b>Manager Programming</b>	<b>6</b>
[000] Date and Time Set	6
[006] Operator / Manager Extension Assignment	6
[007] DSS Console Port and Paired Telephone Assignment	6
[001] System Speed Dialing Number Set	7
[003] Extension Number Set	17
[004] Extension Name Set	17
[005] Flexible CO Button Assignment	18
[008] Absent Messages	24
[009] Quick Dial Number Set	24
[014] VM Name Set	25
[017] DISA User Codes	25
 <b>System Programming</b>	 <b>26</b>
[100] Flexible Numbering	26
[101] Day / Night Service Switching Mode	29
[102] Day / Night Service Starting Time	29
[103] Automatic Access Outside Line Assignment	29
[106] Station Hunting Type	29
[107] System Password	29
[105] Account Codes	30
[108] Automatic Hold by CO / DSS Button	32
[109] Expansion Unit Type	32
[113] VM Status DTMF Set	32
[110] Caller ID Code Set	33
[111] Caller ID Name Set	33
[114] VM Command DTMF Set	40
[116] ROM Version Display	40
[117] Voice Mail Number Assignment	41
[118] Voice Mail Extension Number Assignment	41
[119] Voice Mail Extension Group Assignment	41
[120] User Password	41
[121] Walking COS Password	41
[124] Phantom Extension Number Assignment	42
[125] Area Code Assignment	43
[126] Caller ID Modification for Local Call	43
[127] Caller ID Modification for Long Distance Call	43
[150] Lunch Service Starting / Ending Time	43

---

[151]	Break Service Starting / Ending Time .....	44
<b>Timer Programming .....</b>		<b>45</b>
[200]	Hold Recall Time .....	45
[201]	Transfer Recall Time .....	45
[202]	Call Forwarding – No Answer Time .....	45
[203]	Intercept Time .....	45
[204]	Pickup Dial Waiting Time .....	45
[205]	Extension-to-Outside Line Call Duration Time .....	45
[206]	Outside-to-Outside Line Call Duration Time .....	45
[207]	First Digit Time .....	45
[208]	Inter Digit Time .....	45
[211]	Dial Start Time .....	45
[212]	Call Duration Count Start Time .....	45
[213]	DISA Delayed Answer Time .....	45
[214]	DISA Prolong Time .....	46
[216]	Message Waiting Ring Interval Time .....	46
[217]	Timed Reminder Alarm Ring Time .....	46
[218]	DISA AA Wait Time .....	46
[215]	Outgoing Message Time .....	46
[219]	Call Park Recall Time .....	46
[221]	Caller ID Call Waiting Time .....	46
<b>TRS Programming .....</b>		<b>47</b>
[300]	TRS Override for System Speed Dialing .....	47
[301-305]	TRS Denied Code Entry for Levels 2 through 6 .....	47
[306-310]	TRS Excepted Code Entry for Levels 2 through 6 .....	48
[311]	Special Carrier Access Codes .....	48
[332]	Extra Entry Table Selection .....	49
[334]	Emergency Dial Number Set .....	49
[333]	TRS Entry Code Assignment for Extra Table .....	50
<b>Outside Line Programming .....</b>		<b>54</b>
[400]	Outside Line Connection Assignment .....	54
[401]	Outside Line Group Assignment .....	54
[402]	Dial Mode Selection .....	54
[403]	Pulse Speed Selection .....	55
[404]	DTMF Time .....	55
[406]	Caller ID Assignment .....	55
[405]	CPC Signal Detection Incoming Set .....	56
[407-408]	DIL 1:1 Extension – Day / Night .....	57

[409-410] Intercept Extension – Day / Night ..... 57

[411] Host PBX Access Codes ..... 58

[412] Pause Time ..... 58

[413] Flash Time ..... 59

[415] CPC Signal Detection Outgoing Set ..... 60

[417] Outside Line Name Assignment ..... 60

[414] Disconnect Time ..... 61

[440] Line Hunting Sequence ..... 61

[457-458] DIL 1:1 – Lunch / Break Group ..... 61

[462] Caller ID Call Waiting Assignment ..... 62

[463-464] DIL 1:1 Extension – Lunch / Break ..... 63

**COS Programming ..... 64**

[500] Toll Restriction Level – Day ..... 64

[501] Toll Restriction Level – Night ..... 64

[502] Extension-to-Outside Line Call Duration Limit ..... 65

[503] Call Transfer to Outside Line ..... 65

[504] Call Forwarding to Outside Line ..... 65

[505] Executive Busy Override ..... 65

[506] Executive Busy Override Deny ..... 65

[507] Do Not Disturb Override ..... 65

[508] Account Code Entry Mode ..... 66

[510] Night Service Access ..... 66

[511] PT Programming Level ..... 66

**Extension Programming ..... 67**

[601] Class of Service ..... 67

[602] Extension Group Assignment ..... 67

[619] Extension Call Forwarding – No Answer Time ..... 67

[603] DIL 1:N Extension and Delayed Ringing – Day ..... 68

[604] DIL 1:N Extension and Delayed Ringing – Night ..... 72

[605] Outgoing Permitted Outside Line Assignment – Day ..... 76

[606] Outgoing Permitted Outside Line Assignment – Night ..... 77

[607] Doorphone Ringing Assignment – Day ..... 78

[608] Doorphone Ringing Assignment – Night ..... 78

[609] Voice Mail Access Codes ..... 78

[610] Live Call Screening Recording Mode Assignment ..... 79

[621] Cordless PT Extension Port ..... 79

[624] Common Area Call Log Check Assignment ..... 79

[625] Room Monitor Assignment ..... 79

[620] Lunch / Break Group Assignment ..... 80

---

<b>Resource Programming</b>	<b>81</b>
[800] SMDR Incoming / Outgoing Call Log Printout	81
[801] SMDR Format	81
[802] System Data Printout	81
[803] Music Source Use	81
[804] External Pager BGM	82
[805] External Pager Confirmation Tone	82
[809] DISA Security Type	82
[810] DISA Tone Detection	82
[812] DISA DTMF Repeat	82
[806] Serial Interface (RS-232C) Parameters	83
[813] Floating Number Assignment	84
[815] DISA Built-in Auto Attendant	85
[818] Doorphone Ringing / Tone Pattern Selection	85
[819] Doorphone Access Tone Selection	86
[820] Doorphone Ringing Time	86
[821] Doorphone Ring/Chime Selection	87
[822] Doorphone Chime Assignment	87
[823] Doorphone Chime Pattern Selection	87
<b>Optional Programming</b>	<b>88</b>
[990] System Additional Information	88
[991] COS Additional Information	90

# Manager Programming

---

## [000] Date and Time Set

	Year (00 - 99)	Month (Jan. - Dec.)	Day (1 - 31)	Day of the week (SUN - SAT)	Hour (1 - 12)	Minute (00 - 59)	AM / PM	Hour format (12 / 24)
Default	01	Jan.	1	MON	12	00	AM	12
Change								

## [006] Operator / Manager Extension Assignment

Item	Default	Parameter : Jack 01 - 32
Operator 1	Jack 01	
Operator 2	Not Stored	
Manager	Not Stored	

## [007] DSS Console Port and Paired Telephone Assignment

Item : DSS 1 - 4	Parameter : Jack No.	
	DSS Console	Paired Telephone
Default : all	Not Stored	
DSS 1		
DSS 2		
DSS 3		
DSS 4		
Selection : DSS 1 - 4 : Jack 02- 32 (Jack 01 is available for Paired Telephone only.)		

**[001] System Speed Dialing Number Set**

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
000		025	
001		026	
002		027	
003		028	
004		029	
005		030	
006		031	
007		032	
008		033	
009		034	
010		035	
011		036	
012		037	
013		038	
014		039	
015		040	
016		041	
017		042	
018		043	
019		044	
020		045	
021		046	
022		047	
023		048	
024		049	

## Manager Programming

---

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
050		075	
051		076	
052		077	
053		078	
054		079	
055		080	
056		081	
057		082	
058		083	
059		084	
060		085	
061		086	
062		087	
063		088	
064		089	
065		090	
066		091	
067		092	
068		093	
069		094	
070		095	
071		096	
072		097	
073		098	
074		099	



Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
100		125	
101		126	
102		127	
103		128	
104		129	
105		130	
106		131	
107		132	
108		133	
109		134	
110		135	
111		136	
112		137	
113		138	
114		139	
115		140	
116		141	
117		142	
118		143	
119		144	
120		145	
121		146	
122		147	
123		148	
124		149	

## Manager Programming

---

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
150		175	
151		176	
152		177	
153		178	
154		179	
155		180	
156		181	
157		182	
158		183	
159		184	
160		185	
161		186	
162		187	
163		188	
164		189	
165		190	
166		191	
167		192	
168		193	
169		194	
170		195	
171		196	
172		197	
173		198	
174		199	

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
200		225	
201		226	
202		227	
203		228	
204		229	
205		230	
206		231	
207		232	
208		233	
209		234	
210		235	
211		236	
212		237	
213		238	
214		239	
215		240	
216		241	
217		242	
218		243	
219		244	
220		245	
221		246	
222		247	
223		248	
224		249	

## Manager Programming

---

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
250		275	
251		276	
252		277	
253		278	
254		279	
255		280	
256		281	
257		282	
258		283	
259		284	
260		285	
261		286	
262		287	
263		288	
264		289	
265		290	
266		291	
267		292	
268		293	
269		294	
270		295	
271		296	
272		297	
273		298	
274		299	

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
300		325	
301		326	
302		327	
303		328	
304		329	
305		330	
306		331	
307		332	
308		333	
309		334	
310		335	
311		336	
312		337	
313		338	
314		339	
315		340	
316		341	
317		342	
318		343	
319		344	
320		345	
321		346	
322		347	
323		348	
324		349	

## Manager Programming

---

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
350		375	
351		376	
352		377	
353		378	
354		379	
355		380	
356		381	
357		382	
358		383	
359		384	
360		385	
361		386	
362		387	
363		388	
364		389	
365		390	
366		391	
367		392	
368		393	
369		394	
370		395	
371		396	
372		397	
373		398	
374		399	

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
400		425	
401		426	
402		427	
403		428	
404		429	
405		430	
406		431	
407		432	
408		433	
409		434	
410		435	
411		436	
412		437	
413		438	
414		439	
415		440	
416		441	
417		442	
418		443	
419		444	
420		445	
421		446	
422		447	
423		448	
424		449	

Manager Programming

---

Item : SPD No.	Parameter : Telephone Number (24 digits max.)	Item : SPD No.	Parameter : Telephone Number (24 digits max.)
Default	All : Not Stored		
450		475	
451		476	
452		477	
453		478	
454		479	
455		480	
456		481	
457		482	
458		483	
459		484	
460		485	
461		486	
462		487	
463		488	
464		489	
465		490	
466		491	
467		492	
468		493	
469		494	
470		495	
471		496	
472		497	
473		498	
474		499	



**[003] Extension Number Set**  
**[004] Extension Name Set**

Parameter	Ext. No. (2 - 4 digits)		Name (10 characters max.)
	Default	Change	Default : all - Not Stored Change
Jack 01	101		
Jack 02	102		
Jack 03	103		
Jack 04	104		
Jack 05	105		
Jack 06	106		
Jack 07	107		
Jack 08	108		
Jack 09	109		
Jack 10	110		
Jack 11	111		
Jack 12	112		
Jack 13	113		
Jack 14	114		
Jack 15	115		
Jack 16	116		
Jack 17	117		
Jack 18	118		
Jack 19	119		
Jack 20	120		
Jack 21	121		
Jack 22	122		
Jack 23	123		
Jack 24	124		
Jack 25	125		
Jack 26	126		
Jack 27	127		
Jack 28	128		
Jack 29	129		
Jack 30	130		
Jack 31	131		
Jack 32	132		

## [005] Flexible CO Button Assignment

Selection of Value :						
<b>BC (Button Code) :</b> 0 - 6, 70 - 73, 8, 90 - 97, * and #.						
<b>0 :</b> S-CO	<b>70 :</b> Conference	<b>94 :</b> Caller ID Indication				
<b>1 :</b> DSS	<b>71 :</b> Log-In / Log-Out	- Personal				
<b>2 :</b> One-Touch Dialing	<b>72 :</b> Phantom Extension	<b>95 :</b> Caller ID Selection				
<b>3 :</b> Message Waiting	<b>73 :</b> Night	- Personal				
(Own /Another Extension /	<b>8 :</b> VM Transfer	<b>96 :</b> Caller ID Indication				
Phantom Extension)	<b>90 :</b> Two-Way Record	- Common				
<b>4 :</b> FWD / DND	<b>91 :</b> Two-Way Transfer	<b>97 :</b> Caller ID Selection				
<b>5 :</b> Save	<b>92 :</b> LCS	- Common				
<b>6 :</b> Account	<b>93 :</b> LCS Cancel	<b>*</b> : L-CO				
		<b>#</b> : G-CO				
<b>Parameter :</b> Codes 0, 1, 2, 3, 72, 8, 90, 91 and # require parameters.						
<b>0 (S-CO) :</b>	<b>3 (Phantom Extension</b>	<b>91 (Two-Way Transfer) :</b>				
Outside Line No.	Message Waiting) :	VM Extension No.				
(01 - 12)	Phantom Extension No.	(2 - 4 digits)				
<b>1 (DSS) :</b>	(2 - 4 digits)	<b># (G-CO) :</b>				
Extension No.	<b>72 (Phantom Extension) :</b>	Outside Line Group No.				
(2 - 4 digits)	Phantom Extension No.	(1 - 8)				
<b>2 (One-Touch Dialing) :</b>	(2 - 4 digits)					
Telephone No.	<b>8 (VM Transfer) :</b>					
(16 digits max.)	VM Extension No.					
<b>3 (Another Extension</b>	(2 - 4 digits)					
Message Waiting) :	<b>90 (Two-Way Record) :</b>					
Another Extension No.	VM Extension No.					
(2 - 4 digits)	(2 - 4 digits)					
Flexible Button	Jack 01		Jack 02		Jack 03	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						

Flexible Button	Jack 04		Jack 05		Jack 06	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						
Flexible Button	Jack 07		Jack 08		Jack 09	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						

Manager Programming

---

Flexible Button	Jack 10		Jack 11		Jack 12	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						
Flexible Button	Jack 13		Jack 14		Jack 15	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						

Flexible Button	Jack 16		Jack 17		Jack 18	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						
Flexible Button	Jack 19		Jack 20		Jack 21	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						

Manager Programming

---

Flexible Button	Jack 22		Jack 23		Jack 24	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						
Flexible Button	Jack 25		Jack 26		Jack 27	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						

Flexible Button	Jack 28		Jack 29		Jack 30	
	BC	Parameter	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12					
CO 01						
CO 02						
CO 03						
CO 04						
CO 05						
CO 06						
CO 07						
CO 08						
CO 09						
CO 10						
CO 11						
CO 12						

Flexible Button	Jack 31		Jack 32	
	BC	Parameter	BC	Parameter
Default	All Jacks : CO 01 through 12 - BC = S-CO 01 through 12			
CO 01				
CO 02				
CO 03				
CO 04				
CO 05				
CO 06				
CO 07				
CO 08				
CO 09				
CO 10				
CO 11				
CO 12				

### [008] Absent Messages

Item	Default	Parameter
Message 1	Will Return Soon	
Message 2	Gone Home	
Message 3	At Ext %%%	
Message 4	Back at %%:%%%	
Message 5	Out Until %%/%%%	
Message 6	In a Meeting	
Message 7		
Message 8		
Message 9		
Selection : 16 characters (max.) You can use “%” as a variable character that can be entered at each station.		

### [009] Quick Dial Number Set

Item :	Parameter : 16 digits max, consisting of 0 – 9
Location Number	Default : all – Not Stored
1	
2	
3	
4	
5	
6	
7	
8	



**[014] VM Name Set**

Item : VM No.	Parameter : Name (Max. 10 characters)	
	Default	Change
01	V. Mail 01	
02	V. Mail 02	
03	V. Mail 03	
04	V. Mail 04	
05	V. Mail 05	
06	V. Mail 06	
07	V. Mail 07	
08	V. Mail 08	

**[017] DISA User Codes**

Item	Parameter		Item	Parameter	
	Code ( 4 – 10 digits)	COS (1 – 8)		Code ( 4 – 10 digits)	COS (1 – 8)
Default : all	Blank	8	Code 17		
Code 1			Code 18		
Code 2			Code 19		
Code 3			Code 20		
Code 4			Code 21		
Code 5			Code 22		
Code 6			Code 23		
Code 7			Code 24		
Code 8			Code 25		
Code 9			Code 26		
Code 10			Code 27		
Code 11			Code 28		
Code 12			Code 29		
Code 13			Code 30		
Code 14			Code 31		
Code 15			Code 32		
Code 16					

# System Programming

## [100] Flexible Numbering

Item	Feature	Default	Parameter
01	1st hundred extension block	1	
02	2nd hundred extension block	2	
03	3rd hundred extension block	—	
04	4th hundred extension block	—	
05	5th hundred extension block	—	
06	6th hundred extension block	—	
07	7th hundred extension block	—	
08	8th hundred extension block	—	
09	9th hundred extension block	—	
10	10th hundred extension block	—	
11	11th hundred extension block	—	
12	12th hundred extension block	—	
13	13th hundred extension block	—	
14	14th hundred extension block	—	
15	15th hundred extension block	—	
16	16th hundred extension block	—	
17	Operator call	0	
18	Automatic line access	9	
19	Outside line group line access	8	
20	System speed dialing	*	
21	Personal speed dialing	3*	
22	Personal speed dialing programming	30	
23	Doorphone call	31	
24	Paging — external	32	
25	Paging — external answer / TAFAS answer	42	
26	Paging — group	33	
27	Paging — group answer	43	
28	Call pickup, outside line	4*	
29	Call pickup, group	40	
30	Call pickup, directed	41	
31	Call hold	50	
32	Call hold retrieve — intercom	51	
33	Call hold retrieve — outside line	53	
34	Last number redial	#	
35	Call park / call park retrieve	52	

(Selection) No.01-16 : 1 or 2 digits, No.17 – 60, 62 – 70, 90, 92 – 93 : 1 through 3 digits  
 (Valid Entries) No.01-16 : 0 – 9, No.17 – 60, 62 – 70, 90, 92 – 93 : 0 – 9, \*, #

Item	Feature	Default	Parameter
36	Account code entry	49	
37	Door opener	55	
38	External feature access	6	
39	Station program clear	790	
40	Message waiting	70	
41	Outgoing message	36	
42	Call forwarding / do not disturb	710	
43	Call pickup deny	720	
44	Data line security	730	
45	Call waiting	731	
46	Executive busy override deny	733	
47	Pickup dialing	74	
48	Absent message	750	
49	Timed reminder	76	
50	Electronic station lockout	77	
51	Day / Lunch / Break / Night service mode	78	
52	Parallel telephone mode	39	
53	Background music — external	35	
54	LCS password	799	
55	Call log, incoming	56	
56	Call log lock, incoming	57	
57	Timed reminder, remote	7*	
58	Log-in / log-out	45	
59	Automatic callback busy cancel	46	
60	Walking COS	47	
61	Reserved	—	
62	System working report	794	
63	Quick dial location numbers 1	—	
64	Quick dial location numbers 2	—	
65	Quick dial location numbers 3	—	
66	Quick dial location numbers 4	—	
67	Quick dial location numbers 5	—	
68	Quick dial location numbers 6	—	
69	Quick dial location numbers 7	—	
70	Quick dial location numbers 8	—	

(Selection) No.01-16 : 1 or 2 digits, No.17 – 60, 62 – 70, 90, 92 – 93 : 1 through 3 digits  
(Valid Entries) No.01-16 : 0 – 9, No.17 – 60, 62 – 70, 90, 92 – 93 : 0 – 9, \*, #

Item	Feature	Default	Parameter
71	Reserved	—	
72	Reserved	—	
73	Reserved	—	
74	Reserved	—	
75	Reserved	—	
76	Reserved	—	
77	Reserved	—	
78	Reserved	—	
79	Reserved	—	
80	Reserved	—	
81	Reserved	—	
82	Reserved	—	
83	Reserved	—	
84	Reserved	—	
85	Reserved	—	
86	Reserved	—	
87	Reserved	—	
88	Reserved	—	
89	Reserved	—	
90	Paging — deny	721	
91	Reserved	—	
92	Call log, clear	590	
93	Room Monitor	734	
(Selection) No.01-16 : 1 or 2 digits, No.17 – 60, 62 – 70, 90, 92 – 93 : 1 through 3 digits (Valid Entries) No.01-16 : 0 – 9, No.17 – 60, 62 – 70, 90, 92 – 93 : 0 – 9, * , #			

### [101] Day / Night Service Switching Mode

	Default	Selection
Manual	✓	
Auto		

### [102] Day / Night Service Starting Time

	Default	Change								
	everyday	everyday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Day	9:00 AM	:	:	:	:	:	:	:	:	
Night	5:00 PM	:	:	:	:	:	:	:	:	
Selection : Hour (1 – 12), Minute (0 – 59), [AM] or [PM]										

### [103] Automatic Access Outside Line Assignment

Default							
1	2	3	4	5	6	7	8
Outside Line Group No. (1 – 8) in desired order							

### [106] Station Hunting Type

Selection	Default	Item : Extension Group							
	all	1	2	3	4	5	6	7	8
Disable	✓								
Terminate									
Circular									
Voice Mail									
Automated Attendant									
Ring Group									

### [107] System Password

Default	Parameter :
1   2   3   4	4 – 7 digits, 0 - 9

**[105] Account Codes**

Parameter : Account Code (10 digits max., consisting of 0 – 9)			
Default : all		Not Stored	
Item: Location No.	Parameter	Item: Location No.	Parameter
001		036	
002		037	
003		038	
004		039	
005		040	
006		041	
007		042	
008		043	
009		044	
010		045	
011		046	
012		047	
013		048	
014		049	
015		050	
016		051	
017		052	
018		053	
019		054	
020		055	
021		056	
022		057	
023		058	
024		059	
025		060	
026		061	
027		062	
028		063	
029		064	
030		065	
031		066	
032		067	
033		068	
034		069	
035		070	

	Parameter : Account Code (10 digits max., consisting of 0 – 9)		
Default : all	Not Stored		
Item: Location No.	Parameter	Item: Location No.	Parameter
071		106	
072		107	
073		108	
074		109	
075		110	
076		111	
077		112	
078		113	
079		114	
080		115	
081		116	
082		117	
083		118	
084		119	
085		120	
086		121	
087		122	
088		123	
089		124	
090		125	
091		126	
092		127	
093		128	
094			
095			
096			
097			
098			
099			
100			
101			
102			
103			
104			
105			

**[108] Automatic Hold by CO / DSS Button**

	DSS button		CO button	
	Default	Selection	Default	Selection
Enable	✓			
Disable			✓	

**[109] Expansion Unit Type**

Area No.	1			2			3		
Selection	C	E1	E2	C	E1	E2	C	E1	E2
Default	✓				✓				✓
Parameter									
<Note> C: 4CO / E1 : 8EXT1 / E2 : 8EXT2									

**[113] VM Status DTMF Set**

Item	Default	Parameter : DTMF Signal No. (3 digits max.)
RBT	1	
BT	2	
ROT	3	
DND	4	
Answer	5	
FWD VM RBT	6	
FWD VM BT	7	
FWD EXT RBT	8	
Confirm	9	
Disconnect	#9	



**[110] Caller ID Code Set****[111] Caller ID Name Set**

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)	Item : Location No.	Parameter for [110] : Caller ID Code	Parameter for [111] : Caller ID Name
Default	All : Not Stored				
001			036		
002			037		
003			038		
004			039		
005			040		
006			041		
007			042		
008			043		
009			044		
010			045		
011			046		
012			047		
013			048		
014			049		
015			050		
016			051		
017			052		
018			053		
019			054		
020			055		
021			056		
022			057		
023			058		
024			059		
025			060		
026			061		
027			062		
028			063		
029			064		
030			065		
031			066		
032			067		
033			068		
034			069		
035			070		

# System Programming

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)	Item : Location No.	Parameter for [110] : Caller ID Code	Parameter for [111] : Caller ID Name
Default	All : Not Stored				
071			106		
072			107		
073			108		
074			109		
075			110		
076			111		
077			112		
078			113		
079			114		
080			115		
081			116		
082			117		
083			118		
084			119		
085			120		
086			121		
087			122		
088			123		
089			124		
090			125		
091			126		
092			127		
093			128		
094			129		
095			130		
096			131		
097			132		
098			133		
099			134		
100			135		
101			136		
102			137		
103			138		
104			139		
105			140		

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)	Item : Location No.	Parameter for [110] : Caller ID Code	Parameter for [111] : Caller ID Name
Default	All : Not Stored				
141			176		
142			177		
143			178		
144			179		
145			180		
146			181		
147			182		
148			183		
149			184		
150			185		
151			186		
152			187		
153			188		
154			189		
155			190		
156			191		
157			192		
158			193		
159			194		
160			195		
161			196		
162			197		
163			198		
164			199		
165			200		
166			201		
167			202		
168			203		
169			204		
170			205		
171			206		
172			207		
173			208		
174			209		
175			210		

# System Programming

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)	Item : Location No.	Parameter for [110] : Caller ID Code	Parameter for [111] : Caller ID Name
Default	All : Not Stored				
211			246		
212			247		
213			248		
214			249		
215			250		
216			251		
217			252		
218			253		
219			254		
220			255		
221			256		
222			257		
223			258		
224			259		
225			260		
226			261		
227			262		
228			263		
229			264		
230			265		
231			266		
232			267		
233			268		
234			269		
235			270		
236			271		
237			272		
238			273		
239			274		
240			275		
241			276		
242			277		
243			278		
244			279		
245			280		

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)	Item : Location No.	Parameter for [110] : Caller ID Code	Parameter for [111] : Caller ID Name
Default	All : Not Stored				
281			316		
282			317		
283			318		
284			319		
285			320		
286			321		
287			322		
288			323		
289			324		
290			325		
291			326		
292			327		
293			328		
294			329		
295			330		
296			331		
297			332		
298			333		
299			334		
300			335		
301			336		
302			337		
303			338		
304			339		
305			340		
306			341		
307			342		
308			343		
309			344		
310			345		
311			346		
312			347		
313			348		
314			349		
315			350		

# System Programming

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)	Item : Location No.	Parameter for [110] : Caller ID Code	Parameter for [111] : Caller ID Name
Default	All : Not Stored				
351			386		
352			387		
353			388		
354			389		
355			390		
356			391		
357			392		
358			393		
359			394		
360			395		
361			396		
362			397		
363			398		
364			399		
365			400		
366			401		
367			402		
368			403		
369			404		
370			405		
371			406		
372			407		
373			408		
374			409		
375			410		
376			411		
377			412		
378			413		
379			414		
380			415		
381			416		
382			417		
383			418		
384			419		
385			420		

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)	Item : Location No.	Parameter for [110] : Caller ID Code	Parameter for [111] : Caller ID Name
Default	All : Not Stored				
421			456		
422			457		
423			458		
424			459		
425			460		
426			461		
427			462		
428			463		
429			464		
430			465		
431			466		
432			467		
433			468		
434			469		
435			470		
436			471		
437			472		
438			473		
439			474		
440			475		
441			476		
442			477		
443			478		
444			479		
445			480		
446			481		
447			482		
448			483		
449			484		
450			485		
451			486		
452			487		
453			488		
454			489		
455			490		

Item : Location No.	Parameter for [110] : Caller ID Code (24 digits max.)	Parameter for [111] : Caller ID Name (15 characters max.)
Default	All : Not Stored	
491		
492		
493		
494		
495		
496		
497		
498		
499		
500		

**[114] VM Command DTMF Set**

Item	Default	Parameter : DTMF Signal No. (16 digits max.)
LV- MSG	H	
GETMSG	*H	
AA- SVC	#8	
VM- SVC	#6	

**[116] ROM Version Display**

Parameter	
Default	Not Applicable



**[117] Voice Mail Number Assignment**

Default	Parameter : Jack No. 07, 08, 15, 16			
Blank				

**[118] Voice Mail Extension Number Assignment**

**[119] Voice Mail Extension Group Assignment**

Item : VM No. (01 -08)	Parameter : Ext. No. (2 – 4 digits)		Parameter : Ext. Group No. (1-8)										
	Default	Change	Default all : 1										
			Change										
			1	2	3	4	5	6	7	8			
01	165												
02	166												
03	167												
04	168												
05	169												
06	170												
07	171												
08	172												
All VM No.													

**[120] User Password**

Default	Parameter : 4 – 7 digits, 0 - 9			
1	2	3	4	

**[121] Walking COS Password**

Default	Parameter : 4 – 7 digits, 0 - 9			
1	2	3	4	

**[124] Phantom Extension Number Assignment**

Default : all		Parameter : 2 – 4 digits, consisting of 0 – 9.					
		Not Stored					
Item: Location No.	Parameter	Item: Location No.	Parameter	Item: Location No.	Parameter	Item: Location No.	Parameter
001		036		071		106	
002		037		072		107	
003		038		073		108	
004		039		074		109	
005		040		075		110	
006		041		076		111	
007		042		077		112	
008		043		078		113	
009		044		079		114	
010		045		080		115	
011		046		081		116	
012		047		082		117	
013		048		083		118	
014		049		084		119	
015		050		085		120	
016		051		086		121	
017		052		087		122	
018		053		088		123	
019		054		089		124	
020		055		090		125	
021		056		091		126	
022		057		092		127	
023		058		093		128	
024		059		094			
025		060		095			
026		061		096			
027		062		097			
028		063		098			
029		064		099			
030		065		100			
031		066		101			
032		067		102			
033		068		103			
034		069		104			
035		070		105			

**[125] Area Code Assignment**

**[126] Caller ID Modification for Local Call**

Item : Location No.	Parameter : 1 – 6 digits, consisting of 0 – 9.	Parameter : No. of digits to be deleted (0 – 9)	Parameter : Number to be added (4 digits max.), consisting of 0 – 9, * and #.
Default : all	Blank	3	Blank
01			
02			
03			
04			
05			
06			
07			
08			
09			
10			

**[127] Caller ID Modification for Long Distance Call**

	Parameter : No. of digits to be deleted (0 – 9)	Parameter : Number to be added (4 digits max.), consisting of 0 – 9, * and #.
Default	0	1
Change		

**[150] Lunch Service Starting / Ending Time**

	Default	Change								
	everyday	everyday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Starting	12:00 PM	:	:	:	:	:	:	:	:	:
Ending	12:59 PM	:	:	:	:	:	:	:	:	:
Selection : Hour (1 – 12), Minute (0 – 59), [AM] or [PM]										

**[151] Break Service Starting / Ending Time**

	Default		Change							
	everyday	everyday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Starting	3:00	PM	:	:	:	:	:	:	:	:
Ending	3:29	PM	:	:	:	:	:	:	:	:
Selection : Hour (1 – 12), Minute (0 – 59), [AM] or [PM]										

# Timer Programming

---

**[200] Hold Recall Time**

**[201] Transfer Recall Time**

**[202] Call Forwarding – No Answer Time**

**[203] Intercept Time**

Default	60 s	12 rings	3 rings	12 rings
Parameter				
Selection	0 – 240	0 – 48	1 – 12	3 – 48

**[204] Pickup Dial Waiting Time**

**[205] Extension-to-Outside Line Call Duration Time**

**[206] Outside-to-Outside Line Call Duration Time**

**[207] First Digit Time**

Default	1 s	10 min	10 min	10 s
Parameter				
Selection	1 – 5	1 – 64	1 – 64	5 – 120

**[208] Inter Digit Time**

**[211] Dial Start Time**

**[212] Call Duration Count Start Time**

**[213] DISA Delayed Answer Time**

Default	10 s	500 ms	0 s	1 ring
Parameter				
Selection	5 – 30	0 – 40	0 – 60	0 – 6

- [214] DISA Prolong Time**
- [216] Message Waiting Ring Interval Time**
- [217] Timed Reminder Alarm Ring Time**
- [218] DISA AA Wait Time**

Default	3 min	0 min	30 s	1 s
Parameter				
Selection	0 – 7	0 – 64	30 – 240	1 – 5

**[215] Outgoing Message Time**

	Default				Selection			
	0	16	32	64	0	16	32	64
OGM 1			✓					
OGM 2	✓							
OGM 3			✓					
OGM 4	✓							

The total time of Outgoing Messages cannot exceed 64 seconds.  
 Note: OGM 4 is not available (always set to “0”).

- [219] Call Park Recall Time**
- [221] Caller ID Call Waiting Time**

Default	12 rings	30 s
Parameter		
Selection	0 – 48	10 s / 20 s / 30 s / 40 s / 60 s / 120 s

## [300] TRS Override for System Speed Dialing

\	Default	Selection
Enable		
Disable	✓	

## [301-305] TRS Denied Code Entry for Levels 2 through 6

Item : Location	Parameter : 10 digits max., consisting of 0 – 9, *				
Default : all	Not Stored				
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

**[306-310] TRS Excepted Code Entry for Levels 2 through 6**

Item : Location	Parameter : 10 digits max., consisting of 0 – 9, *				
Default : all	Not Stored				
1					
2					
3					
4					
5					

**[311] Special Carrier Access Codes**

Item : Location No.	Parameter : 7 digits max., consisting of 0 – 9, *, #
Default : all	Not Stored
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	



**[332] Extra Entry Table Selection**

/	Selection : Deny / Except	Level : 1 digit, consisting of 2 - 6
Default	Except	2
Change		

**[334] Emergency Dial Number Set**

Item : Location No.	Parameter : 24 digits max., consisting of 0 – 9
Default	Location 01=911 Other location=Not Stored
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	

**[333] TRS Entry Code Assignment for Extra Table**

	Parameter : 10 digits max., consisting of 0 – 9, *				
Default : all	Not Stored				
Item : Location	Parameter	Item : Location	Parameter	Item : Location	Parameter
001		036		071	
002		037		072	
003		038		073	
004		039		074	
005		040		075	
006		041		076	
007		042		077	
008		043		078	
009		044		079	
010		045		080	
011		046		081	
012		047		082	
013		048		083	
014		049		084	
015		050		085	
016		051		086	
017		052		087	
018		053		088	
019		054		089	
020		055		090	
021		056		091	
022		057		092	
023		058		093	
024		059		094	
025		060		095	
026		061		096	
027		062		097	
028		063		098	
029		064		099	
030		065		100	
031		066		101	
032		067		102	
033		068		103	
034		069		104	
035		070		105	

		Parameter : 10 digits max., consisting of 0 – 9, *			
Default : all		Not Stored			
Item : Location	Parameter	Item : Location	Parameter	Item : Location	Parameter
106		141		176	
107		142		177	
108		143		178	
109		144		179	
110		145		180	
111		146		181	
112		147		182	
113		148		183	
114		149		184	
115		150		185	
116		151		186	
117		152		187	
118		153		188	
119		154		189	
120		155		190	
121		156		191	
122		157		192	
123		158		193	
124		159		194	
125		160		195	
126		161		196	
127		162		197	
128		163		198	
129		164		199	
130		165		200	
131		166		201	
132		167		202	
133		168		203	
134		169		204	
135		170		205	
136		171		206	
137		172		207	
138		173		208	
139		174		209	
140		175		210	

	Parameter : 10 digits max., consisting of 0 – 9, *				
Default : all	Not Stored				
Item : Location	Parameter	Item : Location	Parameter	Item : Location	Parameter
211		246		281	
212		247		282	
213		248		283	
214		249		284	
215		250		285	
216		251		286	
217		252		287	
218		253		288	
219		254		289	
220		255		290	
221		256		291	
222		257		292	
223		258		293	
224		259		294	
225		260		295	
226		261		296	
227		262		297	
228		263		298	
229		264		299	
230		265		300	
231		266		301	
232		267		302	
233		268		303	
234		269		304	
235		270		305	
236		271		306	
237		272		307	
238		273		308	
239		274		309	
240		275		310	
241		276		311	
242		277		312	
243		278		313	
244		279		314	
245		280		315	

	Parameter : 10 digits max., consisting of 0 – 9, *				
Default : all	Not Stored				
Item : Location	Parameter	Item : Location	Parameter	Item : Location	Parameter
316		351		386	
317		352		387	
318		353		388	
319		354		389	
320		355		390	
321		356		391	
322		357		392	
323		358		393	
324		359		394	
325		360		395	
326		361		396	
327		362		397	
328		363		398	
329		364		399	
330		365		400	
331		366			
332		367			
333		368			
334		369			
335		370			
336		371			
337		372			
338		373			
339		374			
340		375			
341		376			
342		377			
343		378			
344		379			
345		380			
346		381			
347		382			
348		383			
349		384			
350		385			

# Outside Line Programming

---

**[400] Outside Line Connection Assignment**

**[401] Outside Line Group Assignment**

**[402] Dial Mode Selection**

Item : Outside Line No.	Selection		Parameter : Outside Line Group No. (1-8)		Selection		
	Connect	No Connect	Default	Change	DTMF	Pulse	C. Block
Default : all	✓		Default	Change	✓		
all Outside Lines			—				
01			1				
02			2				
03			3				
04			4				
05			5				
06			6				
07			7				
08			8				
09			8				
10			8				
11			8				
12			8				

**[403] Pulse Speed Selection**

**[404] DTMF Time**

**[406] Caller ID Assignment**

Item : Outside Line No.	Selection		Selection		Selection	
	10 pps	20 pps	80 ms	160 ms	Enable	Disable
Default : all	✓		✓			✓
all Outside Lines						
01						
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						

**[405] CPC Signal Detection Incoming Set**

Item : Outside Line No.	Selection (ms)						
	Disable	100	200	300	400	500	600
Default : all					✓		
all Outside Lines							
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							



**[407-408] DIL 1:1 Extension – Day / Night**

Item : Outside Line No.	Parameter : Disable/Extension No. (2 - 4 digits)			
	Disable	Extension No.	Disable	Extension No.
Default : all	✓		✓	
all Outside Lines				
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				

**[409-410] Intercept Extension – Day / Night**

Item : Outside Line Group No.	Parameter : Disable/Extension No. (2 - 4 digits)			
	Disable	Extension No.	Disable	Extension No.
Default : all	✓		✓	
all Groups				
1				
2				
3				
4				
5				
6				
7				
8				

**[411] Host PBX Access Codes**

**[412] Pause Time**

Item : Outside Line Group No.	Parameter : Access code (1 or 2 digits, four different entries max.)	Selection : Time (s)			
		1.5	2.5	3.5	4.5
Default : all	Not Stored	✓			
all Groups					
1					
2					
3					
4					
5					
6					
7					
8					

**[413] Flash Time**

Selection : Time (ms)	Item : Outside Line Group No.									
	Default : all	all Groups	1	2	3	4	5	6	7	8
Disable										
80										
96										
112										
200										
300										
400										
500										
600	✓									
700										
800										
900										
1000										
1100										
1200										

**[415] CPC Signal Detection Outgoing Set**  
**[417] Outside Line Name Assignment**

Item : Outside Line No.	Selection		Parameter : Name (10 characters max.)
	Enable	Disable	
Default : all		✓	Not Stored
all Outside Lines			
01			
02			
03			
04			
05			
06			
07			
08			
09			
10			
11			
12			

**[414] Disconnect Time**  
**[440] Line Hunting Sequence**

Item : Outside Line Group No.	Selection : Time (s)		Selection	
	1.5	4.0	Small -> Large	Large-> Small
Default : all	✓			✓
all Groups				
1				
2				
3				
4				
5				
6				
7				
8				

**[457-458] DIL 1:1 – Lunch / Break Group**

Item : Outside Line No.	Parameter : Group No.(1 - 8)	Parameter : Group No.(1 - 8)
Default : all	Blank	Blank
all Outside Lines		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

**[462] Caller ID Call Waiting Assignment**

Item : Outside Line No.	Selection	
	Enable	Disable
Default : all	✓	
all Outside Lines		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		

**[463-464] DIL 1:1 Extension – Lunch / Break**

Item : Outside Line No.	Parameter : Disable/Extension No. (2 - 4 digits)			
	Disable	Extension No.	Disable	Extension No.
Default : all	✓		✓	
all Outside Lines				
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				

# COS Programming

---

## [500] Toll Restriction Level – Day

Item : COS No.	Default: Level								Change: Level							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
all COSs																
1	✓															
2	✓															
3	✓															
4	✓															
5	✓															
6	✓															
7	✓															
8							✓									

## [501] Toll Restriction Level – Night

Item : COS No.	Default: Level								Change: Level							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
all COSs																
1	✓															
2	✓															
3	✓															
4	✓															
5	✓															
6	✓															
7	✓															
8							✓									



**[502] Extension-to-Outside Line Call Duration Limit**

**[503] Call Transfer to Outside Line**

**[504] Call Forwarding to Outside Line**

Item : COS No.	Selection		Selection		Selection	
	Enable	Disable	Enable	Disable	Enable	Disable
Default : all		✓		✓		✓
all COSs						
1						
2						
3						
4						
5						
6						
7						
8						

**[505] Executive Busy Override**

**[506] Executive Busy Override Deny**

**[507] Do Not Disturb Override**

Item : COS No.	Selection		Selection		Selection	
	Enable	Disable	Enable	Disable	Enable	Disable
Default : all		✓	✓			✓
all COSs						
1						
2						
3						
4						
5						
6						
7						
8						

**[508] Account Code Entry Mode**

Item : COS No.	Selection		
	Option	Verify - All	Verify - Toll
Default : all	✓		
all COSs			
1			
2			
3			
4			
5			
6			
7			
8			

**[510] Night Service Access**

**[511] PT Programming Level**

Item : COS No.	Selection		Selection	
	Enable	Disable	LVL 1	LVL 2
Default : all		✓	✓	
all COSs				
1				
2				
3				
4				
5				
6				
7				
8				

# Extension Programming

---

**[601] Class of Service**

**[602] Extension Group Assignment**

**[619] Extension Call Forwarding – No Answer Time**

Parameter	COS No. (1 – 8)	Ext. Group No. (1 – 8)	No. of Rings (0 – 12)
Item	Default : all – COS 1	Default : all – 1	Default : all – 0
	Change	Change	Change
all Jacks			
Jack 01			
Jack 02			
Jack 03			
Jack 04			
Jack 05			
Jack 06			
Jack 07			
Jack 08			
Jack 09			
Jack 10			
Jack 11			
Jack 12			
Jack 13			
Jack 14			
Jack 15			
Jack 16			
Jack 17			
Jack 18			
Jack 19			
Jack 20			
Jack 21			
Jack 22			
Jack 23			
Jack 24			
Jack 25			
Jack 26			
Jack 27			
Jack 28			
Jack 29			
Jack 30			
Jack 31			
Jack 32			

**[603] DIL 1:N Extension and Delayed Ringing – Day**

Parameter	Outside Line 01						Outside Line 02						Outside Line 03					
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		

Parameter	Outside Line 04						Outside Line 05						Outside Line 06					
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		

Parameter	Outside Line 07						Outside Line 08						Outside Line 09					
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		

Parameter	Outside Line 10						Outside Line 11						Outside Line 12					
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		

**[604] DIL 1:N Extension and Delayed Ringing – Night**

Parameter	Outside Line 01						Outside Line 02						Outside Line 03					
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		



Parameter	Outside Line 04						Outside Line 05						Outside Line 06					
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		

Parameter	Outside Line 07					Outside Line 08					Outside Line 09							
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		

Parameter	Outside Line 10						Outside Line 11						Outside Line 12					
	Selection																	
Item	D	I	1	3	6	N	D	I	1	3	6	N	D	I	1	3	6	N
Default : all		✓						✓						✓				
all Jacks																		
Jack 01																		
Jack 02																		
Jack 03																		
Jack 04																		
Jack 05																		
Jack 06																		
Jack 07																		
Jack 08																		
Jack 09																		
Jack 10																		
Jack 11																		
Jack 12																		
Jack 13																		
Jack 14																		
Jack 15																		
Jack 16																		
Jack 17																		
Jack 18																		
Jack 19																		
Jack 20																		
Jack 21																		
Jack 22																		
Jack 23																		
Jack 24																		
Jack 25																		
Jack 26																		
Jack 27																		
Jack 28																		
Jack 29																		
Jack 30																		
Jack 31																		
Jack 32																		

**[605] Outgoing Permitted Outside Line Assignment – Day**

Parameter	CO 01		CO 02		CO 03		CO 04		CO 05		CO 06		CO 07		CO 08		CO 09		CO 10		CO 11		CO 12					
	Selection																											
Item	E	D	E	D	E	D	E	D	E	D	E	D	E	D	E	D	E	D	E	D	E	D	E	D	E	D		
Default : all	✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓	
all Jacks																												
Jack 01																												
Jack 02																												
Jack 03																												
Jack 04																												
Jack 05																												
Jack 06																												
Jack 07																												
Jack 08																												
Jack 09																												
Jack 10																												
Jack 11																												
Jack 12																												
Jack 13																												
Jack 14																												
Jack 15																												
Jack 16																												
Jack 17																												
Jack 18																												
Jack 19																												
Jack 20																												
Jack 21																												
Jack 22																												
Jack 23																												
Jack 24																												
Jack 25																												
Jack 26																												
Jack 27																												
Jack 28																												
Jack 29																												
Jack 30																												
Jack 31																												
Jack 32																												

**[606] Outgoing Permitted Outside Line Assignment – Night**

Parameter	CO 01	CO 02	CO 03	CO 04	CO 05	CO 06	CO 07	CO 08	CO 09	CO 10	CO 11	CO 12				
	Selection															
Item	E	D	E	D	E	D	E	D	E	D	E	D	E	D	E	D
Default : all	✓		✓		✓		✓		✓		✓		✓		✓	
all Jacks																
Jack 01																
Jack 02																
Jack 03																
Jack 04																
Jack 05																
Jack 06																
Jack 07																
Jack 08																
Jack 09																
Jack 10																
Jack 11																
Jack 12																
Jack 13																
Jack 14																
Jack 15																
Jack 16																
Jack 17																
Jack 18																
Jack 19																
Jack 20																
Jack 21																
Jack 22																
Jack 23																
Jack 24																
Jack 25																
Jack 26																
Jack 27																
Jack 28																
Jack 29																
Jack 30																
Jack 31																
Jack 32																

**[607] Doorphone Ringing Assignment – Day**  
**[608] Doorphone Ringing Assignment – Night**  
**[609] Voice Mail Access Codes**

Item	Parameter : Doorphone (1-4)				Parameter :				16 digits max, consisting of 0 – 9, * , #, Pause.
	1	2	3	4	1	2	3	4	
Default	✓	✓	✓	✓	✓	✓	✓	✓	All Jacks : Not Stored
	(Jack 01) Others : Disable				(Jack 01) Others : Disable				
all Jacks									
Jack 01									
Jack 02									
Jack 03									
Jack 04									
Jack 05									
Jack 06									
Jack 07									
Jack 08									
Jack 09									
Jack 10									
Jack 11									
Jack 12									
Jack 13									
Jack 14									
Jack 15									
Jack 16									
Jack 17									
Jack 18									
Jack 19									
Jack 20									
Jack 21									
Jack 22									
Jack 23									
Jack 24									
Jack 25									
Jack 26									
Jack 27									
Jack 28									
Jack 29									
Jack 30									
Jack 31									
Jack 32									

**[610] Live Call Screening Recording Mode Assignment**

**[621] Cordless PT Extension Port**

**[624] Common Area Call Log Check Assignment**

**[625] Room Monitor Assignment**

Item : Jack No.	Selection		Selection		Selection		Selection	
	Stop Rec	Keep Rec	Yes	No	Disable	Enable	Disable	Enable
Default : all	✓			✓		✓	✓	
all Jacks								
01								
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								

**[620] Lunch / Break Group Assignment**

	Item :	Parameter : Extension No. (2 – 4 digits)			
	Location No.	Blank		Location No.	
Default : all					
Group 1	1		Group 5	1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	
	7			7	
	8			8	
Group 2	1		Group 6	1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	
	7			7	
	8			8	
Group 3	1		Group 7	1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	
	7			7	
	8			8	
Group 4	1		Group 8	1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	
	7			7	
	8			8	



## [800] SMDR Incoming / Outgoing Call Log Printout

Item	Default	Selection
Outgoing calls	All	✓
	Toll	
	Off	
Incoming calls	On	✓
	Off	

## [801] SMDR Format

Item	Default	Parameter
Page Length (4 – 99)	66	
Skip Perforation (0 – 95)	0	
Note : The page length should be 4 lines or more longer than the skip perforation length.		

## [802] System Data Printout

Selection
Not Applicable

## [803] Music Source Use

Item	Parameter : Music		
	1	2	No Use
Default : Both	✓		
Hold			
BGM			

**[804] External Pager BGM**

Item	Selection	
	Enable	Disable
Default : all		✓
Pager 1		
Pager 2		

**[805] External Pager Confirmation Tone**

	Default	Selection
On	✓	
Off		

**[809] DISA Security Type**

	Default	Selection
Non		
Trunk	✓	
All		

**[810] DISA Tone Detection**

	Default	Selection
Enable	✓	
Disable		

**[812] DISA DTMF Repeat**

Item	Selection	
	Repeat	Through
Default : Both	✓	
Dial		
Call		

**[806] Serial Interface (RS-232C) Parameters**

Item		Default	Selection
NL Code	CR+LF	✓	
	CR		
Baud Rate	150		
	300		
	600		
	1200		
	2400		
	4800		
	9600	✓	
	19200		
Word Length	7		
	8	✓	
Parity Bit	None		
	Mark	✓	
	Space		
	Even		
	Odd		
Stop Bit	1	✓	
	2		

**[813] Floating Number Assignment**

Item	Floating No. (2 – 4 digits)	
	Default	Parameter
Pager 1	196	
Pager 2	197	
DISA 1	198	
DISA 2	298	
E-Group 1	191	
E-Group 2	192	
E-Group 3	193	
E-Group 4	194	
E-Group 5	291	
E-Group 6	292	
E-Group 7	293	
E-Group 8	294	

**[815] DISA Built-in Auto Attendant**

Item : DISA AA No.	Parameter : Extension/ Floating No. (2 – 4 digits)
Default	Disable
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	

**[818] Doorphone Ringing / Tone Pattern Selection**

Item :	Selection			
	Single	Double	Triple	S-Double
Default : all			✓	
all doorphones				
1				
2				
3				
4				

### [819] Doorphone Access Tone Selection

Item :	Selection	
	Enable	Disable
Default : all	✓	
all doorphones		
1		
2		
3		
4		

### [820] Doorphone Ringing Time

Item :	Selection	
	15 s	30 s
Default : all		✓
all doorphones		
1		
2		
3		
4		

**[821] Doorphone Ring/Chime Selection****[822] Doorphone Chime Assignment**

Doorphone no.	Selection			Selection			
	Ring	Chime	Ring & Chime	Relay 1	Relay 2	Relay 3	Relay 4
Default : all	✓						✓
1							
2							
3							
4							
*							

**[823] Doorphone Chime Pattern Selection**

Doorphone no.	Selection							
	Pattern 1	Pattern 2	Pattern 3	Pattern 4	Pattern 5	Pattern 6	Pattern 7	Pattern 8
Default : all	✓							
1								
2								
3								
4								
*								

# Optional Programming

## [990] System Additional Information

< Selection >																
Area – Bit							Area – Bit									
01 – 1 : 0 (ringback tone) / 1 (Music on Hold)							05 – 5 : 0 (immediately) / 1 (after 5 seconds)									
01 – 2 : 0 (Consultation Hold) / 1 (disconnection)							05 – 6 : 0 (disable) / 1 (enable)									
01 – 3 : 0 (disconnection signal) / 1 (External Feature Access)							05 – 7 : 0 (enable) / 1 (disable)									
01 – 4-7 : Unused							05 – 8 : 0 (3 s) / 1 (5 s)									
01 – 8 : 0 (disable) / 1 (enable)							05 – 9 : 0 (disable) / 1 (enable)									
01 – 9 : 0 (Consultation Hold) / 1 (disconnection)							05 – 10 : 0 (Terminate) / 1 (Flash)									
01 – 10 : 0 (80 ms) / 1 (160 ms)							05 – 11 : 0 (3 times by 40 ms) / 1 (2 times by 280 ms)									
01 – 12,11 : 00 (0.5 s) / 01 (1.0 s) / 10 (1.5 s) / 11 (2.0 s)							05 – 12 : 0 (<Incoming> + caller no.) / 1 (<I> + caller no. + name)									
01 – 14,13 : 00 (0.5 s) / 01 (1.0 s) / 10 (1.5 s) / 11 (2.0 s)							05 – 13 : 0 (enable) / 1 (disable)									
01 – 15 : 0 (system) / 1 (VPS)							05 – 14 : 0 (IRNA) / 1 (reorder tone is sent)									
01 – 16 : Unused							05 – 15 : 0 (Operators 1 and 2 simultaneously) / 1 (Operator 1 first and then Operator 2)									
02 – 1 : 0 (initiating extension) / 1 (Operator 1)							05 – 16 : 0 (enable) / 1 (disable)									
02 – 2 : 0 (both calls) / 1 (outgoing calls only)							06 – 1 : 0 (not printed out) / 1 (printed out)									
02 – 3 : 0 (disable) / 1 (enable)							06 – 2-4 : Unused									
02 – 4 : 0 (no check) / 1 (check)							06 – 5 : 0 (first entered code) / 1 (last entered code)									
02 – 5 : Unused							06 – 6 : 0 (receive) / 1 (not receive)									
02 – 6 : 0 (disable) / 1 (enable)							06 – 7 : 0 (receive) / 1 (not receive)									
02 – 7 : 0 (60 %) / 1 (67 %)							06 – 8 : 0 (disable) / 1 (enable)									
02 – 8 : 0 (extension number) / 1 (free)							06 – 9-16 : Unused									
02 – 9 : Unused							07 – 1-6 : Unused									
02 – 10 : 0 (internal music source) / 1 (external music source)							07 – 7 : 0 (beep) / 1 (usual music source)									
02 – 12,11 : 00 (630 ms) / 01 (830 ms) / 10 (1030 ms)							07 – 9,8 : 01 (IRNA) / 10/11 (receive at the CO button) / 00 (busy tone is sent)									
02 – 13 : 0 (normal) / 1 (distinctive)							07 – 10-16 : Unused									
02 – 14 : 0 (84 ms–1000 ms) / 1 (200 ms–1000 ms)							08 – 1-16 : Unused									
02 – 16,15 : Unused							09 – 2,1 : Unused									
03 – 1-12 : 0 (0 dB) / 1 (- 3dB)							09 – 4,3 : 11 (Red Flashing / Red On) / 10 (Red On / Red On) / 01 (Red On / Red Flashing) / 00 (Red Flashing / Red Flashing)									
03 – 13-16 : Unused							09 – 5-8 : Unused									
04 – 1-8 : Unused							09 – 9 : 0 (remains the current display) / 1 (Call duration)									
04 – 9 : 0 (prevent) / 1 (allow)							09 – 11,10 : Unused									
04 – 10 : 0 (prevent) / 1 (allow)							09 – 12 : 0 (permit) / 1 (disallow)									
04 – 12,11 : Unused							09 – 13-16 : Unused									
04 – 13 : 0 (disable) / 1 (enable)							10 – 1-16 : Unused									
04 – 14-16 : Unused																
05 – 1 : 0 (enable) / 1 (disable)																
05 – 2 : 0 (10 times) / 1 (no limitation)																
05 – 3 : 0 (disable) / 1 (enable)																
05 – 4 : Unused																
Area 01																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	1
Selection																



Area 02																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	0	0	1	1	0	0	0	1	0	1	1	0	0
Selection																
Area 03																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Selection																
Area 04																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
Selection																
Area 05																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Selection																
Area 06																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Selection																
Area 07																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Selection																
Area 08																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Selection																
Area 09																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
Selection																
Area 10																
Bit	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Selection																

### [991] COS Additional Information

Item	Field															
	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Default : all COS	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0
COS 1																
COS 2																
COS 3																
COS 4																
COS 5																
COS 6																
COS 7																
COS 8																

  

<Selection>

**Bit 4 – 1 :** **0000** (no limit)    **1000** (8 digits)  
                   **0001** (1 digit)    **1001** (9 digits)  
                   **0010** (2 digits)    **1010** (10 digits)  
                   **0011** (3 digits)    **1011** (11 digits)  
                   **0100** (4 digits)    **1100** (12 digits)  
                   **0101** (5 digits)    **1101** (13 digits)  
                   **0110** (6 digits)    **1110** (14 digits)  
                   **0111** (7 digits)    **1111** (15 digits)

**Bit 5 :** **0** (disable) / **1** (enable)

**Bit 16 – 6 :** Unused

<COS 5>

**Bit 9 :** **0** (Separate) / **1** (Counter)

**Bit 11 – 10 :** **00** (64 ms x 2) / **01** (64 ms x 3) / **10** (64 ms x 4) / **11** (64 ms x 1)

**Bit 12 :** **0** (Wait) / **1** (IRNA destination)



**Panasonic Consumer Electronics  
Company, Division of Matsushita  
Electric Corporation of America**

One Panasonic Way, Secaucus,  
New Jersey 07094  
www.panasonic.com

**Panasonic Sales Company (“PSC”),  
Division of Matsushita Electric of  
Puerto Rico, Inc.**

Ave. 65 de Infantería, Km. 9.5,  
San Gabriel Industrial Park, Carolina,  
Puerto Rico 00985

**Copyright:**

This manual is copyrighted by Panasonic Communications Co., Ltd. (PCC). Under the applicable copyright laws, this manual may not be reproduced in any form, in whole or part, without the prior written consent of PCC and its licensee.

© 2001 Panasonic Communications Co., Ltd. All Rights Reserved.