

NEC



**LEVEL II & LEVEL II ADVANCED
JOB SPECIFICATIONS MANUAL**

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PREFACE

THIS MANUAL

The *Job Specifications Manual* is designed to help you install and maintain the Electra Professional Level II and Level II Advanced systems. This manual contains the Job Specification worksheets. When completed, they provide all the system programming values and configuration information necessary to assist technicians in maintaining the system.

During the initial stages of system planning, the Job Specification worksheets are necessary for collecting information to accurately configure the installation of the Electra Professional Level II and Level II Advanced Key Telephone Systems. The customer information, collected by the appropriate personnel, is recorded on the specification worksheets. These sheets are arranged in the logical order of the memory blocks to make the system programming as efficient as possible.

There are 6 groups of programming worksheets for entering: System Mode functions, Tenant Mode functions, CO/PBX Line Mode functions, Telephone Mode functions, Trunk Group Mode functions, and KTU Mode functions.

SUPPORTING DOCUMENTS

In addition to the *Job Specifications Manual*, the Electra Professional Level II and Level II Advanced systems are supported by the following technical manuals:

Electra Professional Level II and Level II Advanced General Description Manual (Stock Number 722020)

Designed and developed to provide a general overview of the Electra Professional Level II and Level II Advanced systems, its features, configuration, service features, specifications, and standards.

Electra Professional Level II and Level II Advanced Features and Specifications Manual (Stock Number 722021)

Provides an expanded discussion of each feature that is available to the Electra Professional Level II and Level II Advanced systems. In addition, the Features and Specifications Manual provides Station Application, Operating Procedures, and Service Conditions.

Electra Professional Level II and Level II Advanced Installation Service Manual (Stock Number 722022)

Designed and developed for the service technician, the Installation Service Manual provides detailed instructions for system installation, programming, and maintenance.

Electra Professional Level II and Level II Advanced Station Operations Manual (Stock Number 722023)

This manual explains in detail the station operations for all station user features. This manual is designed for use by installers and end users.

Electra Professional Level II and Level II Advanced Automatic Call Distribution Manual (Stock Number 720234)

This manual is also included with the MIF-F(A)-10 KTU (Stock Number 720233). It is designed to provide the service technician with the instructions for programming the ACD feature. This manual is also intended for the ACD supervisor, at the customer's site, to use to become familiar with the system in order to take full advantage of the ACD/MIS feature.

Electra Professional Level II and Level II Advanced Least Cost Routing Manual

This manual is included with the Electra Professional Level II and Level II Advanced Least Cost Routing software (Stock No. 722302). It provides instructions for the service technician for programming the customer's site for Least Cost Routing.

Electra Professional Level II and Level II Advanced System Program Technician Manual

This manual is included with the Electra Professional Level II and Level II Advanced systems Program Technician Software (Stock No. 722312). It is intended for use by the service technician when using the PC software to program the Electra Professional Level II and Level II Advanced systems. This manual explains the use of the various screens within the PC software that allow the technician to program the system to meet the individual customer's needs.

Electra Professional Level II and Level II Advanced System Program End-User Manual

This manual is included with the Electra Professional Level II and Level II Advanced systems Program End-User Software (Stock No. 722313). It is intended for use by the end-user when using PC software to make day-to-day changes in the Electra Professional Level II and Level II Advanced systems program. This manual explains the use of various screens within the PC software.

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SECTION 1 JOB SPECIFICATION INSTRUCTIONS FOR WORKSHEETS

Use the Job Specification Worksheets in this manual to record system specifications and programming data. [Refer to Chapter 2 (Programming) of the *Electra Professional Level II and Level II Advanced Installation Service Manual* for specific programming instructions.] There are two methods of completing the following worksheets.

Format 1

Many of the worksheets use the following format:

M.B.	1-1-00	
Function	Pause Time Selection	
Default	3 sec.	
Selections	1 sec.	3 sec.
New Entry		

A space has been left blank in the New Entry row to enter the applicable selection.

Format 2

The remaining worksheets consist of charts, which may include CO/PBX lines (1~64) or Telephone Numbers (1~96). The Electra Professional Level II system can support 56 CO/PBX lines and 56 telephone numbers. The Electra Professional Level II Advanced system can support 64 CO/PBX lines and 96 telephone numbers. For these charts, enter the applicable data [e.g., check mark (✓), Y (Yes), N (No), D (Day), or N (Night)] in each column or row.

Example:

M.B.	4-35
Function	Voice Mail/SLT Selection
Default	No
Selections	Yes
New Entry	Refer to table.

Enter a check mark (✓) in the Yes column for each telephone number interfaced with Voice Mail

M.B. 4-35

Tel. Port No.	Voice Mail	
	Yes	No
10		
20		
30		
40		
50		
60		
70		
80		
90		
10		
11		
12		
13		
14		
15		
16		

SECTION 2 SYSTEM CONFIGURATION LIST

Item	Name Code	Remarks
Key Service Unit Electra Professional Level II	ESF-SB-10 KSU	Basic KSU
	ESF-SE-10 KSU	Expansion KSU
	PSF-S-20 PSU	Power Supply Unit included with Basic and Expansion Units
Key Service Unit Electra Professional Level II Advanced	ESF-XB-10 KSU	Basic KSU
	ESF-XE-10 KSU	Expansion KSU
	PSF-P-20 PSU	Power Supply Unit included with Basic and Expansion Units
Units	CPU-F()-20 KTU	Central Processing Unit
	MMC-F-11 KTU	Required for each ESF-XE-10 KSU
	CID-F(8)-10 Unit	Provides caller ID Detection for COI
	COI-F(4)-20 KTU	4-Channel COI
	COI-F(4)-30 KTU	4-Channel COI, Caller ID Trunk Interface
	COI-F(8)-20 KTU	8-Channel COI
	COI-F(8)-30 KTU	8-Channel COI, Caller ID Trunk Interface
	DID-F(4)-10 KTU	4-Channel DID
	TLI-F(2)-10 KTU	2-Channel 4-Wire E&M Tie Line
	DTI-F()-10 KTU	1-Channel T1 Trunk
	DTI-F(A)-20 KTU	1-Channel T1 Trunk, Tie Line and DID
	CLK-F-21 Unit	Clock synchronized for T1 Trunk
	ESI-F(8)-21 KTU	8-Channel ESI
	SLI-F(8G)-21 KTU	8-Channel SLI
	LLT-F(2G)-10 KTU	2-Channel OPX
	ECR-F-11- KTU	8-Relay KTU for External Ringing/Paging
	PBR-F(4)-11 KTU	4-Channel Push Button Receiver
	VRS-F(4)-11 KTU	4-Channel Voice Recording Service
	MIF-F(S)-10 KTU	SMDR and PC Programming
	MIF-F(L)-10 KTU	SMDR, PC Programming and LCR
MIF-F(A)-10 KTU	ACD-MIS Terminal Connection	
MIF-F(U)-10 KTU	UCD Feature	
MIF-F(C)-10 KTU	Caller ID Feature	

10
11
12
13
14
15
16

SYSTEM CONFIGURATION LIST (Continued)

Item	Name Code	Remarks
Multiline Terminals	ETW-8-1 (BK)/(SW) TEL	8-Line Telephone
	ETW-16DC-1 (BK)/(SW) TEL	16-Line Telephone, LCD
	ETW-16DD-1 (BK)/(SW) TEL	16-Line Telephone, LCD, 20 Programmable Keys
	ETW-24DS-1 (BK)/(SW)TEL	24-Line Telephone, LCD, 12 Programmable Keys
	SLT-F(1G)-10 ADP	Interface for SLT or similar device
	SLT-F(1G)-20 ADP	Interface for SLT or Voice Mail
	EDW-48- () (BK)/(SW) Console	Attendant Add-On Console
Lines	CO Line	
	PBX Line	
	Tie Line (4-wire E&M)	
	DID Line	
	T1/FT1 Line	
Optional Devices	ADA(1)-W (BK)/(SW) Unit	Headset, External Speakerphone, Tape Recorder Interface
	ADA(2)-W (BK)/(SW) Unit	SLT, Fax, Modem, Answering Machine Interface
	WMU-W (BK)/(SW) Unit	Wall Mounting Unit
	ETW-4R-1 (BK) TEL	Dterm Cordless Terminal

SECTION 3 INTERFACE SLOT ASSIGNMENT AND ROM VERSION LIST

Level II System

Enter unit name, Port Number, and ROM Version (if applicable) to be mounted in the Key Service Unit.

Port Number Example Telephone: T 01~08

CO/PBX Line: C 01~08

Basic KSU

Expansion KSU

Unit	Basic KSU							Expansion KSU			
	OP	CPU	IF1/OP1	IF2/OP2	IF3/OP3	IF4/OP4	IF5	IF6	IF7	IF8	
ROM Version											
Port Nos.											
Slot No.	OP	CPU	IF1/OP1	IF2/OP2	IF3/OP3	IF4/OP4	IF5	IF6	IF7	IF8	

SYSTEM CONFIGURATION LIST (Optional)

Level II Advanced System

Enter unit name, Port Number, and ROM Version (if applicable) to be mounted in the Key Service Unit.

Port Number Example Telephone: T 01~08
CO/PBX Line: C 01~08

Expansion KSU

Unit											
ROM Version											
Port Nos.											
Slot No.		MMC	IF1	IF2	IF3	IF4	IF5	IF6	IF7	IF8	

Expansion KSU

Unit											
ROM Version											
Port Nos.											
Slot No.	OPA	OPB	MMC	IF1/OP1	IF2/OP2	IF3/OP3	IF4/OP4	IF5	IF6	IF7	IF8

Basic KSU

Unit											
ROM Version											
Port Nos.											
Slot No.	OPA	OPB	CPU	IF1/OP1	IF2/OP2	IF3/OP3	IF4/OP4	IF5	IF6	IF7	IF8

SECTION 4 JOB SPECIFICATION WORKSHEETS

**System Mode (LK 1)
CO Line (LK 1)
No. 00, 01, 02, and 03**

- M.B. 1-1-00 **Pause Time Selection**
Duration when no signal is sent to a CO/PBX line.
- M.B. 1-1-01 **DP Interdigit Time Selection**
Minimum interval between dialing signals in DP dialing.
- M.B. 1-1-02 **Hookflash Time Selection**
Timing of a CO/PBX hookflash from the RECALL key of a Multiline Terminal or the Single Line Telephone to the CO/PBX line.
- M.B. 1-1-03 **Hold Recall Timer Selection (Non-Exclusive Hold)**
Number of minutes before a recall tone is generated for a held CO/PBX line.

M.B.	1-1-00	1-1-01	M.B.
Function	Pause Time Selection	DP Interdigit Time Selection	Function
Default	3 sec.	Pattern B	Default
Selections	<u>Expressed in seconds</u> 1 3	Pattern A	Pattern B
		10 pps 20 pps	10 pps 20 pps
		650 ms. 500 ms.	800 ms. 800 ms.
New Entry			New Entry

M.B.	1-1-02	1-1-03
Function	Hookflash Time Selection	Hold Recall Timer Selection (Non-Exclusive Hold)
Default	600 ms.	25 sec.
Selections	<u>Expressed in milliseconds</u> 20 40 60 80 100 140 160 200 400 600 800 1000 1500 2000 3000 5000	<u>Expressed in seconds</u> 25 45 90 No Limit
New Entry		

**System Mode (LK 1)
CO Line (LK 1)
No. 04, 05, 06, and 07**

- M.B. 1-1-04 Automatic Redial Time Selection**
Specify the call waiting time and number of times the system automatically redials a station number.
- M.B. 1-1-05 Start Timer Selection**
Specify the time interval for the Elapsed Call Start Timer, SMDR Start Timer, and/or Talk Start Timer.
- M.B. 1-1-06 CO/PBX Incoming Ringing Alarm Time Selection**
Specify the the time interval from the receiving of an incoming CO/PBX call until the ringing tone changes to a different ringing tone level if the call is not answered.
- M.B. 1-1-07 Tie/DID Line Delay Ringing Timer Selection**
Specify the delay interval between the time a telephone rings (accessed by a ringing call on a Tie/DID line) and the time other telephones start ringing.

M.B.	1-1-04	1-1-05
Function	Automatic Redial Time Selection	Start Timer Selection
Default	Table 1 30 sec. Table 2 60 sec. Table 3 2 times	20 sec.
Selections	Table 1 Calling Time 1~100 sec. Table 2 Call Waiting Time 1~100 sec. Table 3 Call Attempts 1~255 times	<u>Expressed in seconds</u> 2 10 20 30 40 50 60 70
New Entry	Table 1 ___ sec. Table 2 ___ sec. Table 3 ___ times	

M.B.	1-1-06	1-1-07
Function	CO/PBX Incoming Ringing Alarm Time Selection	Tie/DID Line Delay Ringing Timer Selection
Default	No Limit	No Limit
Selections	<u>Expressed in seconds</u> 10 20 30 No Limit	<u>Expressed in seconds</u> 10 20 30 No Limit
New Entry		

**System Mode (LK 1)
CO Line (LK 1)
No. 09, 11, 12, 13, and 14**

- M.B. 1-1-09 Manual Pause Selection**
Specify whether pressing the LNR/SPD key inserts a pause after one or more digits are dialed instead of executing "Last Number Dialed/Speed Dial."
- M.B. 1-1-11 System Transfer/Camp-On Selection**
Specify whether to allow or deny Ring Transfer or Station Camp-On on a system-wide basis.
- M.B. 1-1-12 Station Transfer/Camp-On Recall Timer Selection**
Specify the length of time to recall an unanswered Ring Transfer or Camp-On call (from a station without an Attendant Add-On Console) to the originating station.
- M.B. 1-1-13 CO Transfer Ring Pattern Selection**
Specify the Ring Pattern when a CO Ring Transfer is made.
- M.B. 1-1-14 CO Transfer Ring Tone Selection**
Select the Ring Tone for CO Ring Transfer.

M.B.	1-1-09	1-1-11	1-1-12
Function	Manual Pause Selection	System Transfer/Camp-On Selection	Station Transfer/Camp-On Recall Timer Selection
Default	No	Yes	45 sec.
Selections	Yes No	Yes No	<u>Expressed in seconds</u> 25 45 90 No Limit
New Entry			

M.B.	1-1-13	1-1-14
Function	CO Transfer Ring Pattern Selection	CO Transfer Ring Tone Selection
Default	Pattern C	Tone A
Selections	Tone Off, Tone On, Pattern A~H	Tone A~H
New Entry		

**System Mode (LK 1)
CO Line (LK 1)**

No. 08, 13, and 14

M.B. 1-1-18 System Speed Dial Restriction by Tenant
Specify whether or not System Speed Dial is restricted for each tenant.

M.B.	1-1-18
Function	System Speed Dial Restriction by Tenant
Default	Not Restricted
Selections	ON = Not Restricted OFF = Restricted
New Entry	Refer to table below.

Enter selection in the applicable column.

Access Code										Access Code									
	0	1	2	3	4	5	6	7	8		0	1	2	3	4	5	6	7	8
Tenant No.	×	×	×	×	×	×	×	×	×	Tenant No.	×	×	×	×	×	×	×	×	×
00										14									
01										15									
02										16									
03										17									
04										18									
05										19									
06										20									
07										21									
08										22									
09										23									
10										24									
11										25									
12										26									
13										27									

Continued on next page.

System Mode (LK 1)

CO Line (LK 1)

No. 18 (Continued)

Access Code									Access Code										
	0	1	2	3	4	5	6	7		8	0	1	2	3	4	5	6	7	8
Tenant No.	×	×	×	×	×	×	×	×	×	Tenant No.	×	×	×	×	×	×	×	×	×
28									38										
29									39										
30									40										
31									41										
32									42										
33									43										
34									44										
35									45										
36									46										
37									47										

Function	Default	Selections	New Entry
PBXCTX Access Code Assignment I	9	Up to six digits. Refer to Electro Professional Level II and Level II Advanced Installation Service Manual, Chapter 2 (Programming).	
PBXCTX Access Code Assignment II	8	Up to six digits. Refer to Electro Professional Level II and Level II Advanced Installation Service Manual, Chapter 2 (Programming).	
OR-Hook Ringing Selection	Yes	Yes	

System Speed Dial Number Access Code Table

Access Code	Speed Dial Number		Function	Default	Selections	New Entry
	90 Codes	1000 Codes				
0X	00 ~ 09	000 ~ 099	Automatic Dialing by Telephone or CO Selection	TEL	TEL	1: Night to Day 2: Night to Day
1X	10 ~ 19	100 ~ 199				
7X	70 ~ 79	700 ~ 799				
8X	80 ~ 89	800 ~ 899				

**System Mode (LK 1)
CO Line (LK 1)
No. 24, 25, 26, 27, and 28**

M.B. 1-1-24	PBX/CTX Access Code Assignment I Specify a CO line PBX/CTX Access Code with pause(s) for PBX/CTX outgoing calls.
M.B. 1-1-25	PBX/CTX Access Code Assignment II Specify a Tie line PBX/CTX Access Code with pause(s) for PBX/CTX Line outgoing calls.
M.B. 1-1-26	Off-Hook Ringing Selection Specify whether or not a ringing tone is generated for incoming calls to a ring-assigned CO/PBX line when a terminal is off-hook.
M.B. 1-1-27	Automatic Day/Night Mode Switching Time Assignment Specify start time for Day Mode and Night Mode. Note 1: Day Mode and Night Mode cannot have the same start time. Note 2: Day Mode ONLY or Night Mode ONLY is not a valid entry.
M.B. 1-1-28	Distinctive Ringing by Telephone or CO Selection Specify mode. TEL refers to Telephone Mode, CO refers to CO/PBX Line Mode.

M.B.	1-1-24	1-1-25	1-1-26
Function	PBX/CTX Access Code Assignment I	PBX/CTX Access Code Assignment II	Off-Hook Ringing Selection
Default	9-	8-	Yes
Selections	Up to six digits. Refer to <i>Electra Professional Level II and Level II Advanced Installation Service Manual, Chapter 2 (Programming)</i> .	Up to six digits. Refer to <i>Electra Professional Level II and Level II Advanced Installation Service Manual, Chapter 2 (Programming)</i> .	Yes No
New Entry			

M.B.	1-1-27	1-1-28									
Function	Automatic Day/Night Mode Switching Time Assignment	Distinctive Ringing by Telephone or CO Selection									
Default	Not Specified	TEL									
Selections	<table border="0"> <tr> <td><u>Switching No.</u></td> <td><u>Day Mode Start Time</u></td> <td><u>Night Mode Start Time</u></td> </tr> <tr> <td>1</td> <td>00:00~23:59</td> <td>00:00~23:59</td> </tr> <tr> <td>2</td> <td>00:00~23:59</td> <td>00:00~23:59</td> </tr> </table>	<u>Switching No.</u>	<u>Day Mode Start Time</u>	<u>Night Mode Start Time</u>	1	00:00~23:59	00:00~23:59	2	00:00~23:59	00:00~23:59	TEL CO
<u>Switching No.</u>	<u>Day Mode Start Time</u>	<u>Night Mode Start Time</u>									
1	00:00~23:59	00:00~23:59									
2	00:00~23:59	00:00~23:59									
New Entry	1: Night to Day ____:____ Day to Night ____:____ 2: Night to Day ____:____ Day to Night ____:____										

**System Mode (LK 1)
CO Line (LK 1)
No. 29**

M.B. 1-1-29

Private Line Assignment

Specify an outside line for use as a private line.

M.B.	1-1-29			M.B.
Function	Private Line Assignment			Function
Default	Not Specified			Default
Selections	CO Port No. (01~64)	1	Telephone Port No. (01~96)	Selections
		2	Telephone Port No. (01~96)	New Entry
New Entry	1	CO No. =	Tel Port No. =	
	2	CO No. =	Tel Port No. =	

Block No.	Priority No.	Trunk Group (01~32)	Block No.	Priority No.	Trunk Group (01~32)
1	1		1	1	
	2			2	
	3			3	
	4			4	

Block No.	Priority No.	Trunk Group (01~32)	Block No.	Priority No.	Trunk Group (01~32)
2	1		2	1	
	2			2	
	3			3	
	4			4	

Block No.	Priority No.	Trunk Group (01~32)	Block No.	Priority No.	Trunk Group (01~32)
3	1		3	1	
	2			2	
	3			3	
	4			4	

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 30**

M.B. 1-1-30

Route Advance Block Assignment

Specify Priority No. (1~4) for each Trunk Group in each block (16 blocks available).

M.B.	1-1-30		M.B.
Function	Route Advance Block Assignment		Function
Default	All Blocks 00		Default
Selections	Block 1~16	Priority No. 1~4	Trunk Group No. 01~32
New Entry	Refer to table below.		New Entry

Enter the assigned Trunk Group number for each Block and Priority No.

Block No.	Priority No.	Trunk Group (01~32)
1	1	
	2	
	3	
	4	

Block No.	Priority No.	Trunk Group (01~32)
4	1	
	2	
	3	
	4	

Block No.	Priority No.	Trunk Group (01~32)
2	1	
	2	
	3	
	4	

Block No.	Priority No.	Trunk Group (01~32)
5	1	
	2	
	3	
	4	

Block No.	Priority No.	Trunk Group (01~32)
3	1	
	2	
	3	
	4	

Block No.	Priority No.	Trunk Group (01~32)
6	1	
	2	
	3	
	4	

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 32, 33, 34, 35, and 36**

M.B. 1-1-32	Automatic Day/Night Mode by Day of Week Selection Specify the pattern for automatic switching between Day and Night Mode by day of the week.
M.B. 1-1-33	Speed Dial Number/Name Display Selection Specify which is displayed first, Speed Dial Number or Speed Dial Name.
M.B. 1-1-34	Tie/DID Line First Ring Pattern Selection Specify ringing tone for incoming calls on Tie lines.
M.B. 1-1-35	Speed Dial Buffer Allocation Specify the number of Speed Dial buffer memories allocated.
M.B. 1-1-36	CO/PBX Call Forward - All Calls Selection Specify whether or not Call Forward of CO/PBX incoming calls is allowed.

M.B.	1-1-32	1-1-33																
Function	Automatic Day/Night Mode by Day of Week Selection	Speed Dial Number/Name Display Selection																
Default	Sunday to Saturday = Pattern 1	Dialed Number																
Selections	Sunday to Saturday Pattern 1 or 2	Dialed Number Name																
New Entry	<table border="1"> <thead> <tr> <th><u>Day</u></th> <th><u>Pattern</u></th> </tr> </thead> <tbody> <tr><td>Sunday</td><td>_____</td></tr> <tr><td>Monday</td><td>_____</td></tr> <tr><td>Tuesday</td><td>_____</td></tr> <tr><td>Wednesday</td><td>_____</td></tr> <tr><td>Thursday</td><td>_____</td></tr> <tr><td>Friday</td><td>_____</td></tr> <tr><td>Saturday</td><td>_____</td></tr> </tbody> </table>	<u>Day</u>	<u>Pattern</u>	Sunday	_____	Monday	_____	Tuesday	_____	Wednesday	_____	Thursday	_____	Friday	_____	Saturday	_____	
<u>Day</u>	<u>Pattern</u>																	
Sunday	_____																	
Monday	_____																	
Tuesday	_____																	
Wednesday	_____																	
Thursday	_____																	
Friday	_____																	
Saturday	_____																	

M.B.	1-1-34	1-1-35	1-1-36						
Function	Tie/DID Line First Ring Pattern Selection	Speed Dial Buffer Allocation	CO/PBX Call Forward - All Calls Selection						
Default	Pattern 3	100 memories	No						
Selections	<table border="1"> <thead> <tr> <th>Pattern 1</th> <th>Pattern 2</th> </tr> </thead> <tbody> <tr> <td>Pattern 3</td> <td>Pattern 4</td> </tr> <tr> <td>ICM</td> <td>Voice</td> </tr> </tbody> </table>	Pattern 1	Pattern 2	Pattern 3	Pattern 4	ICM	Voice	100 memories 1000 memories	Yes No
Pattern 1	Pattern 2								
Pattern 3	Pattern 4								
ICM	Voice								
New Entry									

**System Mode (LK 1)
CO Line (LK 1)
No. 37 and 46**

M.B. 1-1-37

Trunk Queuing Timeout Selection

Specify the time a station rings while queuing for a trunk before being automatically canceled.

M.B. 1-1-46

Access Code (1-Digit) Assignment

Assign 1-digit dial numbers (0~9, *, #) as Access Codes for system functions. (Refer to table on following pages for a list of function names and numbers.)

M.B.	1-1-37	1-1-46
Function	Trunk Queuing Timeout Selection	Access Code (1-Digit) Assignment
Default	10 sec.	0: 176 Specified Station Access Code 1~3: 001 Station Number 4~7: 000 Not Used 8: 102 Trunk Group 2 9: 101 Trunk Group 1 *: 096 Last Number Redial #: 026 Callback Message Answer
Selections	<u>Expressed in seconds</u> 10 20 30 60	Refer to table on the following pages.
New Entry		Refer to table below.

Enter the Function No. and Name for the assigned Dial No.

M.B. 1-1-46

Dial No.	Function No.	Function Name
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 46 (Continued)**

Note: This table applies to Data Numbers 46, 47 and 48.

Default Dial No.	Function No.	Function Name
4, 5, 6, 7	000	Not Used
1, 2, 3	001	Station Number
	002	Not Used
	019	Not Used
	020	Call Forward No Answer Set
	021	Call Forward No Answer Cancel
	022	Call Forward Busy Set
	023	Call Forward Busy Cancel
43	024	Call Forward Busy/No Answer Set
44	025	Call Forward Busy/No Answer Cancel
#	026	Callback Message Answer
6#	027	SLT Hookflash
	028	Not Used
	029	Not Used
41	030	Call Forward All Call Set
40	031	DND Set
42	032	Call Forward All Call/DND Cancel
	033	Call Forward All Call Set from Destination
	034	Call Forward All Call Cancel from Destination
	035	Station Outgoing Lockout Set
	036	Station Outgoing Lockout Cancel
	037	Change Password
	038	Reset Password from Attendant
	039	Fax Status Indication (Tie/DID lines)
	040	Log - ON/OFF (Series 200 or higher)
	041	Account Code Entry (Series 300 or higher)
67	042	Call Pickup Direct
	043	Not Used

Default Dial No.	Function No.	Function Name
	044	Timed Alarm Set at SLTs
	045	Timed Alarm Cancel at SLTs
	046	Set and Cancel of Timed Alarm for Single Line Telephone from Attendant
4*	047	Call Park System Transfer
4#	048	Call Park System Answer
60	049	Volume/LCD Control
	050	Specified Tenant on CO/PBX/Centrex Line Seizure (1-digit)
	051	Specified Tenant on CO/PBX/Centrex Line Seizure (2-digit)
	052	Call Pickup CO/PBX by Tenant (1-digit)
	053	Call Pickup CO/PBX/Centrex by Tenant (2-digit)
	054	Specified Tenant Internal Paging (1-digit)
	055	Specified Tenant Internal Paging (2-digit)
	056	Internal Emergency All Call Paging
68	057	Intra-Tenant Call Pickup
69	058	Night Chime Call Pickup
	059	Not Used
	060	Call Pickup CO/PBX for other Tenants
	061	Internal/CO/PBX Transfer Call Pickup in Same Tenant
	062	SLT Park to Non-Exclusive Hold
	063	Specified CO/PBX/Centrex Line Seizure (1-digit)
	064	Specified CO/PBX/Centrex Line Seizure (2-digit)
	065	Not Used
6*	066	Call Pickup CO/PBX in Same Tenant
	067	Call Pickup (Tie only) in Same Tenant
	068	Call Pickup (PBX only) in Same Tenant
	069	Call Pickup (CO only) in Same Tenant

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 46 (Continued)**

Note: This table applies to Data Numbers 46, 47 and 48.

Default Dial No.	Function No.	Function Name	Default Dial No.	Function No.	Function Name
51	070	All Internal Zone Paging	70	103	Trunk Group 03
52	071	Internal Zone A Paging	71	104	Trunk Group 04
53	072	Internal Zone B Paging	72	105	Trunk Group 05
54	073	Internal Zone C Paging	73	106	Trunk Group 06
5*	074	Internal/External Meet-Me	74	107	Trunk Group 07
55	075	All External Zone Paging	75	108	Trunk Group 08
56	076	External Zone A Paging			
57	077	External Zone B Paging		132	Trunk Group 32
58	078	External Zone C Paging		133	Not Used
5#	079	External Meet-Me			
	080	Outgoing (CO only) Access in Same Tenant		139	Not Used
59	081	All Internal/External Zone Paging	45	140	Call Forward Busy / No Answer Set for Call Arrival Key (Series 250 or higher)
	082	System I.D. Number for Tie Line Networking	46	141	Call Forward Busy / No Answer Cancel for Call Arrival Key (Series 250 or higher)
	083	Not Used	47	142	Call Forward All Call Set for Call Arrival Key (Series 250 or higher)
	084		48	143	Call Forward All Call Cancel for Call Arrival Key (Series 250 or higher)
	085	Not Used		146	Forced Account Code Programming (Series 600 or higher)
	086	Tie Line Seizure in Same Tenant		147	Forced Account Code Access (Series 600 or higher)
	087	PBX Line Seizure in Same Tenant		159	Not Used
78	088	Trunk Queuing Set			
79	089	Trunk Queuing Cancel		175	Not Used
76	090	Station Speed Dial Programming (Single Line Telephone)	0	176	Specified Station Access Code 00
77	095	Station Speed Dial Call		177	Specified Station Access Code 01
*	096	Last Number Redial		178	Specified Station Access Code 02
	097	Not Used		179	Specified Station Access Code 03
	098	DSS 1 CALL		180	Specified Station Access Code 04
	099	DSS 2 CALL		181	Specified Station Access Code 05
	100	Not Used			
9	101	Trunk Group 01			
8	102	Trunk Group 02			

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 46 (Continued)**

Note: This table applies to Data Numbers 46, 47 and 48.

Default Dial No.	Function No.	Function Name
	182	Specified Station Access Code
	183	Specified Station Access Code
	184	Specified Station Access Code
	185	Specified Station Access Code
	186	Specified Station Access Code
	187	Specified Station Access Code
	188	Specified Station Access Code
	189	Specified Station Access Code
	190	Specified Station Access Code
	191	Specified Station Access Code
	192	Specified Station Access Code
	193	Specified Station Access Code
	194	Specified Station Access Code
	195	Specified Station Access Code
	196	Specified Station Access Code
	197	Specified Station Access Code
	198	Specified Station Access Code
	199	Specified Station Access Code
	200	Not Used
	201	Route Advance Block 01
	/	/
	216	Route Advance Block 16
	217	Not Used
	/	/
	250	Not Used
	251	DISA Password Set (Any station)
	252	DISA Password Reset (Attendant only)
	253	DISA Password Confirmation (Attendant only)

Default Dial No.	Function No.	Function Name
	254	Not Used
	255	Not Used
	301	Third Digit Table Number 01 (2-digit Numbering Plan can only be entered.)
	/	/
	304	Third Digit Table Number 04 (2-digit Numbering Plan can only be entered.)
	401	Closed Number Block 01
	/	/
	416	Closed Number Block 16
	501	VRS Voice Message Record/Verify/Erase (Voice Prompt, Automated Attendant)
	502	Voice Mail Message Set
	503	Voice Mail Message Cancel

Note: For Series 100 software, these Default Dial Numbers have the following settings:

Default Dial No.	Function No.	Function Name
	45	000 Not Used
	46	000 Not Used
	47	033 Call Forward All Call Set from Destination
	48	034 Call Forward All Call Cancel from Destination

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 47**

M.B. 1-1-47 Access Code (2-Digit) Assignment
Assign 2-digit dial numbers (0~9, *, #) as Access Codes for system functions.

M.B.	1-1-47
Function	Access Code (2-Digit) Assignment
Default	Refer to <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> , Chapter 2 (Programming).
Selections	Refer to the function table listed in Memory Block 1-1-46 at the beginning of this section.
New Entry	Refer to table below.

Enter the Function No. and Name for the assigned Dial No.

Dial No.	Function No.	Function Name	Dial No.	Function No.	Function Name
00			19		
01			1*		
02			1#		
03			20		
04			21		
05			22		
06			23		
07			24		
08			25		
09			26		
0*			27		
0#			28		
10			29		
11			2*		
12			2#		
13			30		
14			31		
15			32		*
16			33		
17			34		
18			35		

Continued on next page.

(1) System Mode (LK 1)
 CO Line (LK 1)
 No. 47 (Continued)

Dial No.	Function No.	Function Name	Dial No.	Function No.	Function Name
36			59		
37			5*		
38			5#		
39			60		
3*			61		
3#			62		
40			63		
41			64		
42			65		
43			66		
44			67		
45			68		
46			69		
47			6*		
48			6#		
49			70		
4*			71		
4#			72		
50			73		
51			74		
52			75		
53			76		
54			77		
55			78		
56			79		
57			7*		
58			7#		

Continued on next page.

System Mode (LK 1)
CO Line (LK 1)
No. 47 (Continued)

Dial No.	Function No.	Function Name	Dial No.	Function No.	Function Name
80			*0		
81			*1		
82			*2		
83			*3		
84			*4		
85			*5		
86			*6		
87			*7		
88			*8		
89			*9		
8*			**		
8#			*#		
90			#0		
91			#1		
92			#2		
93			#3		
94			#4		
95			#5		
96			#6		
97			#7		
98			#8		
99			#9		
9*			#*		
9#			#		

**System Mode (LK 1)
CO Line (LK 1)
No. 48**

M.B. 1-1-48 Access Code (3-Digit) Assignment

Assign 3-digit dial numbers (0~9, *, #) as Access Codes for system functions.

M.B.	1-1-48
Function	Access Code (3-Digit) Assignment
Default	All Dial 000 (Not Used)
Selections	Refer to the function table listed in Memory Block 1-1-46 at the beginning of this section.
New Entry	Refer to table below.

Enter the Function No. and Name that correspond to the assigned Dial No. for each table.

Table No.	Dial No.	Function No.	Function Name	Table No.	Dial No.	Function No.	Function Name
01	0			03	0		
	1				1		
	2				2		
	3				3		
	4				4		
	5				5		
	6				6		
	7				7		
	8				8		
	9				9		
	*				*		
#			#				
02	0			04	0		
	1				1		
	2				2		
	3				3		
	4				4		
	5				5		
	6				6		
	7				7		
	8				8		
	9				9		
	*				*		
#			#				

**System Mode (LK 1)
CO Line (LK 1)
No. 49 and 50**

- M.B. 1-1-49 Networking Trunk Group/Route Advance Assignment**
Assign the number of the Trunk Group to be used when connecting a Level II or Level II Advanced system to another system or to CO/PBX/CTX lines.
- M.B. 1-1-50 CO/PBX Outgoing Digit Add Assignment**
Allow an additional 10 digits (maximum) to be specified when a Trunk within the Trunk Group or Route Advance Block is seized and a number is dialed.

M.B.	1-1-49	1-1-50
Function	Networking Trunk Group/Route Advance Assignment	CO/PBX Outgoing Digit Add Assignment
Default	Not Specified	Not Specified
Selections	Refer to table below.	Enter up to 10 digits.
New Entry	Refer to table below.	Refer to table below.

M.B. 1-1-49

Closed Number Block	Trunk Group (1~32) or Route Advance Block (1~16)
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	

M.B. 1-1-50

Closed Number Block	Maximum of 10 Digits
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	

**System Mode (LK 1)
CO Line (LK 1)
No. 51 and 52**

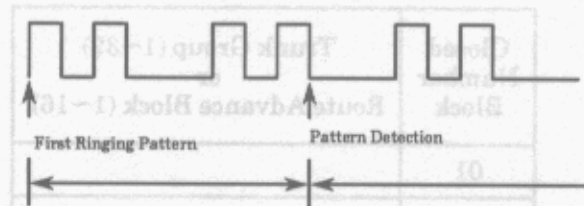
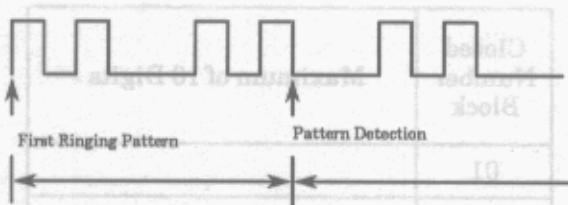
M.B. 1-1-51 CO Line First Ringing Pattern Selection
Specify the ringing pattern for incoming calls on a CO Line.

M.B. 1-1-52 PBX Line First Ringing Pattern Selection
Specify the ringing pattern for incoming calls on a PBX Line.

M.B.	1-1-51	1-1-52
Function	CO Line First Ringing Pattern Selection	PBX Line First Ringing Pattern Selection
Default	Ring Pattern A	Ring Pattern B
Selections	<u>Ring Pattern</u> A B C D E F G H NIL	<u>Ring Pattern</u> A B C D E F G H NIL
New Entry	Refer to table below.	Refer to table below.

M.B. 1-1-51

M.B. 1-1-52



Ringing Pattern specified in this Memory Block.

Ringing Pattern specified in this Memory Block.

Ring patterns are as follows:

Ring patterns are as follows:

s = second(s)

s = second(s)

Pattern	0s	1s	2s	3s	4s	5s	6s
A	[Waveform: High pulse]						
B	[Waveform: High pulse]						
C	[Waveform: High pulse]						
D	[Waveform: High frequency square wave]						
E	[Waveform: High pulse]						
F	[Waveform: High pulse]						
G	[Waveform: High pulse]						
H	[Waveform: High pulse]						
Nil	No Ring						

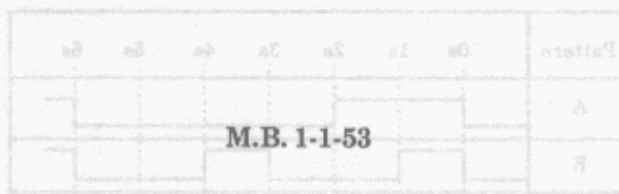
Pattern	0s	1s	2s	3s	4s	5s	6s
A	[Waveform: High pulse]						
B	[Waveform: High pulse]						
C	[Waveform: High pulse]						
D	[Waveform: High frequency square wave]						
E	[Waveform: High pulse]						
F	[Waveform: High pulse]						
G	[Waveform: High pulse]						
H	[Waveform: High pulse]						
Nil	No Ring						

**System Mode (LK 1)
CO Line (LK 1)
No. 53 and 54**

M.B. 1-1-53 Tie/DID Line Delay Ring Pattern Selection
Specify the ringing pattern for incoming calls on a Tie line after the Tie/DID Line Delay Ringing timeout.

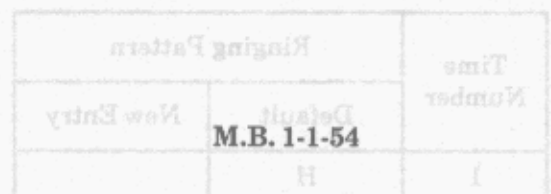
M.B. 1-1-54 Automated Attendant Transfer Ring Pattern
Specify the ringing pattern for incoming calls received at an Automated Attendant and transferred to a Multiline Terminal or a Single Line Telephone.

M.B.	1-1-53	1-1-54
Function	Tie/DID Line Delay Ring Pattern Selection	Automated Attendant Transfer Ring Pattern
Default	Ring Pattern D	Ring Pattern C
Selections	<u>Ring Pattern</u> A B C D E F G H NIL	<u>Ring Pattern</u> A B C D E F G H NIL
New Entry		



Ring patterns are as follows: s = second(s)

Pattern	0s	1s	2s	3s	4s	5s	6s
A	[High]						[Low]
B	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
C	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
D	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
E	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
F	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
G	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
H	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
Nil	No Ring						



Ring patterns are as follows: s = second(s)

Pattern	0s	1s	2s	3s	4s	5s	6s
A	[High]						[Low]
B	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
C	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
D	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
E	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
F	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
G	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
H	[High]	[Low]	[High]	[Low]	[High]	[Low]	[High]
Nil	No Ring						

**System Mode (LK 1)
CO Line (LK 1)
No. 56**

M.B. 1-1-56

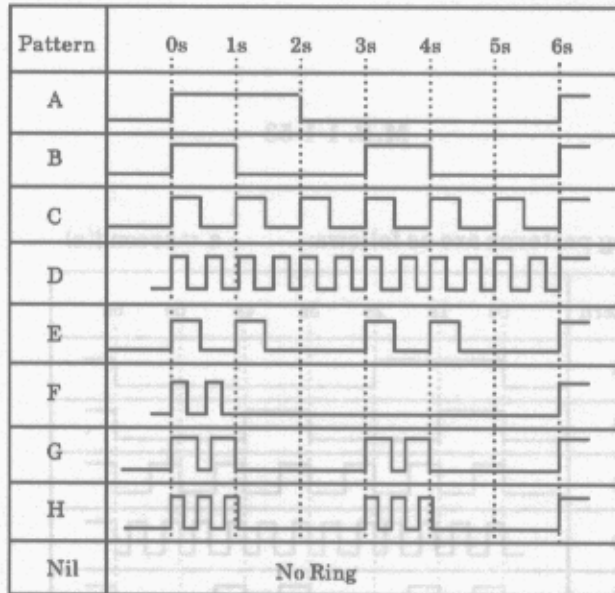
CO/PBX Ringing Pattern Selection

Specify the continuous ringing pattern for incoming calls on a CO/PBX line.

M.B.	1-1-56																				
Function	CO/PBX Ringing Pattern Selection																				
Default	Refer to table below.																				
Selections	<table border="0"> <tr> <td colspan="3"></td> <td align="center" colspan="5"><u>Ringing Pattern</u></td> <td colspan="2"></td> </tr> <tr> <td align="center">A</td> <td align="center">B</td> <td align="center">C</td> <td align="center">D</td> <td align="center">E</td> <td align="center">F</td> <td align="center">G</td> <td align="center">H</td> <td align="center">NIL</td> <td></td> </tr> </table>				<u>Ringing Pattern</u>							A	B	C	D	E	F	G	H	NIL	
			<u>Ringing Pattern</u>																		
A	B	C	D	E	F	G	H	NIL													
New Entry	Refer to table below.																				

s = second(s)

Time Number	Ringing Pattern	
	Default	New Entry
1	H	
2	G	
3	E	
4	E	
5	B	
6	A	
7	A	



**System Mode (LK 1)
CO Line (LK 1)
No. 57 and 59**

M.B. 1-1-57 CO/PBX Prepause Timer Selection
Specify the pause time before dialed digits are sent over a CO/PBX line.

M.B. 1-1-59 Synchronous Ringing Selection
Specify whether or not CO/PBX calls follow Synchronous Ringing.

M.B.	1-1-57	1-1-59
Function	CO/PBX Prepause Timer Selection	Synchronous Ringing Selection
Default	1 sec.	Yes
Selections	<u>Expressed in seconds</u>	Yes No
	None 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	
New Entry		

Setting Data	Dial Code	Matching Table
911	00	00
0	00	11
976	00	12
0081	00	13
8881	01	
X1	00	14
X	00	15

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 60**

M.B. 1-1-60

8-Digit Matching Table Assignment

Assign dialing data (maximum of eight digits) to match for each Matching Table and Dial Code.

M.B.	1-1-60
Function	8-Digit Matching Table Assignment
Default	Refer to table below. Note: Matching Tables 01~10 are empty until programmed.
Selections	0~9, *, # (maximum of eight digits)
New Entry	Refer to tables on next page.

Default

Matching Table	Dial Code	Setting Data
00	00	911
11	00	0
12	00	976
13	00 01	1800 1888
14	00	1X
15	00	X

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 60 (Continued)**

Matching Table 00	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 01	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 02	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 03	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Continued on next page

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 60 (Continued)**

Matching Table 04	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 05	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 06	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 07	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

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**System Mode (LK 1)
CO Line (LK 1)
No. 60 (Continued)**

Matching Table 08	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 09	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	56
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 10	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 11	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	70
07	80
08	90
09	01
10	11
11	21 *
12	31
13	41
14	51
15	

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 60 (Continued)**

Matching Table 12	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 13	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 14	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

Matching Table 15	
Dial Code	Setting Data
00	00
01	10
02	20
03	30
04	40
05	50
06	60
07	70
08	80
09	90
10	01
11	11
12	21
13	31
14	41
15	51

3204 1234 no hauritno

**System Mode (LK 1)
CO Line (LK 1)
No. 61**

M.B. 1-1-61

8-Digit Matching Table to Class Assignment

Specify whether to allow or deny each 8-Digit Matching Table on a per-class basis.

Enter the applicable data in each column.

M.B.	1-1-61	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
Function	8-Digit Matching Table to Class Assignment																
Default	Refer to table below.																
Selections	Yes (Allow) No (Deny) Non (Not Assigned)																
New Entry	Refer to table on next page.																

8-Digit Matching Table No.	Default
00	Class 01~14 = Allow
01~10	Class 01~14 = Not Assigned
11	Class 01~03 = Deny Class 04~14 = Not Assigned
12	Class 01~02 = Not Assigned Class 03 = Deny Class 04~14 = Not Assigned
13	Class 01 = Not Assigned Class 02~04 = Allow Class 05~14 = Not Assigned
14~15	Class 01~04 = Deny Class 05~14 = Not Assigned

Continued on next page.

**System Mode (LK 1)
CO Line (LK 1)
No. 61 (Continued)**

Specify whether to allow or deny each 8-Digit Matching Table on a per-class basis.
M.B. 1-1-41

Enter the applicable data in each column.

Class No.	8-Digit Matching Table No.															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																

Class 01-04 = Deny
 Class 02-14 = Not Assigned
 Class 03-04 = Allow
 Class 05-14 = Not Assigned
 Class 01-04 = Deny
 Class 02-14 = Not Assigned

**System Mode (LK 1)
CO Line (LK 1)
No. 62, 63, and 64**

- M.B. 1-1-62** **System Speed Dial Override by Class Selection**
Specify whether or not System Speed Dial is Restricted for each class.
- M.B. 1-1-63** **Hold Recall Time Selection (Exclusive)**
Specify the time for Exclusive Hold Recall tone.
- M.B. 1-1-64** **Attendant Add-On Console Transfer/Camp-On Recall Timer Selection**
Specify number of minutes to recall an unanswered Ring Transfer or Camp-On call from a station with an Attendant Add-On Console to the originating station.

M.B.	1-1-62
Function	System Speed Dial Override by Class Selection
Default	Class 01~14 = Yes (Override)
Selections	Yes (Override) No (No Override)
New Entry	Refer to table below.

Enter the applicable data for each Class.

M.B. 1-1-62

	Class													
	01	02	03	04	05	06	07	08	09	10	11	12	13	14
New Entry														

M.B.	1-1-63	1-1-64
Function	Hold Recall Time Selection (Exclusive)	Attendant Add-On Console Transfer/Camp-On Recall Timer Selection
Default	1 min.	1 min.
Selections	<u>Expressed in minutes</u> 0.5 1 1.5 2 3 5 8 No Limit	<u>Expressed in minutes</u> 0.5 1 1.5 2 3 5 8 10
New Entry		

**System Mode (LK 1)
CO Line (LK 1)
No. 65 and 66**

M.B. 1-1-65 **Class Allow/Deny Selection**
Assign Code Restriction Classes as allow or deny.

M.B. 1-1-66 **8-Digit Matching Table to Normal Dial Assignment**
Specify whether or not to allow normal dialing of outgoing OCC calls without using an OCC Access Code.

M.B.	1-1-65														
Function	Class Allow/Deny Selection														
Default	Class	0 1	0 2	0 3	0 4	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4
	Data	A	A	A	A	D	D	D	D	D	D	D	D	D	D
Selections	Allow (A) Deny (D)														
New Entry	Class	0 1	0 2	0 3	0 4	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4
	Data														

M.B.	1-1-66																
Function	8-Digit Matching Table to Normal Dial Assignment																
Default	Table	0 0	0 1	0 2	0 3	0 4	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4	1 5
	Data	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	N
Selections	Refer to table below.																
New Entry	Table	0 0	0 1	0 2	0 3	0 4	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4	1 5
	Data																

M.B. 1-1-66 - Selections

Data	Definition
CO LED Off (Unused)	OCC Calls Only
CO LED On (Used)	Non-OCC and OCC Calls

**System Mode (LK 1)
CO Line (LK 1)
No. 67**

M.B. 1-1-67

OCC Table Assignment
Assign OCC Codes (Maximum of 8 digits)

M.B. 1-1-68

M.B.	1-1-67
Function	OCC Table Assignment
Default	OCC Table 01~15: Blank OCC Table 16: 10XXX
Selections	0~9, *, #, X, P, N
New Entry	Refer to table below.

M.B.	1-1-68
Function	8-Digit Matching Table to OCC Table Assignment
Default	OCC Table 01~15: All 8-Digit Matching Tables OCC Table 16: 8-Digit Matching Tables 00~14
Selections	COLED OFF = Unused (OCC Calls Only) COLED ON = Used (Non-OCC and OCC Calls)
New Entry	Refer to table below.

Enter up to eight digits as an OCC Code for each OCC Table.

Enter the applicable data below.

OCC Table	OCC Code (Maximum 8 digits)								OCC Table No.
01									01
02									02
03									03
04									04
05									05
06									06
08									08
09									09
10									10
11									11
12									12
13									13
14									14
15									15
16									16

**System Mode (LK 1)
CO Line (LK 1)
No. 68**

M.B. 1-1-68

8-Digit Matching Table to OCC Table Assignment
Assign each 8-Digit Matching Table to each OCC Code Table.

M.B. 1-1-67

M.B.	1-1-68
Function	8-Digit Matching Table to OCC Table Assignment
Default	OCC Table 01~15: All 8-Digit Matching Tables Not Used OCC Table 16: 8-Digit Matching Tables 00~14 Not Used 8-Digit Matching Table 15 Used
Selections	CO LED OFF = Unused (OCC Calls Only) CO LED ON = Used (Non-OCC and OCC Calls)
New Entry	Refer to table below.

Enter the applicable data below.

Enter up to eight digits as an OCC Code for each OCC Table.

OCC Table No.	8-Digit Matching Table No.															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																
15																
16																

**System Mode (LK 1)
CO Line (LK 1)
No. 69, 70, 71, and 72**

- M.B. 1-1-69** **Tie Line Code Restriction Assignment**
Assign whether or not to use code restriction for outgoing Tie line calls.
- M.B. 1-1-70** **Code Restriction Class Assignment When Lockout is Set**
Assign a restriction class when station lockout or Attendant station lockout is set.
- M.B. 1-1-71** **First Delay Announcement Start Time Selection**
Specify the time between receiving a CO call and sending the First Delay Announcement to the caller.
- M.B. 1-1-72** **First Delay Announcement Repeat Selection**
Specify the number of times to repeat the First Delay Announcement.

M.B.	1-1-69	1-1-70
Function	Tie Line Code Restriction Assignment	Code Restriction Class Assignment When Lockout is Set
Default	Yes (Restriction)	Class 15
Selections	No (No Restriction) Yes (Restriction)	Class 00~Class 15
New Entry		

M.B.	1-1-71	1-1-72
Function	First Delay Announcement Start Time Selection	First Delay Announcement Repeat Selection
Default	20 sec.	One Time
Selections	<u>Expressed in seconds</u> 0 10 20 30 40 50 60	One time, Two times, Three times, Four times, Five times, Six times, Seven times, Eight times
New Entry		

**System Mode (LK 1)
CO Line (LK 1)
No. 73, 74, 75, and 76**

- M.B. 1-1-73** **First to Second Delay Announcement Interval Time Selection**
Specify the interval between the final time the First Delay Announcement is sent and the Second Delay Announcement is started.
- M.B. 1-1-74** **Second Delay Announcement Repeat Selection**
Specify the number of times to repeat the Second Delay Announcement.
- M.B. 1-1-75** **Second Delay Announcement Repeat Interval Time Selection**
Specify the interval to repeat the Second Delay Announcement.
- M.B. 1-1-76** **Barge-In Alert Tone Assignment**
Specify whether Barge-In Alert Tone is allowed or denied on a system-wide basis.

M.B.	1-1-73	1-1-74
Function	First to Second Delay Announcement Interval Time Selection	Second Delay Announcement Repeat Selection
Default	20 sec.	One Time
Selections	<u>Expressed in seconds</u> 0 10 20 30 40 50 60 No Limit	One time, Two times, Three times, Four times, Five times, Six times, Seven times, Eight times
New Entry		
M.B.	1-1-75	1-1-76
Function	Second Delay Announcement Repeat Interval Time Selection	Barge-In Alert Tone Assignment
Default	20 sec.	Yes
Selections	<u>Expressed in seconds</u> 0 10 20 30 40 50 60 No Limit	Yes No
New Entry		

**System Mode (LK 1)
CO Line (LK 1)
No. 77, 78, and 79**

- M.B. 1-1-77 Delayed Ringing Timer Assignment (CO)**
Assign Delayed Ringing Timer for outside line calls on a system-wide basis.
- M.B. 1-1-78 Caller ID Display Assignment for System Mode**
Assign a maximum of two Multiline Terminals to display Caller ID Indication for normal incoming CO/PBX calls or CO/PBX calls ringing on a Call Arrival (CAR) key.
- M.B. 1-1-79 BGM Port Assignment.**
Assigns background music to callers on hold.

M.B.	1-1-77	1-1-78	
Function	Delayed Ringing Timer Assignment (CO)	Caller ID Display Assignment for System Mode	
Default	15 sec.	Not Specified	
Selections	<u>Expressed in seconds</u> 5 10 15 20 30 40 50 60	01 ~ 96 Tel port	
New Entry		First Entry	Second Entry

M.B.	1-1-79
Function	BGM Port Assignment
Default	No Assignment
Selections	CO Port 01 ~ 64
New Entry	

System Mode (LR 1)
CO Line (LR 1)
No. 77, 78, and 79

- M.B. 1-1-77 Delayed Ringing Timer Assignment (CO)
Assign Delayed Ringing Timer for outside line calls on a system-wide basis
- M.B. 1-1-78 Caller ID Display Assignment for System Mode
Assign a maximum of two Multiline Terminals to display Caller ID Indication for normal incoming CO/BX calls or CO/BX calls ringing on a Call Arrival (CAR) key
- M.B. 1-1-79 BGM Port Assignment
Assign background music to callers on hold

M.B.	1-1-77	1-1-78
Function	Delayed Ringing Timer Assignment (CO)	Caller ID Display Assignment for System Mode
Default	15 sec	Not Specified
Selections	Expressed in seconds 5 10 15 20 30 40 50 60 80	01 - 96 Tel port
New Entry	THIS PAGE INTENTIONALLY LEFT BLANK	
Second Entry		

M.B.	1-1-78
Function	BGM Port Assignment
Default	No Assignment
Selections	CO Port 01 - 84
New Entry	

**(System Mode (LK 1)
ICM (LK 2)
No. 00, 01, 02, 03, 04, and 08**

- M.B. 1-2-00 **Internal Paging Timeout Selection**
Specify the time allowed for paging.
- M.B. 1-2-01 **Intercom Call Voice/Tone Signal Selection**
Specify signal tone or voice for an intercom call.
- M.B. 1-2-02 **Automatic Callback Release Timer Selection**
Time duration before Automatic Callback is automatically canceled.
- M.B. 1-2-03 **2-, 3-, or 4-Digit Station Number Selection**
Specify either 2-digit, 3-digit or 4-digit station number.
- M.B. 1-2-04 **Call Arrival Key Block Assignment**
Specify the number of Call Arrival Keys (CARs) to be assigned in the system.
- M.B. 1-2-08 **Specified Station Access Code Assignment**
Set specific station numbers (maximum of 24 stations) to be called using abbreviated dialing.

M.B.	1-2-00	1-2-01
Function	Internal Paging Timeout Selection	Intercom Call Voice/Tone Signal Selection
Default	90 sec.	Voice
Selections	<u>Expressed in seconds</u> 90 120 No Limit	Voice Tone
New Entry		

M.B.	1-2-02	1-2-03
Function	Automatic Callback Release Timer Selection	2-, 3-, or 4-Digit Station Number Selection
Default	30 min.	3-digit
Selections	<u>Expressed in minutes</u> 5 10 20 30	2-digit 3-digit 4-digit
New Entry		

M.B.	1-2-04	1-2-08
Function	Call Arrival Key Block Assignment	Specified Station Access Code Assignment
Default	All Call Arrival Keys = Not Assigned	Specified Station 00: 01 Specified Station 01~23: Not Set
Selections	CAR 01~08, 09~16, 17~24, 25~32, 33~40, 41~48, 49~56, 57~64, 65~72, 73~80, 81~88	Tel Port No.: 01~96
New Entry		

**System Mode (LK 1)
ICM (LK 2)**

No. 09~18, 00, 01, and 08

M.B. 1-2-09~1-2-18

Absence Message 1~10 Assignment
Specify messages that can be displayed.

M.B.	1-2-09~1-2-18
Function	Absence Message 1~10 Assignment
Default	Refer to table below.
Selections	Up to 13 characters.
New Entry	Refer to table below.

Enter up to 13 characters for customized absence messages.

Data No.	Default Message	Absence Message
09	DND	
10	MEETING	
11	BUSINESS TRIP	
12	NOT IN	
13	WITH GUEST	
14	OUT OF OFFICE	
15	Not Specified	
16	Not Specified	
17	Not Specified	
18	Not Specified	

M.B.	Function	Selections	New Entry
1-2-08	Specified Station Access Code Assignment		
1-2-04	Call Arrival Key Block Assignment		
01	All Call Arrival Keys = Not Assigned		
01-28	Call Arrival Key Block Assignment	Call Arrival Key Block Assignment	

**System Mode (LK 1)
ICM (LK 2)
No. 19 and 20**

M.B. 1-2-19 Intercom Ring Pattern Selection
Specify ring pattern for ICM calls. See following description of ring patterns.

M.B. 1-2-20 Intercom Ring Tone Selection
Specify ring tone frequency.

M.B.	1-2-19	1-2-20
Function	Intercom Ring Pattern Selection	Intercom Ring Tone Selection
Default	Pattern B	Tone A
Selections	Refer to table below.	Refer to table below.
New Entry		

Selections - M.B. 1-2-19

s = second(s)

Pattern Type	Line Key	0s	1s	2s	3s	4s	5s	6s
OFF	LK 1	[Timing diagram showing a low signal level]						
ON	LK 2	[Timing diagram showing a high signal level]						
A	LK 3	[Timing diagram showing a pulse at 0s]						
B	LK 4	[Timing diagram showing a pulse at 1s]						
C	LK 5	[Timing diagram showing a pulse at 2s]						
D	LK 6	[Timing diagram showing a pulse at 3s]						
E	LK 7	[Timing diagram showing a pulse at 4s]						
F	LK 8	[Timing diagram showing a pulse at 5s]						
G	LK 1 (Page 2)	[Timing diagram showing a pulse at 6s]						
H	LK 2 (Page 2)	[Timing diagram showing a pulse at 7s]						

Selections - M.B. 1-2-20

LK	Tone	Description
1	A	(480/606): Modulation (16 Hz)
2	B	(480/606): Modulation (8 Hz)
3	C	(1024/1285)
4	D	(1024)
5	E	(500)
6	F	(1024/1285): Modulation (16 Hz)
7	G	(600/700): Modulation (16 Hz)
8	H	(1024): Envelope 2 sec.

**(System Mode (LK 1)
ICM (LK 2)
No. 22 and 23**

M.B. 1-2-22 Call Forward No Answer Timer Selection
Specify the time before unanswered intercom or Trunk calls are forwarded to another station.

M.B. 1-2-23 System Call Park Recall Time Selection
Time before a parked call recalls to the station that parked the call.

M.B.	1-2-22	1-2-23
Function	Call Forward No Answer Timer Selection	System Call Park Recall Time Selection
Default	8 sec.	1 min.
Selections	<u>Expressed in seconds</u> 8 12 18 24 30 60	<u>Expressed in minutes</u> .5 1 1.5 2 3 5 8 10
New Entry		

Description	Tone	LK
(480/600) Modulation (18 Hz)	A	1
(480/800) Modulation (8 Hz)	B	2
(1024/1288)	C	3
(1024)	D	4
(600)	E	5
(1024/1288) Modulation (18 Hz)	F	6
(600/700) Modulation (18 Hz)	G	7
(1024) Envelope 2 sec	H	8



**(System Mode (LK 1)
ICM (LK 2)
No. 24)**

M.B. 1-2-24 Intercom Feature Access Code Assignment
Specify the Access Code for each Intercom Feature.

M.B.	1-2-24
Function	Intercom Feature Access Code Assignment
Default	Dial No. 0 = 004 Automatic Callback
	1 = 001 Voice/Tone Switching
	2 = 002 Step Call
	3~5 = 000 Not Used
	6 = 006 Voice Over Originate (Series 400 or higher)
	7 = 007 Quick Transfer to Voice Mail (Series 500 or higher)
	8~9 = 000 Not Used
	* = 003 Tone Override
# = 005 Callback Request	
Selections	Setting Data 000 = Not Used 001 = Voice/Tone Switching 002 = Step Call 003 = Tone Override 004 = Automatic Callback 005 = Callback Request 006 = Voice Over Originate (Series 400 or higher) 007 = Quick Transfer to Voice Mail (Series 500 or higher)
New Entry	Refer to table below.

Enter the Setting Data number and Feature name that correspond to the assigned Dial No.

Dial No.	Setting Data	Feature
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

**System Mode (LK 1)
ICM (LK 2)
No. 25, 26**

M.B. 1-2-25 Internal Paging Alert Tone Selection
Specify whether or not a call alert tone is provided during Internal Paging.

M.B. 1-2-26 Delayed Ringing Timer Assignment (ICM)
Assign Delayed Ringing Timer for incoming internal calls on a system-wide basis.

M.B.	1-2-25	1-2-26
Function	Internal Paging Alert Tone Selection	Delayed Ringing Timer Assignment (ICM)
Default	Tone Yes	10 sec.
Selections	Tone Yes Tone No	00 ~ 99
New Entry		

Enter the Setting Data number and Feature name that correspond to the assigned Dial No.

Dial No.	Setting Data	Feature
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		

**(System Mode (LK 1)
SLT (LK 3)
No. 01, 02, 03, and 04**

M.B. 1-3-01 Bounce Protect Time Selection
Specify the time before a valid hookflash is detected from a Single Line Telephone or Voice Mail system.

M.B. 1-3-02 SLT Hookflash Signal Selection
Specify whether a line is held internally, or if behind a PBX, a hookflash signal is sent to the CO/PBX line when an SLT user performs a hookflash.

M.B. 1-3-03 First Digit PBR Release Timer Selection
Specify the time during which a receiver is connected when a DTMF Single Line Telephone user is dialing.

M.B. 1-3-04 Dial 1 (DP) Hookflash Selection
Specify whether or not dialing 1 during an intercom call or a CO/PBX call on a DP Single Line Telephone sends a hookflash signal.

M.B.	1-3-01	1-3-02
Function	Bounce Protect Time Selection	SLT Hookflash Signal Selection
Default	300 ms.	HOLD
Selections	<u>Expressed in milliseconds</u> 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500	HOLD FLASH
New Entry		

M.B.	1-3-03	1-3-04
Function	First Digit PBR Release Timer Selection	Dial 1 (DP) Hookflash Selection
Default	10 sec.	Yes
Selections	<u>Expressed in seconds</u> 10 20 30 40 50 60	Yes No
New Entry		

**(System Mode (LK 1)
SLT (LK 3)
No. 05 and 06**

M.B. 1-3-05 Hookflash Start Time Selection
Specify a minimum hookflash duration for a Single Line Telephone to receive a second dial tone.

M.B. 1-3-06 Hookflash End Time Selection
Specify a maximum hookflash duration for a Single Line Telephone to receive a second dial tone.

M.B.	1-3-05							
Function	Hookflash Start Time Selection							
Default	300 ms.							
Selections	<u>Expressed in milliseconds</u>							
	100	150	200	250	300	350	400	450
	500	550	600	650	700	750	800	850
New Entry								

M.B.	1-3-06							
Function	Hookflash End Time Selection							
Default	HST + 700 ms.							
Selections	<u>Expressed in milliseconds</u> (HST = Hookflash Start Time)							
	HST + 0	HST + 100	HST + 200	HST + 300	HST + 400	HST + 500	HST + 600	HST + 700
	HST + 800	HST + 900	HST + 1000	HST + 1100	HST + 1200	HST + 1300	HST + 1400	HST + 1500
New Entry								

**System Mode (LK 1)
SLT (LK 3)
No. 07, 08, 09, and 10**

- M.B. 1-3-07 Voice Mail Digit Add Assignment**
Assign up to four digits in front of a station number that is sent to Voice Mail when a call has been forwarded.

- M.B. 1-3-08 Voice Mail DTMF Delay Timer Selection**
Specify the delay time before DTMF tones are sent to the VMI ports.

- M.B. 1-3-09 Voice Mail Disconnect Time Selection**
Specify the sending time of a disconnect signal that is sent to the connected equipment.

- M.B. 1-3-10 Voice Mail DTMF Duration/Interdigit Time Selection**
Specify the DTMF duration and interdigit times for Voice Mail.

M.B.	1-3-07	1-3-08
Function	Voice Mail Digit Add Assignment	Voice Mail DTMF Delay Timer Selection
Default	All Blank	1 sec.
Selections	0~9, *, # (4-digit maximum)	<u>Expressed in seconds</u> 0 1 2 3 4 5 6 8
New Entry		

M.B.	1-3-09	1-3-10
Function	Voice Mail Disconnect Time Selection	Voice Mail DTMF Duration/Interdigit Time Selection
Default	1.5 sec.	Duration Time: 100 ms. Interdigit Time: 70 ms.
Selections	<u>Expressed in seconds</u> 0.6 1.0 1.5 2.0 3.0 5.0	<u>Expressed in milliseconds</u> 70/60 100/70 400/100 600/100 900/200
New Entry		

System Mode (LK 1)
SLT (LK 2)
No. 07, 08, 09, and 10

- M.B. 1-3-07 Voice Mail Digit Add Assignment
Assign up to four digits in front of a station number that is sent to Voice Mail when a call has been forwarded.
- M.B. 1-3-08 Voice Mail DTMF Delay Timer Selection
Specify the delay time before DTMF tones are sent to the VMI ports.
- M.B. 1-3-09 Voice Mail Disconnect Time Selection
Specify the sending time of a disconnect signal that is sent to the connected equipment.
- M.B. 1-3-10 Voice Mail DTMF Duration/Interdigit Time Selection
Specify the DTMF duration and interdigit times for Voice Mail.

M.B.	Function	Default	Selections	New Entry
1-3-07	Voice Mail Digit Add Assignment	All Blank	0-9 * * (4 digit maximum)	
1-3-08	Voice Mail DTMF Delay Timer Selection	1 sec.	Expressed in seconds 1 2 3 4 5 6 8	

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M.B.	Function	Default	Selections	New Entry
1-3-09	Voice Mail Disconnect Time Selection	1.5 sec.	Expressed in seconds 0.5 1.0 1.5 2.0 3.0 5.0	
1-3-10	Voice Mail DTMF Duration/Interdigit Time Selection	Duration Time: 100 ms. Interdigit Time: 70 ms.	Expressed in milliseconds 7000 40000 80000	

**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 00, 01, 02, and 03**

- M.B. 1-4-00 Tandem Transfer Automatic Disconnect Timer Selection**
Specify a maximum time before automatic disconnect of a Trunk-to-Trunk transfer occurs.
- M.B. 1-4-01 Automated Attendant First Digit PBR Release Timer Selection**
Specify the PBR connection time to the Automated Attendant trunk to receive DTMF signal from the calling party before automatically disconnecting.
- M.B. 1-4-02 Automated Attendant Transfer Delayed Ringing Time Selection**
Specify the time for a No Answer at the transferred station before the Automated Attendant rings a predetermined station.
- M.B. 1-4-03 Automated Attendant No Answer Disconnect Time Selection**
Specify how long the Automated Attendant rings a station before dropping the call.

M.B.	1-4-00	1-4-01
Function	Tandem Transfer Automatic Disconnect Timer Selection	Automated Attendant First Digit PBR Release Timer Selection
Default	1 hr.	20 sec.
Selections	<u>Expressed in hours</u> 0.5 1 2 3	<u>Expressed in seconds</u> 10 20 30 40 50 60
New Entry		

M.B.	1-4-02	1-4-03
Function	Automated Attendant Transfer Delayed Ringing Time Selection	Automated Attendant No Answer Disconnect Time Selection
Default	No Limit	2 min.
Selections	<u>Expressed in seconds</u> 10 20 30 No Limit	<u>Expressed in minutes</u> 1 2 3 4
New Entry		

**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 04, 05, 08, and 09**

- M.B. 1-4-04 **Tandem Transfer SMDR Print Extension Assignment**
Specify special station numbers to be output from SMDR for a Trunk-to-Trunk transfer. (Stations are designated as 2-digit, 3-digit, or 4-digit numbers.)
- M.B. 1-4-05 **Automatic Tandem Trunk by Night Mode Selection**
Specify whether or not the automatic Trunk-to-Trunk transfer feature follows the Night Mode assignment.
- M.B. 1-4-08 **Automated Attendant PBR Timeout Response Selection**
Specify how a call answered by the Automated Attendant should be processed if a DTMF tone is not received.
- M.B. 1-4-09 **Automated Attendant PBR Start Time Selection**
The Automated Attendant automatically answers incoming calls. Assign the time when the PBR answers the trunk (at the same time the Automated Attendant is sending the message or after the message is completed).

M.B.	1-4-04	1-4-05	M.B.
Function	Tandem Transfer SMDR Print Extension Assignment	Automatic Tandem Trunk by Night Mode Selection	
Default	3-digit number = 999	No	
Selections	2-digit number (00~99) 3-digit number (000~999) 4-digit number (0000~9999)	No Yes	
New Entry			

M.B.	1-4-08	1-4-09
Function	Automated Attendant PBR Timeout Response Selection	Automated Attendant PBR Start Time Selection
Default	Normal Call	FR
Selections	Normal Call Release	FR = Same time as message AF = After message
New Entry		

**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 11**

M.B. 1-4-11 Automated Attendant Message Day/Night Mode Selection
Specify which Automated Attendant messages are available for Day/Night Mode setting.

M.B.	1-4-11
Function	Automated Attendant Message Day/Night Mode Selection
Default	No
Selections	Yes No
New Entry	Refer to table below.

Enter the applicable selection in each column for Day and Night modes.

Mode	Automated Attendant Message No.							
	1	2	3	4	5	6	7	8
Day								
Night								

**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 12**

M.B. 1-4-12 Automated Attendant Message to Tenant Assignment
Assign a specific tenant number to each Automated Attendant message. (More than one Automated Attendant message can be assigned to the same tenant.)

M.B.	1-4-12
Function	Automated Attendant Message to Tenant Assignment
Default	All Automated Attendant Messages assigned to Tenant No. 00
Selections	Automated Attendant No.: 1~8 Tenant No.: 00~47 (maximum of eight)
New Entry	Refer to table below.

M.B.	
Function	
Default	
Selections	
New Entry	Refer to table below.

Enter the Tenant No. assigned to each Automated Attendant Message No. in the applicable column below.

	Automated Attendant Message No.							
	1	2	3	4	5	6	7	8
Tenant No. (00~47)								

**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 14**

M.B. 1-4-14 Automated Attendant Message Access Code (1-Digit) Assignment
Route an incoming call to the Automated Attendant by prompting the caller to enter a 1-digit code.

M.B.	1-4-14	M.B.
Function	Automated Attendant Message Access Code (1-Digit) Assignment	Function
Default	Dial No. 0 = 030 Specified Station Call (0) 1 = 010 Station Number 2 = 010 Station Number 3 = 010 Station Number 4~9 = 000 Unregistered	Default
Selections	A.A. Messages 1~8 Function Code 000~053 Refer to <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> , Chapter 2 (Programming).	Selections
New Entry	Refer to table below.	New Entry

Automated Attendant Message No.

--	--	--	--	--	--	--	--	--

Enter the Function Code that corresponds to each Automated Attendant Message No. and Dial No.

Dial No.	Automated Attendant Message No.							
	1	2	3	4	5	6	7	8
0								
1								
2								
3								
4								
5								
6								
7								
8								
9								

**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 15**

M.B. 1-4-15 Automated Attendant Message Access Code (2-Digit) Assignment
Route an incoming call to the Automated Attendant by prompting the caller to enter a 2-digit code.

M.B.	1-4-15
Function	Automated Attendant Message Access Code (2-Digit) Assignment
Default	Refer to table below.
Selections	A.A. Messages 1~8 Function Code 000~053 Refer to <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> , Chapter 2 (Programming) [Memory Block 1-4-14] for the Function Code List.
New Entry	Refer to table below.

Default

Dial No.	Function Code	Contents
00~50	030	Specified Station Call (0)
51	011	Bypass Automated Attendant
52	015	Paging Zone A Call
53	016	Paging Zone B Call
54	017	Paging Zone C Call
55~73	000	Unused
74	000	Unused
75~99	000	Unused

Enter the Function Code that corresponds to each Automated Attendant Message No. and Dial No.

Dial No.	Automated Attendant Message No.							
	1	2	3	4	5	6	7	8
00								
01								
02								
03								
04								
05								
06								
07								
08								
09								

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System Mode (LK 1)
 Transfer/A.A. (LK 4)
 No. 15 (Continued)

Dial No.	Automated Attendant Message No.							
	1	2	3	4	5	6	7	8
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
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32								
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35								
36								
37								
38								
39								

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System Mode (LK 1)
 Transfer/A.A. (LK 4)
 No. 15 (Continued)

Dial No.	Automated Attendant Message No.							
	1	2	3	4	5	6	7	8
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
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59								
60								
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63								
64								
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66								
67							*	
68								
69								

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**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 15 (Continued)**

Dial No.	Automated Attendant Message No.							
	1	2	3	4	5	6	7	8
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
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96								
97								
98								
99								

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**System Mode (LK 1)
Transfer/A.A. (LK 4)
No. 16**

M.B. 1-4-16

Automated Attendant Message Repeat Selection

Specify the number of times a message from the Automated Attendant is repeated.

M.B.	1-4-16			
Function	Automated Attendant Message Repeat Selection			
Default	All Messages = One Time			
Selections	One Time Five Times	Two Times Six Times	Three Times Seven Times	Four Times Eight Times
New Entry	Refer to table below.			

Enter the number of times to repeat a message from the Automated Attendant.

**No. of
Times**

Automated Attendant Message No.							
1	2	3	4	5	6	7	8

System Mode (JK 1)
Transfer A.A. (JK 4)
No. 18

M.B. 1-4-18 Automated Attendant Message Repeat Selection
Specify the number of times a message from the Automated Attendant is repeated.

M.B.	1-4-18
Function	Automated Attendant Message Repeat Selection
Default	All Messages = One Time
Selections	One Time Two Times Three Times Four Times Five Times Six Times Seven Times Eight Times
New Entry	Refer to table below.

Enter the number of times to repeat a message from the Automated Attendant.

Automated Attendant Message No.							
1	2	3	4	5	6	7	8
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No. of Times							

**System Mode (LK 1)
SMDR/LCR (LK 5)
No. 02, 13, 14, 24, 25, and 26**

- M.B. 1-5-02** **SMDR Print Format**
Specify whether or not ALL digits are to be printed.

- M.B. 1-5-13** **Printer Connected (Alarm) Selection**
YES must be specified if a printer is connected. If the printer is disconnected, an alarm sounds at stations connected to ports 01 and 02.

- M.B. 1-5-14** **Printer Line Feed Control Selection**
Specify the format of data sent to the printer.

- M.B. 1-5-24** **DISA ID Code Digit Selection**
Select DISA ID Code.

- M.B. 1-5-25** **SMDR Valid Call Timer Assignment**
Specify minimum duration of an outside call before the system provides an SMDR report.

- M.B. 1-5-26** **SMDR Incoming/Outgoing Print Selection**
Specify the type of call records to be printed.

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M.B.	1-5-02	1-5-13
Function	SMDR Print Format	Printer Connected (Alarm) Selection
Default	ALL	No
Selections	ALL MASK	Yes No
New Entry		

M.B.	1-5-14	1-5-24
Function	Printer Line Feed Control Selection	DISA ID Code Digit Selection
Default	Yes	3-digit
Selections	Yes No	2-digit 3-digit 4-digit
New Entry		

M.B.	1-5-25	1-5-26
Function	SMDR Valid Call Timer Assignment	SMDR Incoming/Outgoing Print Selection
Default	40 sec.	OUT
Selections	00~990 sec. (in increments of 10 sec.)	ALL = Print incoming and outgoing call records OUT = Print outgoing call records only INC = Print incoming call records only
New Entry		

System Mode (LK 1)
 SMDR OR (LK 2)
 No. 02, 13, 14, 24, 25, and 26

- M.H. 1-5-02 SMDR Print Format
Specify whether or not ALL digits are to be printed.
- M.H. 1-5-13 Printer Connected (Alarm) Selection
YES must be specified if a printer is connected. If the printer is disconnected, an alarm sounds at stations connected to ports 01 and 02.
- M.H. 1-5-14 Printer Line Feed Control Selection
Specify the format of data sent to the printer.
- M.H. 1-5-24 DISA ID Code Digit Selection
Select DISA ID Code.
- M.H. 1-5-25 SMDR Valid Call Timer Assignment
Specify minimum duration of an outside call before the system provides an SMDR report.
- M.H. 1-5-26 SMDR Incoming/Outgoing Print Selection
Specify the type of call records to be printed.

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M.H.	1-5-02	1-5-13
Function	SMDR Print Format	Printer Connected (Alarm) Selection
Default	ALL	No
Selections	ALL MASK	Yes No
New Entry		

M.H.	1-5-14	1-5-24
Function	Printer Line Feed Control Selection	DISA ID Code Digit Selection
Default	Yes	3-digit
Selections	Yes No	3-digit 3-digit 4-digit
New Entry		

M.H.	1-5-25	1-5-26
Function	SMDR Valid Call Timer Assignment	SMDR Incoming/Outgoing Print Selection
Default	40 sec.	OUT
Selections	00-990 sec. (in increments of 10 sec.)	ALL = Print incoming and outgoing call records OUT = Print outgoing call records only INC = Print incoming call records only
New Entry		

**(System Mode (LK 1)
DSS (LK 6)
No. 01 and 03**

M.B. 1-6-01 Attendant Add-On Console to Telephone Port Assignment
Assign an Attendant Add-On Console to a telephone port number.

M.B. 1-6-03

M.B. 1-6-03 DSS Call Voice/Tone Signal Selection
Specify which is to be used first, signal tone or voice, when calling a station number from an Attendant Add-On Console.

M.B.	1-6-01	1-6-03
Function	Attendant Add-On Console to Telephone Port Assignment	DSS Call Voice/Tone Signal Selection
Default	Refer to table below.	Voice
Selections	Telephone Port No. 01~96	Tone Voice
New Entry	Refer to table below.	

M.B. 1-6-01

DSS No.	Default Tel. Port No.	New Entry (Tel Port No. 01~96)
1	01	
2	02	
3	01	
4	02	

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**System Mode (LK 1)
DSS (LK 6)
No. 05**

M.B. 1-6-05

Attendant Add-On Console Key Selection
Specify setting data for each Attendant Add-On Console key.

M.B. 1-6-01

M.B. 1-6-03

M.B.	1-6-05
Function	Attendant Add-On Console Key Selection
Default	Refer to table below.
Selections	Refer to <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> , Chapter 2 (Programming).
New Entry	Refer to tables on the following pages.

Default

DSS No.	Key No.	Setting Data
	01	TEL No. 01
	02	TEL No. 02
	f	f
	48	TEL No. 48
	49	Night Mode Switching
	50	Internal Paging Zone A (INT A)
1~4	51	Internal Paging Zone B (INT B)
	52	Internal Paging Zone C (INT C)
	53	All Internal Zone Paging (INT ALL)
	54	Vacant
	55	Message Waiting (MSG)
	56	External Paging Zone A (EXT A)
	57	External Paging Zone B (EXT B)
	58	External Paging Zone C (EXT C)
	59	External Zone Paging All (EXT ALL)
	60	Transfer (TRF)

Continued on next page.

System Mode (LK 1)
DSS (LK 6)
No. 05 (Continued)

Attendant Add-On Console 1

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
	49	50	51	52	53	54	
		55	56	57	58	59	60

Continued on next page.

Continued on next page.

(System Mode (LK 1)
(DSS (LK 6)
(No. 05 (Continued)

Attendant Add-On Console 2

Attendant Add-On Console 2

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
49	50	51	52	53	54		
55	56	57	58	59	60		

Continued on next page.

Continued on next page.

System Mode (LK 1)
DSS (LK 6)
No. 05 (Continued)

Attendant Add-On Console 3

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
	49	50	51	52	53	54	
	55	56	57	58	59	60	

Continued on next page.

(System Mode (LK 1)
(DSS (LK 6)
(No. 05 (Continued)

Attendant Add-On Console 4

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
	49	50	51	52	53	54	
	55	56	57	58	59	60	

Continued on next page.

**System Mode (LK 1)
ESP (LK 7)
No. 02 and 03**

M.B. 1-7-02

External Speaker Connection Selection

Specify whether or not external speakers are connected to the system.

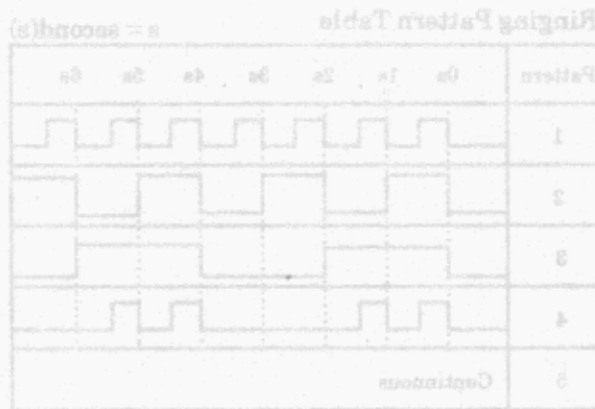
M.B. 1-7-03

External Paging Alert Tone Selection

Specify whether or not paging alert tone is sent to External Zone Paging.

M.B.	1-7-02	1-7-03																
Function	External Speaker Connection Selection	External Paging Alert Tone Selection																
Default	Yes - All Speakers Connected	Yes																
Selections	Yes No for all Speakers	Yes No																
New Entry	<table border="1"> <thead> <tr> <th>Speaker</th> <th>Selection</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>B</td> <td>2</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>C</td> <td>3</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	Speaker	Selection	Yes	No	A	1	<input type="checkbox"/>	<input type="checkbox"/>	B	2	<input type="checkbox"/>	<input type="checkbox"/>	C	3	<input type="checkbox"/>	<input type="checkbox"/>	
Speaker	Selection	Yes	No															
A	1	<input type="checkbox"/>	<input type="checkbox"/>															
B	2	<input type="checkbox"/>	<input type="checkbox"/>															
C	3	<input type="checkbox"/>	<input type="checkbox"/>															

Selections - M.B. 1-7-03



**System Mode (LK 1)
ESP (LK 7)
No. 06 and 07**

M.B. 1-7-06

External Paging Timeout Selection

Specify time before an external page is automatically disconnected.

M.B. 1-7-07

External Ring Cycle Selection

Specify ring pattern for each External Tone Ringer control relay.

M.B.	1-7-06	1-7-07										
Function	External Paging Timeout Selection	External Ring Cycle Selection										
Default	5 min.	Pattern 3										
Selections	Expressed in minutes 0.5 1.0 1.5 2.0 3.0 5.0 8.0 No Limit	Refer to table below.										
New Entry		<table border="1"> <thead> <tr> <th>Relay</th> <th>Pattern</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> 1 A</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> 2 B</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> 3 C</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> 4</td> <td>_____</td> </tr> </tbody> </table>	Relay	Pattern	<input type="checkbox"/> 1 A	_____	<input type="checkbox"/> 2 B	_____	<input type="checkbox"/> 3 C	_____	<input type="checkbox"/> 4	_____
Relay	Pattern											
<input type="checkbox"/> 1 A	_____											
<input type="checkbox"/> 2 B	_____											
<input type="checkbox"/> 3 C	_____											
<input type="checkbox"/> 4	_____											

Selections - M.B. 1-7-07

Ringing Pattern Table

s = second(s)

Pattern	0s	1s	2s	3s	4s	5s	6s
1							
2							
3							
4							
5	Continuous						

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 01, 02, and 04**

M.B. 1-8-01 SLT or Automated Attendant/DISA to PBR Selection
Specify whether the PBR circuits in the CPU KTU are to be used for Single Line Telephones or the Automated Attendant/DISA.

M.B. 1-8-02 PBR Receive Level Assignment for Automated Attendant/DISA
Specify the receiving level from a PBR at the Automated Attendant/DISA.

M.B. 1-8-04 Time Display (12h/24h) Selection
Specify either 12- or 24- hour time display.

M.B.	1-8-01	1-8-02
Function	SLT or Automated Attendant/DISA to PBR Selection	PBR Receive Level Assignment for Automated Attendant/DISA
Default	OFF - Single Line Telephone	PBR 1 Data 05 (-36.1 dBm) PBR 2 Data 05 (-36.1 dBm)
Selections	OFF - Single Line Telephone ON - Automated Attendant/DISA	Refer to Receiving Level in the table below.
New Entry	PBR 1 _____ PBR 2 _____	PBR 1 _____ PBR 2 _____

M.B.	1-8-04
Function	Time Display (12h/24h) Selection
Default	12 hr.
Selections	12 hr. 24 hr.
New Entry	

Setting Data - M.B. 1-8-02			
Setting Data	Receiving Level	Setting Data	Receiving Level
00	-32.4 dBm	08	-39.1 dBm
01	-33.0 dBm	09	-40.2 dBm
02	-33.8 dBm	10	-41.5 dBm
03	-34.6 dBm	11	-42.5 dBm
04	-35.3 dBm	12	-43.8 dBm
05	-36.1 dBm	13	-45.1 dBm
06	-37.0 dBm	14	-46.2 dBm
07	-38.0 dBm	15	-47.5 dBm

**(System Mode (LK 1)
PBR/Misc. (LK 8)
No. 07**

M.B. 1-8-07

Class of Service (Attendant) Feature Selection 1

Specify whether attendant-type features are allowed or denied for each Class of Service.

M.B.	1-8-07
Function	Class of Service (Attendant) Feature Selection 1
Default	Refer to tables below and on next page.
Selections	Refer to tables below and on next page.
New Entry	Refer to tables below and on next page.

Enter A, to allow, or D, to deny, each feature and Class of Service combination.

Page 1

CO/PBX Line Key	Class															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
LK 1																
LK 2																
LK 3																
LK 4																
LK 5																
LK 6																
LK 7																
LK 8																

Page 1

Corresponding CO/PBX Line Key	Function Name	Default Class 00	Default Class 01~15
LK 1	Night Mode Switching (System-Wide)	Allow	Deny
LK 2	Night Mode Switching (Tenant Basis)	Allow	Deny
LK 3	System Speed Dial Programming	Allow	Deny
LK 4	Not Used	N/A	N/A
LK 5	Not Used	N/A	N/A
LK 6	Not Used	N/A	N/A
LK 7	Automatic Trunk-to-Trunk Transfer (Set/Reset) and Programming of Outgoing Numbers	Allow	Deny
LK 8	Automated Attendant/DISA Mode (Set/Reset)	Allow	Deny

Continued on next page.

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 07 (Continued)**

Page 2

CO/PBX Line Key	Class															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
LK 1																
LK 2																
LK 3																
LK 4																
LK 5																
LK 6																
LK 7																
LK 8																

Page 2

Corresponding CO/PBX Line Key	Function Name	Default Class 00	Default Class 01~15
LK 1	Timed Alarm (Set/Reset) for Single Line Telephones	Allow	Deny
LK 2	<ul style="list-style-type: none"> ● Call Forward-All Calls (Set/Reset) from Destination Station ● Call Forward All Call Set ● Call Forward Busy/No Answer Set 	Allow	Deny
LK 3	System-Wide Reset of Timed Alarm, Call Forward - All Calls, Do Not Disturb, Customized Message, and Callback Request	Allow	Deny
LK 4	Cancel Station Lockout and Default Password for another Station	Allow	Deny
LK 5	DISA Password Cancel	Allow	Deny
LK 6	DISA Password Confirmation	Allow	Deny
LK 7	Automated Attendant Weekend Mode (Set/Reset) Tenant Basis	Allow	Deny
LK 8	Forced Account Code Programming (Series 600 or higher)	Allow	Deny

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 08**

M.B. 1-8-08

Class of Service (Station) Feature Selection 2

Specify whether station features are allowed or denied for each Class of Service.

M.B.	Class	CO/PBX Line Key
1-8-08	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15	LK 1
Function	Class of Service (Station) Feature Selection 2	
Default	Refer to tables below and on the following pages.	
Selections	Refer to tables below and on the following pages.	
New Entry	Refer to tables below and on the following pages.	

Enter A, to allow, or D, to deny, each feature and Class of Service combination.

Page 1

CO/PBX Line Key	Class															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
LK 1																
LK 2																
LK 3																
LK 4																
LK 5																
LK 6																
LK 7																
LK 8																

Page 1

Corresponding CO/PBX Line Key	Function Name	Default Class 00	Default Class 01~15
LK 1	Set Call Forward - All Calls , Do Not Disturb (DND), Break Mode (Break Mode - Series 400 or higher)	Allow	Deny
LK 2	Trunk Queuing	Allow	Deny
LK 3	Automatic Callback	Allow	Deny
LK 4	Barge-In Originate on a CO/PBX Line	Deny	Deny
LK 5	Barge-In Receive	Allow	Deny
LK 6	Timed Alarm (Set/Cancel)	Allow	Deny
LK 7	Not Used	N/A	N/A
LK 8	Voice/Tone Override Originate (Voice Override - Series 400 or higher)	Allow	Deny

Continued on next page.

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 08 (Continued)**

Page 2

CO/PBX Line Key	Class															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
LK 1																
LK 2																
LK 3																
LK 4																
LK 5																
LK 6																
LK 7																
LK 8																

Page 2

Corresponding CO/PBX Line Key	Function Name	Default Class 00	Default Class 01~15
LK 1	Absence Message	Allow	Deny
LK 2	Callback Request Originate	Allow	Deny
LK 3	Station Outgoing Lockout (Set/Cancel)	Allow	Deny
LK 4	Not Used	N/A	N/A
LK 5	Call Forward Busy, No Answer, Busy/No Answer Set	Allow	Deny
LK 6	VRS Voice Message Record/Verify/Erase	Allow	Deny
LK 7	Not Used	N/A	N/A
LK 8	DISA Password Set	Allow	Deny

Continued on next page.

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 08 (Continued)**

Page 3

CO/PBX Line Key	Class															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
LK 1																
LK 2																
LK 3																
LK 4																
LK 5																
LK 6																
LK 7																
LK 8																

Page 3

Corresponding CO/PBX Line Key	Function Name	Default Class 00	Default Class 01~15
LK 1	Not Used	N/A	N/A
LK 2	User Ringing Line Preference Set/Reset	Allow	Deny
LK 3	Voice/Tone Override/Camp-On Tone (Receive) (Voice Override - Series 400 or higher)	Allow	Deny
LK 4	LCR Bypass (Trunk Groups 02 ~ 32)	Deny	Deny
LK 5	Station Trunk-to-Trunk Transfer	Deny	Deny
LK 6	Account Code Entry (Series 300 or higher)	Deny	Deny
LK 7	Not Used	N/A	N/A
LK 8	Call Alert Notification (Version 2.16 and 2.60 or higher)	Allow	Deny

Continued on next page.

Continued on next page.

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 08 (Continued)**

Page 4

CO/PBX Line Key	Class															
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
LK 1																
LK 2																
LK 3																
LK 4																
LK 5																
LK 6																
LK 7																
LK 8																

Page 4

Corresponding CO/PBX Line Key	Function Name	Default Class 00	Default Class 01~15
LK 1	LCR Recall (Version 2.77C or higher)	Allow	Deny
LK 2	DSS Key Transfer Operation (Series 300 or higher)	Deny	Deny
LK 3	Caller ID (Series 400 or higher)	Deny	Deny
LK 4	Caller ID Number / Name Selection (Series 400 or higher)	Name	Name
LK 5	Digital Voice Mail Live Recording (Series 400 or higher)	Deny	Deny
LK 6	Digital Voice Mail Auto Recording (Series 400 or higher)	Deny	Deny
LK 7	BGM Selection (Series 500 or higher)	Allow	Deny
LK 8	Unsupervised Conference (Series 500 or higher)	Deny	Allow

Page 5

Corresponding CO/PBX Line Key	Function Name	Default Class 00	Default Class 01~15
LK 1	Forced Account Code (Series 600 or higher)	Deny	Deny

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 09, 10, 11, and 12**

M.B. 1-8-09 Music On Hold Pattern Selection
Specify the Music On Hold melody.

M.B. 1-8-10 PBR Interdigit Release Timer Selection
Specify the interdigit release time for the PBR.

M.B. 1-8-11 System Refresh Timer Assignment
Assign the system refresh time.

M.B. 1-8-12 VRS Message Recording Time Selection
Assign the time allowed for each message.

M.B.	1-8-09	1-8-10
Function	Music On Hold Pattern Selection	PBR Interdigit Release Timer Selection
Default	A	7 sec.
Selections	A B C D	<u>Expressed in seconds</u> 3 4 5 6 7 8 9 10
New Entry		

M.B.	1-8-11	1-8-12
Function	System Refresh Timer Assignment	VRS Message Recording Time Selection
Default	4 hr.	All VRS Channels - Recording Time: 15 sec. Number of Messages: 16
Selections	<u>Expressed in hours</u> No Refresh 4 8 12 24	<u>Recording Time</u> <u>Number of Messages</u> 15 sec. 16 messages 30 sec. 8 messages 60 sec. 4 messages 120 sec. 2 messages
New Entry		Refer to table below.

M.B. 1-8-12

VRS Channel	Recording Time/Number of Messages
1	/
2	/
3	/
4	/
5	/
6	/
7	/
8	/

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 13**

M.B. 1-8-13 VRS Message Function Assignment
Assign recorded voice prompt to VRS message block.

M.B.	1-8-13			
Function	VRS Message Function Assignment			
Default	All Channels of Block: No Message			
Selections	Refer to table below.			
New Entry	Refer to table on next page.			

Page 1

Line Key	Message
1	No Message
2	Voice Prompt 1
3	Voice Prompt 2
4	First Delay Announcement
5	Second Delay Announcement
6	Not Used
7	Not Used
8	Not Used

Page 2

Line Key	Message
1	Day Mode Auto Attendant 1
2	Day Mode Auto Attendant 2
3	Day Mode Auto Attendant 3
4	Day Mode Auto Attendant 4
5	Day Mode Auto Attendant 5
6	Day Mode Auto Attendant 6
7	Day Mode Auto Attendant 7
8	Day Mode Auto Attendant 8

Page 3

Line Key	Message
1	Night Mode Auto Attendant 1
2	Night Mode Auto Attendant 2
3	Night Mode Auto Attendant 3
4	Night Mode Auto Attendant 4
5	Night Mode Auto Attendant 5
6	Night Mode Auto Attendant 6
7	Night Mode Auto Attendant 7
8	Night Mode Auto Attendant 8

Page 4

Line Key	Message
1	Weekend Mode Auto Attendant 1
2	Weekend Mode Auto Attendant 2
3	Weekend Mode Auto Attendant 3
4	Weekend Mode Auto Attendant 4
5	Weekend Mode Auto Attendant 5
6	Weekend Mode Auto Attendant 6
7	Weekend Mode Auto Attendant 7
8	Weekend Mode Auto Attendant 8

Continued on next page.

System Mode (LK 1)
PBR/Misc. (LK 8)
No. 13 (Continued)

M.B. 1-8-13

Enter the line key and page number to assign message type for each available Message Block No. and Channel number.

Message Block No.	Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Channel 8
01								
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								

1	Weekend Mode Auto Attendant 1
2	Weekend Mode Auto Attendant 2
3	Weekend Mode Auto Attendant 3
4	Weekend Mode Auto Attendant 4
5	Weekend Mode Auto Attendant 5
6	Weekend Mode Auto Attendant 6
7	Weekend Mode Auto Attendant 7
8	Weekend Mode Auto Attendant 8

1	Night Mode Auto Attendant 1
2	Night Mode Auto Attendant 2
3	Night Mode Auto Attendant 3
4	Night Mode Auto Attendant 4
5	Night Mode Auto Attendant 5
6	Night Mode Auto Attendant 6
7	Night Mode Auto Attendant 7
8	Night Mode Auto Attendant 8

Continued on next page.

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 15**

M.B. 1-8-15

Tone Assignment

Assign each system tone to the flexible tables.

M.B.	1-8-15
Function	Tone Assignment
Default	Refer to table below.
Selections	Refer to table on next page.
New Entry	Refer to table below.

Enter data in the applicable column.

Table No.	Tone	LCD Indication	Default	New Entry
00	ICM Dial Tone	(DT)	A	
01	Second Dial Tone	(2DT)	B	
02	Special Dial Tone	(SPDT)	C	
03	Busy Tone	(BT)	D	
04	Reorder Tone	(ROT)	E	
05	Howler Tone	(HWT)	F	
06	Service Set Tone	(SST)	G	
07	ICM Ringback Tone	(RBT1)	I	
08	Tie/DID Ringback Tone	(RBT2)	I	
09	Call Waiting Tone	(CWT)	J	
10	LCR Tone	(SDT)	K	
11	Tone Burst 1	(TB1)	L	
12	Tone Burst 2 (No Tone)	(TB2)	M	

Continued on next page.

System Mode (LK 1)
PBR/Misc. (LK 8)
No. 15 (Continued)

Selections

TONE	FREQ.	INTERMIT	CYCLE
A	350/440	Continuous	
B	350/440	120 IPM	
C	440	240 IPM	
D	480/620	60 IPM	
E	480/620	120 IPM	
F	240 16 Modulation	Continuous	
G	440	Continuous	
H	440/480	ON: 2s OFF: 4s	
I	440/480	ON: 1s OFF: 2s	
J	440	60 IPM	
K	400	Continuous	
L	800	60 IPM	
M	No Tone	Continuous	

Continued on next page

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 16, 17, 18, and 25**

- M.B. 1-8-16 **Voice Prompt to Tone Assignment**
Assign voice prompt to each tone.
- M.B. 1-8-17 **PC Programming Password Assignment**
Set the system password to be used with PC Programming.
- M.B. 1-8-18 **Site Name Assignment**
Assign site name used to enable System Programming via a personal computer.
- M.B. 1-8-25 **ACD/UCD Group Agent Assignment**
Specify the Agent Station Number and the ACD or UCD Group Numbers to which each Agent belongs.

M.B.	1-8-16	1-8-17
Function	Voice Prompt to Tone Assignment	PC Programming Password Assignment
Default	Voice Prompt 1 = Dial Tone Voice Prompt 2 = Call Waiting Tone	Classes 1 and 2 = All Blank
Selections	Refer to Default and Selections tables for M.B. 1-8-15 in this manual.	0~9 Class 1: maximum 8 digits Class 2: maximum 8 digits
New Entry	Voice Prompt 1 = Voice Prompt 2 =	Class 1 = Class 2 =

M.B.	1-8-18	1-8-25			
Function	Site Name Assignment	ACD/UCD Group Agent Assignment			
Default	No Assignment	Not Specified			
Selections	Maximum of eight characters. Refer to <i>Electra Professional Level II and Level II Advanced Installation Service Manual, Chapter 2 (Programming), Section 8 (Character Code Tables).</i>	Agent No. 1~32 ACD or UCD Group 1~4 Station No. 00~9999 2-digit (00~99) 3-digit (000~999) 4-digit (0000~9999)			
New Entry		Group 1	Group 2	Group 3	Group 4

**System Mode (LK 1)
PBR/Misc. (LK 8)
No. 26 and 27**

- M.B. 1-8-26 **Voice Mail Quick Transfer Master Hunt Number** Specify the Voice Mail Master Number.
- M.B. 1-8-27 **Forced Account Code Length Assignment** Assign the number of digits (1~13) for the Forced Account Codes.

M.B.	1-8-26
Function	Voice Mail Quick Transfer Master Hunt Number
Default	No Assignment
Selections	Station No. 00~9999 2-digit (00~99) 3-digit (000~999) 4-digit (0000~9999)
New Entry	
M.B.	1-8-27
Function	Forced Account Code Length Assignment
Default	10 Digits
Selections	1 ~ 13
New Entry	

M.B.	1-8-26	Function	ACD/UCD Group Agent Assignment
Default		Default	No Assignment
Selections	Agent No. 1~32 ACD or UCD Group 1~4 Station No. 00~9999 2-digit (00~99) 3-digit (000~999) 4-digit (0000~9999)	Selections	Maximum of eight characters Refer to Electra Professional Level II and Level II Advanced Installation Service Manual, Chapter 2 (Programming), Section 8 (Character Code Tables).
New Entry	Group 1 Group 2 Group 3 Group 4	New Entry	

**System Mode (LK 1)
DISA (LK 9)
No. 00**

M.B. 1-9-00

DISA ID Code Assignment
Specify the DISA ID Code Numbers.

M.B. 1-9-00

M.B.	1-9-00
Function	DISA ID Code Assignment
Default	If DISA ID Code is assigned as 2-Digit: ID Buffer No. 01~89 = DISA ID Code 10~98 ID Buffer No. 90~96 = DISA ID Code 00 (No Data) If DISA ID Code is assigned as 3-Digit: ID Buffer No. 01~96 = DISA ID Code 100~195 If DISA ID Code is assigned as 4-Digit: ID Buffer No. 01~96 = DISA ID Code 1000~1095
Selections	2-Digit (00~99) [00 = No Data] 3-Digit (000~999) [000 = No Data] 4-Digit (0000~9999) [0000 = No Data]
New Entry	Refer to table below.

Buffer No.	DISA ID Code	Buffer No.	DISA ID Code	Buffer No.	DISA ID Code	Buffer No.	DISA ID Code
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

**System Mode (LK 1)
DISA (LK 9)
No. 02**

M.B. 1-9-02

DISA Password Effect/Invalid Selection
Assign the DISA Password as in Effect or Invalid.

M.B. 1-9-02

M.B.	1-9-02	Function	DISA ID Code Assignment
Function	DISA Password Effect/Invalid Selection	Default	DISA ID Code is assigned as: ID Buffer No. 01-83 = DISA ID Code 00 (No Data) ID Buffer No. 90-98 = DISA ID Code 00 (No Data)
Default	Yes (DISA Password in Effect)	Selections	DISA ID Code is assigned as: ID Buffer No. 01-98 = DISA ID Code 1000 (No Data) ID Buffer No. 01-98 = DISA ID Code 1000-1088 (No Data)
Selections	No = DISA Password Invalid Yes = DISA Password in Effect	New Entry	Refer to table below

DISA ID Code	Buffer No.	DISA ID Code	Buffer No.	DISA ID Code	Buffer No.	DISA ID Code	Buffer No.
01	73	02	74	03	75	04	76
05	77	06	78	07	79	08	80
09	81	10	82	11	83	12	84
13	85	14	86	15	87	16	88
17	90	18	91	19	92	20	93
21	95	22	96	23	97	24	98
25	99	26	00	27	01	28	02
29	03	30	04	31	05	32	06
33	07	34	08	35	09	36	10
37	11	38	12	39	13	40	14
41	15	42	16	43	17	44	18
45	19	46	20	47	21	48	22
49	23	50	24	51	25	52	26
53	27	54	28	55	29	56	30
57	31	58	32	59	33	60	34
61	35	62	36	63	37	64	38
65	39	66	40	67	41	68	42
71	45	72	46	73	47	74	48
75	49	76	50	77	51	78	52
81	55	82	56	83	57	84	58
85	59	86	60	87	61	88	62
91	65	92	66	93	67	94	68
95	69	96	70	97	71	98	72
99	73	00	74	01	75	02	76

**System Mode (LK 1)
CAR (LK 10)
No. 01, 02, 03, 04, 05, and 06**

M.B. 1-10-01	Call Arrival Key Number Assignment Specify the Call Arrival Key number.		
M.B. 1-10-02	Call Arrival Key Master Hunt Number Selection Specify the assignment of a Master Hunt Number for a Call Arrival Key.		
M.B. 1-10-03	Call Arrival Key Hunt Number Forward Assignment Specify the Call Arrival Key Hunt Forward station number.		
M.B. 1-10-04	Call Arrival Key Port Name Assignment Specify the Call Arrival Key Port name that is indicated on the LCD terminal when using the intercom.		
M.B. 1-10-05	Call Arrival Key to Call Appearance Block Assignment Assign each Call Arrival Key to a Call Appearance Block.		
M.B. 1-10-06	Caller ID Display Assignment for Call Arrival Key Assign one Multiline Terminal per CAR Key Port Number to display Caller ID indication on incoming CAR calls.		

M.B.	1-10-01	1-10-02
Function	Call Arrival Key Number Assignment	Call Arrival Key Master Hunt Number Selection
Default	All Call Arrival Keys Not Specified (000)	No
Selections	2-Digit (00~99) 3-Digit (000~999) 4-Digit (0000~9999)	No Yes
New Entry	Refer to table on next page.	Refer to table on next page.

M.B.	1-10-03	1-10-04
Function	Call Arrival Key Hunt Number Forward Assignment	Call Arrival Key Port Name Assignment
Default	All Call Arrival Keys Not Specified (000)	Not Specified
Selections	2-Digit (00~99) 3-Digit (000~999) 4-Digit (0000~9999)	Maximum of 6 digits/characters. Refer to Character Code Tables in Chapter 2 (Programming) of the <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> .
New Entry	Refer to table on next page.	Refer to table on next page.

M.B.	1-10-05	1-10-06
Function	Call Arrival Key to Call Appearance Block Assignment	Caller ID Display Assignment for Call Arrival Key
Default	All CARs assigned to Block 00	Not Specified
Selections	00~47	0~96 Tel port
New Entry	Refer to table on next page.	Refer to table on next page.

Continued on next page.

**System Mode (LK 1)
CAR (LK 10)
No. 01, 02, 03, 04, 05, and 06 (Continued)**

Call Arrival Key Port No.	M.B. 1-10-01 CAR No.	M.B. 1-10-02 CAR Master Hunt No.	M.B. 1-10-03 CAR Hunt No. Forward	M.B. 1-10-04 CAR Port Name	M.B. 1-10-05 CAR to Call Appearance Block	M.B. 1-10-06 Caller ID Display Assignment for CAR
01						
02						
03						
04						
05						
06						
07						
08	1-10-02			1-10-01		M.B.
09						Function
10						
11						Default
12						Selections
13						
14						
15						
16	1-10-04			1-10-03		M.B.
17						Function
18						
19						Default
20						Selections
21						
22						
23						
24						
25	1-10-06			1-10-05		M.B.
26						Function
27						
28						Default
29						Selections
30						

Continued on next page.

Continued on next page.

**System Mode (LK 1)
CAR (LK 10)
No. 01, 02, 03, 04, 05, and 06 (Continued)**

Call Arrival Key Port No.	M.B. 1-10-01 CAR No.	M.B. 1-10-02 CAR Master Hunt No.	M.B. 1-10-03 CAR Hunt No. Forward	M.B. 1-10-04 CAR Port Name	M.B. 1-10-05 CAR to Call Appearance Block	M.B. 1-10-06 Caller ID Display Assignment for CAR
31						01
32						02
33						03
34						04
35						05
36						06
37						07
38						08
39						09
40						00
41						01
42						02
43						03
44						04
45						05
46						06
47						07
48						08
49						09
50						00
51						01
52						02
53						03
54						04
55						05
56						06
57						07
58						08
59						
60						

Continued on next page.

**System Mode (LK 1)
CAR (LK 10)
No. 01, 02, 03, 04, 05, and 06 (Continued)**

Call Arrival Key Port No.	M.B. 1-10-01 CAR No.	M.B. 1-10-02 CAR Master Hunt No.	M.B. 1-10-03 CAR Hunt No. Forward	M.B. 1-10-04 CAR Port Name	M.B. 1-10-05 CAR to Call Appearance Block	M.B. 1-10-06 Caller ID Display Assignment for CAR
61						18
62						28
63						38
64						48
65						58
66						68
67						78
68						88
69						98
70						04
71						14
72						24
73						34
74						44
75						54
76						64
77						74
78						84
79						94
80						08
81						18
82						28
83						38
84						48
85						58
86						68
87						78
88						88
						98
						08

Continued on next page

**System Mode (LK 1)
DTI (LK 11)
No. 00, 01, 02, 03, and 04**

- M.B. 1-11-00** **Signal Format Selection**
Specify the frame format for T1 trunk.
- M.B. 1-11-01** **Clear Channel Selection**
Specify the line code method for clock synchronized with system.
- M.B. 1-11-02** **Line Length Selection**
Specify the line length between CSU/Dmark and DTI KTU.
- M.B. 1-11-03** **Robbed Bit Signaling Channel Selection**
Specify the robbed bit signal method.
- M.B. 1-11-04** **DTI Maintenance Selection**
Specify the maintenance method, Local or Remote Loopback.

M.B.	1-11-00	1-11-01	1-11-02
Function	Signal Format Selection	Clear Channel Selection	Line Length Selection
Default	ESF (24 Multiframe)	ZCS	0~131 Feet
Selections	SF (12 Multiframe) ESF (24 Multiframe)	ZCS B8ZS	1 0~131 Feet 2 132~262 Feet 3 263~393 Feet 4 394~524 Feet 5 525~655 Feet
New Entry			

M.B.	1-11-03	1-11-04
Function	Robbed Bit Signaling Channel Selection	DTI Maintenance Selection
Default	4-State (A and B)	Remote Loopback
Selections	4-State (A and B) 16-State (A, B, C, and D)	Remote Loopback Local Loopback
New Entry		

Continued on next page

(System Mode (LK 1)

(DTI (LK 11)

No. 05

M.B. 1-11-05

T1 Channel Selection

Specify the DTI channel numbers to be used for T1. DTI Trunks 1 and 2 have a maximum of 24 channels each, and DTI Trunk 3 has a maximum of 16 channels.

M.B.	1-11-05
Function	T1 Channel Selection
Default	DTI No. 1 Channel 01~24 = ON DTI No. 2 Channel 25~48 = ON DTI No. 3 Channel 49~64 = ON
Selections	Refer to table below.
New Entry	Refer to table below.

Enter a check mark in the applicable column for each Channel No.

DTI No. 1 Page 1

DTI No. 1 Page 2

DTI No. 1 Page 3

CO/PBX Line Key	Channel No.	T1 Selection		CO/PBX Line Key	Channel No.	T1 Selection		CO/PBX Line Key	Channel No.	T1 Selection	
		ON	OFF			ON	OFF			ON	OFF
LK 1	01			LK 1	09			LK 1	17		
LK 2	02			LK 2	10			LK 2	18		
LK 3	03			LK 3	11			LK 3	19		
LK 4	04			LK 4	12			LK 4	20		
LK 5	05			LK 5	13			LK 5	21		
LK 6	06			LK 6	14			LK 6	22		
LK 7	07			LK 7	15			LK 7	23		
LK 8	08			LK 8	16			LK 8	24		

DTI No. 2 Page 1

DTI No. 2 Page 2

DTI No. 2 Page 3

CO/PBX Line Key	Channel No.	T1 Selection		CO/PBX Line Key	Channel No.	T1 Selection		CO/PBX Line Key	Channel No.	T1 Selection	
		ON	OFF			ON	OFF			ON	OFF
LK 1	25			LK 1	33			LK 1	41		
LK 2	26			LK 2	34			LK 2	42		
LK 3	27			LK 3	35			LK 3	43		
LK 4	28			LK 4	36			LK 4	44		
LK 5	29			LK 5	37			LK 5	45		
LK 6	30			LK 6	38			LK 6	46		
LK 7	31			LK 7	39			LK 7	47		
LK 8	32			LK 8	40			LK 8	48		

Continued on next page.

(1) System Mode (LK 1)
(DTI (LK 11))
No. 05 (Continued)

M.B. 1-11-06 Signaling Selection
Specify whether Trunks are Loop Start or Ground Start

Table with 3 columns: M.B., Function, Default. Contains mirrored header information.

DTI No. 3 Page 1

DTI No. 3 Page 2

Main table with columns: CO/PBX Line Key, Channel No., T1 Selection (ON/OFF) for Page 1 and Page 2.

Large table with 8 columns and 24 rows, containing numerical data from 01 to 24.

**System Mode (LK 1)
DTI (LK 11)
No. 06**

M.B. 1-11-06

Signaling Selection

Specify whether Trunks are Loop Start or Ground Start.

M.B.	1-11-06
Function	Signaling Selection
Default	Loop Start (LS)
Selections	Loop Start (LS) Ground Start (GS)
New Entry	Refer to table below.

Enter LS or GS for each Channel No.

DTI No. 1

Ch. No.	Data
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	

DTI No. 2

Ch. No.	Data
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	

DTI No. 3

Ch. No.	Data
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	

**System Mode (LK 1)
DTI (LK 11)
No. 07**

M.B. 1-11-07 DTI Trunk Type Assignment
Specify the trunk type for each 4-channel unit.

M.B.	1-11-07
Function	DTI Trunk Type Assignment
Default	CO
Selections	CO E&M DID
New Entry	Refer to table below.

Enter a check mark in the applicable column.

Block No.	Channel Unit	DTI No. 1			Channel Unit	DTI No. 2			Channel Unit	DTI No. 3		
		Trunk Type				Trunk Type				Trunk Type		
		CO	E&M	DID		CO	E&M	DID		CO	E&M	DID
1	01~04				25~28				49~52			
2	05~08				29~32				53~56			
3	09~12				33~36				57~60			
4	13~16				37~40				61~64			
5	17~20				41~44							
6	21~24				45~48							

System Mode (LR I)
DTI (LR II)
No. 07

M.B. 1-11-07
Specify the trunk type for each 4-channel unit
DTI Trunk Type Assignment

New Entry	Refer to table below
Solutions	CO E&M DID
Default	CO
Function	DTI Trunk Type Assignment
M.B.	1-11-07

Enter a check mark in the applicable column.

DTI No. 3

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DTI No. 1

Block No.	Channel Unit	Trunk Type			Channel Unit	Trunk Type			Channel Unit	Trunk Type		
		CO	E&M	DID		CO	E&M	DID		CO	E&M	DID
1	01-04				25-28				49-52			
2	05-08				29-32				53-56			
3	09-12				33-36				57-60			
4	13-16				37-40				61-64			
5	17-20				41-44							
6	21-24				45-48							

**System Mode (LK 1)
ACD/UCD (LK 12)
No. 00, 01, and 02**

- M.B. 1-12-00** **ACD/UCD Group Pilot Number Assignment**
Specify the pilot number of each ACD or UCD group.
- M.B. 1-12-01** **ACD/UCD Group Overflow Destination Assignment**
Assign the overflow station for each ACD or UCD group.
- M.B. 1-12-02** **ACD/UCD Overflow Timer Selection**
Specify the maximum waiting time of an ACD or UCD call for each group.

M.B.	1-12-00	1-12-01	1-12-02
Function	ACD/UCD Group Pilot Number Assignment	ACD/UCD Group Overflow Destination Assignment	ACD/UCD Overflow Timer Selection
Default	Not Specified	Not Specified	60 sec.
Selections	2-digit (00~99) 3-digit (000~999) 4-digit (0000~9999)	2-digit (00~99) 3-digit (000~999) 4-digit (0000~9999)	<u>Expressed in seconds</u> ∞ 10 20 30 60 120 180 240
New Entry	Refer to table below.	Refer to table below.	Refer to table below.

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Enter the applicable data for each ACD or UCD group.

ACD/UCD Group	Memory Block		
	1-12-00 Pilot No.	1-12-01 Overflow Station No.	1-12-02 Overflow Timer
Group 1			
Group 2			
Group 3			
Group 4			

System Mode (LK 1)
ACDUCD (LK 12)
No. 00, 01, and 02

- M.B. 1-12-00 ACDUCD Group Pilot Number Assignment
Specify the pilot number of each ACD or UCD group.
- M.B. 1-12-01 ACDUCD Group Overflow Destination Assignment
Assign the overflow station for each ACD or UCD group.
- M.B. 1-12-02 ACDUCD Overflow Timer Selection
Specify the maximum waiting time of an ACD or UCD call for each group.

M.B.	1-12-00	1-12-01	1-12-02
Function	ACDUCD Group Pilot Number Assignment	ACDUCD Group Overflow Destination Assignment	ACDUCD Overflow Timer Selection
Default	Not Specified	Not Specified	60 sec.
Selections	2-digit (00-99) 3-digit (000-999) 4-digit (0000-9999)	2-digit (00-99) 3-digit (000-999) 4-digit (0000-9999)	Expressed in seconds ∞ 10 30 60 120 180 240
New Entry	Refer to table below.	Refer to table below.	Refer to table below.

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Enter the applicable data for each ACD or UCD group.

ACDUCD Group	Memory Block		
	1-12-00 Pilot No.	1-12-01 Overflow Station No.	1-12-02 Overflow Timer
Group 1			
Group 2			
Group 3			
Group 4			

Tenant Mode (LK 2) No. 01

M.B. 2-01 **Trunk to Tenant Assignment**
Specify assignment of CO/PBX lines to each tenant.

M.B.	2-01
Function	Trunk to Tenant Assignment
Default	Tenant 00: CO/PBX lines 01~64 Assigned Tenant 01~47: CO/PBX lines 01~64 Not Assigned
Selections	CO/PBX Line LED ON = Assigned OFF = Not Assigned
New Entry	Refer to table below.

Enter a check mark in the applicable column for each assigned CO/PBX Line.

	Tenant No.	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
CO/PBX Line No.																									
01																									
02																									
03																									
04																									
05																									
06																									
07																									
08																									
09																									
10																									
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20																									
21																									
22																									

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**Tenant Mode (LK 2)
No. 01 (Continued)**

CO/PBX Line No.	Tenant No.	Specify assignment of CO/PBX lines to each tenant																							
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
23																									
24																									
25																									
26																									
27																									
28																									
29																									
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31																									
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63																									
64																									

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Tenant Mode (LK 2)
No. 01 (Continued)

CO/PBX Line No.	Tenant No.	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
01																									
02																									
03																									
04																									
05																									
06																									
07																									
08																									
09																									
10																									
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31																									
32																									
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35																									*
36																									
37																									

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**Tenant Mode (LK 2)
No. 01 (Continued)**

CO/PBX Line No.	Tenant No.	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
		38																							10
39																							20		
40																							30		
41																							40		
42																							50		
43																							60		
44																							70		
45																							80		
46																							90		
47																							01		
48																							11		
49																							21		
50																							31		
51																							41		
52																							51		
53																							61		
54																							71		
55																							81		
56																							91		
57																							02		
58																							12		
59																							22		
60																							32		
61																							42		
62																							52		
63																							62		
64																							72		
																							82		
																							92		
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																							13		
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																							43		
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																							93		
																							04 *		
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																							24		
																							34		
																							44		
																							54		
																							64		
																							74		

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**Tenant Mode (LK 2)
No. 05**

M.B. 2-05

Line Key Selection

Specify the CO/PBX key assignment for each tenant (Telephone Mode or Tenant-Wide Mode).

M.B.	2-05	
Function	Line Key Selection	
Default	Telephone Mode	
Selections	Tenant-Wide Mode	Telephone Mode
New Entry	Refer to table below.	

Enter a check mark in the applicable column.

Selection Tenant No.	Tenant-Wide Mode	Telephone Specific Mode
00		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		

Selection Tenant No.	Tenant-Wide Mode	Telephone Specific Mode
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		*
45		
46		
47		

Tenant Mode (L.K. 2)
No. 05

Line Key Selection
Specify the COBEX key assignment for each tenant (Telephone Mode or Tenant-Wide Mode).

M.B. 2-08

M.B.	2-08
Function	Line Key Selection
Default	Telephone Mode
Selections	Tenant-Wide Mode Telephone Mode
New Entry	Refer to table below

Enter a check mark in the applicable column.

Tenant No.	Tenant-Wide Mode	Telephone Specific Mode
24		
25		
26		
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28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		

Tenant No.	Tenant-Wide Mode	Telephone Specific Mode
00		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		

Tenant Mode (LK 2)

(basic) No. 06

M.B. 2-06	Line Key Selection for Tenant Mode Specify assignment of functions to each CO/PBX line key on tenant telephones specified as Tenant Mode.
M.B.	2-06
Function	Line Key Selection for Tenant Mode
Default	Tenant No. 00: CO Lines 1~8 Tenant No. 01~47: Not Specified
Selections	<p>Enter one of the following for each CO/PBX line key.</p> <ul style="list-style-type: none"> ● Not Specified ● CO/PBX line (CO 01~64) ● † Call Appearance (C) 00~47 - 01~24) ● Feature Access (FA 01~10) ● Trunk Group (TKGP 01~32) ● Route Advance Block (ADV 01~16) ● Secondary Incoming Extension (SIE 01~96) ● * Do Not Disturb, Break On/Off ● * Log On/Off ● * BGM On/Off ● * Call Forward - Busy/No Answer (CFW BNA) On/Off ● * Call Forward - All (CFW All) On/Off ● † Call Arrival Keys (CAR) 01~88 ● Microphone (MIC) ● Headset (H SET) ● ‡ Scroll Key ‡ Series 250 or higher ‡ Series 400 or higher * Series 500 or higher
New Entry	Refer to table below.

Enter the applicable data for each tenant.

Tenant No.	CO/PBX Line Key No.											
	LK 1	LK 2	LK 3	LK 4	LK 5	LK 6	LK 7	LK 8	LK 9	LK 10	LK 11	LK 12
00												
01												
02												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12												
13												
14												

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Tenant Mode (LK 2)
No. 06 (Continued)

Tenant No.	CO/PBX Line Key No.											
	LK 1	LK 2	LK 3	LK 4	LK 5	LK 6	LK 7	LK 8	LK 9	LK 10	LK 11	LK 12
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
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34												
35												
36												
37												
38												
39												
40												
41												
42												
43												
44												
45												
46												
47												

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Tenant Mode (LK 2)
No. 06 (Continued)

Tenant No.	CO/PBX Line Key No.											
	LK 13	LK 14	LK 15	LK 16	LK 17	LK 18	LK 19	LK 20	LK 21	LK 22	LK 23	LK 24
00												
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												
33												
34												

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**Tenant Mode (LK 2)
No. 06 (Continued)**

Tenant No.	CO/PBX Line Key No.											Tenant No.
	LK 13	LK 14	LK 15	LK 16	LK 17	LK 18	LK 19	LK 20	LK 21	LK 22	LK 23	
35												00
36												10
37												20
38												30
39												40
40												50
41												60
42												70
43												80
44												90
45												01
46												11
47												21
												31
												41
												51
												61
												71
												81
												91
												02
												12
												22
												32
												42
												52
												62
												72
												82
												92
												03
												13
												23
												33
												43

Continued on next page

Tenant Mode (LK 2)
Tenant Mode (LK 2)
No. 07

M.B. 2-07 **System Speed Dial Display Assignment**
 Specify whether or not confirmation of Speed Dial numbers and messages stored in System Speed Dial memory is allowed.

M.B.	2-07
Function	System Speed Dial Display Assignment
Default	All Speed Dial Confirmation Allowed
Selections	CO/PBX Line Key LED ON = Allow OFF = Deny
New Entry	Refer to table below.

Enter a check mark in the column(s) for each System Speed Dial group assigned as deny confirmation.

Tenant No.	System Speed Dial Group									
	00~09 or 000~099	10~19 or 100~199	20~29 or 200~299	30~39 or 300~399	40~49 or 400~499	50~59 or 500~599	60~69 or 600~699	70~79 or 700~799	80~89 or 800~899	Only 900~999
00										
01										
02										
03										
04										
05										
06										
07										
08										
09										
10										
11										
12										
13										
14										
15										
16										
17										
18										

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Tenant Mode (LK 2)
 No. 07 (Continued)

Tenant No.	System Speed Dial Group									
	00~09 or 000~099	10~19 or 100~199	20~29 or 200~299	30~39 or 300~399	40~49 or 400~499	50~59 or 500~599	60~69 or 600~699	70~79 or 700~799	80~89 or 800~899	Only 900~999
19										
20										
21										
22										
23										
24										
25										
26										
27										
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36										
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39										
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41										
42										
43										
44										
45										
46										
47										

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**Tenant Mode (LK 2)
No. 08**

M.B. 2-08 **ECR Relay to Tenant Assignment**
Specify which relays ring specific tenants.

M.B.	2-08
Function	ECR Relay to Tenant Assignment
Default	All Tenants: No Assignment
Selections	LK1 External Tone Relay 1 LK2 External Tone Relay 2 LK3 External Tone Relay 3 LK4 External Tone Relay 4 LK5 Night Chime LK6 No Assignment
New Entry	Refer to table below.

Enter the applicable data for each Tenant No.

Tenant No.	Data	Tenant No.	Data	Tenant No.	Data
00		16		32	
01		17		33	
02		18		34	
03		19		35	
04		20		36	
05		21		37	
06		22		38	
07		23		39	
08		24		40	
09		25		41	
10		26		42	
11		27		43	
12		28		44	
13		29		45	*
14		30		46	
15		31		47	

Tenant Mode (LK 2)
No. 08

M.J. 2-08
Specify which relays ring specific tenants
ECR Relay to Tenant Assignment

M.H.	Function	Default	Selections
2-08	ECR Relay to Tenant Assignment	All Tenants No Assignment	LK1 External Tone Relay 1 LK2 External Tone Relay 2 LK3 External Tone Relay 3 LK4 External Tone Relay 4 LK5 Night Chime LK6 No Assignment
			New Entry Refer to table below

Enter the applicable data for each Tenant No

Tenant No	Data	No	THIS PAGE INTENTIONALLY LEFT BLANK		Data	Tenant No
00		16				32
01		17				33
02		18				34
03		19				35
04		20				36
05		21				37
06		22				38
07		23				39
08		24				40
09		25				41
10		26				42
11		27				43
12		28				44
13		29				45
14		30				46
15		31				47

CO/PBX Line Mode (LK 3)
No. 00, 02, and 03

M.B. 3-00 Telephone Number to Trunk Assignment
 Specify the telephone numbers of the CO/PBX lines (13 digits maximum).

M.B. 3-02 Trunk Status Selection
 Specify whether a CO/PBX line is used for call origination and termination or termination only.

M.B. 3-03 Trunk-to-Trunk Group Assignment
 Assign trunks to each Trunk Group.

M.B.	3-00	3-02	3-03
Function	Telephone Number to Trunk Assignment	Trunk Status Selection	Trunk-to-Trunk Group Assignment
Default	Not Specified	Out & In	Refer to Chapter 2 (Programming) of the <i>Electra Professional Level II and II Advanced Installation Service Manual</i> .
Selections	0~9 (13 digits maximum)	Out & In In	Trunk Group No. 01~32
New Entry	Refer to table below.	Refer to table below.	Refer to table below.

Enter data or a check mark in applicable column.

CO Port.No. \ M.B.	3-00	3-02		3-03
	Telephone Number to Trunk Assignment	Out & In	In	Trunk-to-Trunk Group Assignment
01				
02				
03				
04				
05				
06				
07				*
08				
09				
10				

Continued on next page.

(3) CO/PBX Line Mode (LK 3)
No. 00, 02, and 03 (Continued)

CO Port No.	M.B.	3-00	3-02		3-03
		Telephone Number to Trunk Assignment	Trunk Status Selection		Trunk-to-Trunk Group Assignment
			Out & In	In	
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					

Continued on next page.

(3) CO/PBX Line Mode (LK 3)
No. 00, 02, and 03 (Continued)

CO Port No.	M.B.	3-00	3-02		3-03
		Telephone Number to Trunk Assignment	Trunk Status Selection		Trunk-to-Trunk Group Assignment
			Out & In	In	
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
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62					
63					
64					

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CO/PBX Line Mode (LK 3)
 (used) **No. 04, 05, and 06**

M.B. 3-04 **Trunk-to-Trunk Transfer Yes/No Selection**
 Specify whether or not to allow Trunk-to-Trunk transfer.

M.B. 3-05 **Trunk Incoming Answer Mode Selection**
 Specify the incoming answer mode (Normal, Automatic Trunk-to-Trunk Transfer, Automated Attendant/DISA).

M.B. 3-06 **Automatic Tandem Trunk Assignment**
 Specify the outgoing trunk number for each incoming trunk number to assign Automatic Trunk-to-Trunk Transfer.

M.B	3-04	3-05
Function	Trunk-to-Trunk Transfer Yes/No Selection	Trunk Incoming Answer Mode Selection
Default	No	Normal
Selections	No Yes	Normal Automatic Trunk-to-Trunk Transfer Automated Attendant/DISA
New Entry	Refer to table on next page.	Refer to table on next page.

M.B	3-06
Function	Automatic Tandem Trunk Assignment
Default	Not Specified
Selections	CO/PBX No. 01~64
New Entry	Refer to table on next page.

Continued on next page.

**CO/PBX Line Mode (LK 3)
No. 04, 05, and 06 (Continued)**

CO No.	M.B.	3-04	3-05	3-06
		Trunk-to-Trunk Transfer Yes/No Selection	Trunk Incoming Answer Mode Selection	Automatic Tandem Trunk Assignment
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				

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**CO/PBX Line Mode (LK 3)
No. 04, 05, and 06 (Continued)**

CO No.	M.B.	3-04	3-05	3-06
		Trunk-to-Trunk Transfer Yes/No Selection	Trunk Incoming Answer Mode Selection	Automatic Tandem Trunk Assignment
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
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63				
64				

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CO/PBX Line Mode (LK 3) No. 07 and 14

M.B. 3-07	CO/PBX Ringing Variation Selection Specify a ringing tone (Low, Medium, or High) for each outside line.	
M.B. 3-14	Tie/DID Line Type Assignment Specify the method of loop supervision for each of the Trunks associated with a Tie line.	

M.B.	3-07	3-14
Function	CO/PBX Ringing Variation Selection	Tie/DID Line Type Assignment
Default	Medium (M)	Second Dial Tone
Selections	Refer to table below.	Refer to table below.
New Entry	Refer to table below.	Refer to table below.

Enter a check mark in the applicable column.

	M.B.	3-07			3-14		
		CO/PBX Ringing Variation Selection			Tie/DID Line Type Assignment		
		Medium (M)	Low (L)	High (H)	Second Dial Tone	Immediate	Delayed
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							

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CO/PBX Line Mode (LK 3)
No. 07 and 14 (Continued)

CO No.	M.B.	3-07			3-14			
		CO/PBX Ringing Variation Selection			Tie/DID Line Type Assignment			
		Medium (M)	Low (L)	High (H)	2nd Dial Tone	Immediate	Delayed	Wink Start
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
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34								
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48								

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CO/PBX Line Mode (LK 3)
No. 15

M.B. 3-15 Trunk DTMF Duration/Interdigit Selection
 Specify the tone duration and interdigit time of DTMF signals.

M.B.	3-15	
Function	Trunk DTMF Duration/Interdigit Selection	
Default	D.D. (DTMF Digit Duration)	100 ms.
	I.T. (Interdigit Interval)	70 ms.
Selections	Refer to table below.	
New Entry	Refer to table below.	

Enter a check mark in the applicable column.

CO/PBX Line No.	D.D. 70 ms./ I.T. 60 ms.	D.D. 100 ms./ I.T. 70 ms.	D.D. 400 ms./ I.T. 100 ms.	D.D. 600 ms./ I.T. 100 ms.	D.D. 900 ms./ I.T. 200 ms.
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
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23					
24					

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(8) CO/PBX Line Mode (LK 3)
No. 15 (Continued)

CO/PBX Line No.	D.D. 70 ms./ I.T. 60 ms.	D.D. 100 ms./ I.T. 70 ms.	D.D. 400 ms./ I.T. 100 ms.	D.D. 600 ms./ I.T. 100 ms.	D.D. 900 ms./ I.T. 200 ms.
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
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60					
61					
62					
63					
64					

CO/PBX Line Mode (LK 3) No. 16

M.B. 3-16

Tie Line Prepause Time Selection

Specify the prepause time for when the originating side becomes capable of sending dial pulse or DTMF to a distant system.

M.B.	3-16
Function	Tie Line Prepause Time Selection
Default	0 sec.
Selections	<u>Expressed in seconds</u> 0 .5 1 1.5 2 3 4 5 6 7 8 9 10 11 12 13
New Entry	Refer to table below.

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**CO/PBX Line Mode (LK 3)
No. 17**

M.B. 3-17 Tie Line Answer Detect Time Selection
Specify the duration between the time when the receiving system answers and the time when it is recognized as an answer.

M.B.	3-17							
Function	Tie Line Answer Detect Time Selection							
Default	520 ms.							
Selections	<u>Expressed in milliseconds</u>							
	0	130	260	390	520	650	780	910
	1040	1170	1300	1430	1560	1690	1820	1950
New Entry	Refer to table below.							

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**CO/PBX Line Mode (LK 3)
No. 18**

M.B. 3-18

Tie Line Release Detect Time Selection

Specify the duration between the time when the circuit disconnection is detected on the Tie line on the distant system side and the time when it is recognized as Tie line release.

M.B.	3-18							
Function	Tie Line Release Detect Time Selection							
Default	520 ms.							
Selections	<u>Expressed in milliseconds</u>							
	0	130	260	390	520	650	780	910
	1040	1170	1300	1430	1560	1690	1820	1950
New Entry	Refer to table below.							

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49		65	
02		18		34		50		66	
03		19		35		51		67	
04		20		36		52		68	
05		21		37		53		69	
06		22		38		54		70	
07		23		39		55		71	
08		24		40		56		72	
09		25		41		57		73	
10		26		42		58		74	
11		27		43		59		75	
12		28		44		60		76	
13		29		45		61		77	
14		30		46		62		78	
15		31		47		63		79	
16		32		48		64		80	

*

**(CO/PBX Line Mode (LK 3)
No. 19**

M.B. 3-19

Tie Line/CO/PBX Incoming Signal Detect Time Selection

Specify the duration between the time when the incoming signal from another system is detected and the time when acknowledgement signal is sent out.

Note: Programming this Memory Block is dependent on Memory Block 3-14. If Second Dial Tone or Immediate Start is selected in that Memory Block, Signal Detect time is fixed at 30 ms.

M.B.	3-19							
Function	Tie Line/CO/PBX Incoming Signal Detect Time Selection							
Default	<u>Wink Start</u> 520 ms.	<u>Delay</u> 120 ms.	<u>COI</u> 200 ms.					
Selections	<u>Expressed in milliseconds</u>							
	<u>Wink Start</u>							
	0	130	260	390	520	650	780	910
	1040	1170	1300	1430	1560	1690	1820	1950
	<u>Delay Start</u>							
	0	30	60	90	120	150	180	210
	240	270	300	330	360	390	420	450
	<u>COI</u>							
	50	100	150	200	250	300	350	400
	450	500	550	600	650	700	750	800
New Entry	Refer to table below.							

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**(CO/PBX Line Mode (LK 3)
No. 20**

M.B. 3-20

Tie Line Loop Off-Guard Time Selection

Assign loop off-guard protection to prevent noise that may cause the system to be unable to answer an incoming Tie line.

Note: Programming this Memory Block is dependent on Memory Block 3-14. If Second Dial Tone or Immediate Start is selected in that Memory Block, Signal Detect time is fixed at 30 ms.

M.B.	3-20																
Function	Tie Line Loop Off-Guard Time Selection																
Default	2 sec.																
Selections	<p><u>Expressed in seconds</u></p> <table border="0"> <tr> <td>0</td><td>.5</td><td>1</td><td>1.5</td><td>2</td><td>3</td><td>4</td><td>5</td> </tr> <tr> <td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td> </tr> </table>	0	.5	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13
0	.5	1	1.5	2	3	4	5										
6	7	8	9	10	11	12	13										
New Entry	Refer to table below.																

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

CO/PBX Line Mode (LK 3) No. 21

M.B. 3-21

Tie Line Length of Wink Signal Selection
Specify the duration between the time the incoming signal from another Level II or Level II Advanced system is detected and the time the acknowledgement signal is sent out.

M.B.	3-21																
Function	Tie Line Length of Wink Signal Selection																
Default	180 ms.																
Selections	Expressed in milliseconds <table style="margin: auto; border: none;"> <tr> <td>30</td><td>60</td><td>90</td><td>120</td><td>150</td><td>180</td><td>210</td><td>240</td> </tr> <tr> <td>270</td><td>300</td><td>330</td><td>360</td><td>390</td><td>420</td><td>450</td><td>480</td> </tr> </table>	30	60	90	120	150	180	210	240	270	300	330	360	390	420	450	480
30	60	90	120	150	180	210	240										
270	300	330	360	390	420	450	480										
New Entry	Refer to table below.																

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

CO/PBX Line Mode (LK 3) No. 22

M.B. 3-22 Tie Line Length of Delay Signal Selection
Specify the time a delay pulse is sent to another system.

M.B. 3-21

M.B.	3-22															
Function	Tie Line Length of Delay Signal Selection															
Default	300 ms.															
Selections	<u>Expressed in milliseconds</u>															
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 12.5%;">0</td> <td style="width: 12.5%;">300</td> <td style="width: 12.5%;">600</td> <td style="width: 12.5%;">900</td> <td style="width: 12.5%;">1200</td> <td style="width: 12.5%;">1500</td> <td style="width: 12.5%;">1800</td> <td style="width: 12.5%;">2100</td> </tr> <tr> <td>2400</td> <td>2700</td> <td>3000</td> <td>3300</td> <td>3600</td> <td>3900</td> <td>4200</td> <td>4500</td> </tr> </table>	0	300	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	4200
0	300	600	900	1200	1500	1800	2100									
2400	2700	3000	3300	3600	3900	4200	4500									
New Entry	Refer to table below.															

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

CO/PBX Line Mode (LK 3) No. 23

M.B. 3-23 **Tie Line Outgoing Timeout Selection**
Specify the maximum time interval between the origination of an outgoing call and when the call is dropped.

M.B.	3-23	
Function	Tie Line Outgoing Timeout Selection	
Default	12 sec.	
Selections	<u>Expressed in seconds</u> No Limit 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	
New Entry	Refer to table below.	

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49		65	
02		18		34		50		66	
03		19		35		51		67	
04		20		36		52		68	
05		21		37		53		69	
06		22		38		54		70	
07		23		39		55		71	
08		24		40		56		72	
09		25		41		57		73	
10		26		42		58		74	
11		27		43		59		75	
12		28		44		60		76	
13		29		45		61		77	
14		30		46		62		78	
15		31		47		63		79	
16		32		48		64		80	

CO/PBX Line Mode (LK 3) No. 24

M.B. 3-24 **Tie Line Incoming Interdigit Timeout Selection**
Specify the maximum time interval during the incoming call detection process. If an address signal is not received within a specified time, an error tone is returned to the other system.

M.B.	3-24	
Function	Tie Line Incoming Interdigit Timeout Selection	
Default	6 sec.	
Selections	Expressed in seconds No Limit 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	
New Entry	Refer to table below.	

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

CO/PBX Line Mode (LK 3) No. 25

M.B. 3-25 **Tie Line Wink/Delay Signal Detect Timeout Selection**
Specify the maximum time for receiving an acknowledgement signal from a distant system before sending a busy tone.

M.B.	3-25	
Function	Tie Line Wink/Delay Signal Detect Timeout Selection	
Default	7 sec.	
Selections	<u>Expressed in seconds</u> No Limit 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	
New Entry	Refer to table below.	

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49		65	
02		18		34		50		66	
03		19		35		51		67	
04		20		36		52		68	
05		21		37		53		69	
06		22		38		54		70	
07		23		39		55		71	
08		24		40		56		72	
09		25		41		57		73	
10		26		42		58		74	
11		27		43		59		75	
12		28		44		60		76	
13		29		45		61		77	
14		30		46		62		78	
15		31		47		63		79	
16		32		48		64		80	

CO/PBX Line Mode (LK 3) No. 26

M.B. 3-26

Tie Line Outgoing Guard Time Selection

Specify the duration between the time when a Tie line is released and the time when the other side is notified of circuit disconnection.

M.B.	3-26																
Function	Tie Line Outgoing Guard Time Selection																
Default	3 sec.																
Selections	<p><u>Expressed in seconds</u></p> <table style="margin: auto; border: none;"> <tr> <td>0.02</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td> </tr> <tr> <td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td> </tr> </table>	0.02	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0.02	1	2	3	4	5	6	7										
8	9	10	11	12	13	14	15										
New Entry	Refer to table below.																

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**(CO/PBX Line Mode (LK 3)
No. 27**

M.B. 3-27

Tie Line Dial Tone Selection

Specify whether or not a dial tone is to be sent to the distant system for each CO/PBX Line number.

M.B.	3-27		
Function	Tie Line Dial Tone Selection		
Default	Yes		
Selections	Yes No		
New Entry	Refer to table below.		

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49		65	
02		18		34		50		66	
03		19		35		51		67	
04		20		36		52		68	
05		21		37		53		69	
06		22		38		54		70	
07		23		39		55		71	
08		24		40		56		72	
09		25		41		57		73	
10		26		42		58		74	
11		27		43		59		75	
12		28		44		60		76	
13		29		45		61		77	
14		30		46		62		78	
15		31		47		63		79	
16		32		48		64		80	

**CO/PBX Line Mode (LK 3)
No. 28**

M.B. 3-28

Tie Line Reorder Tone Selection

Specify whether or not to send a Reorder Tone to the originating station when the number of a distant system is used to originate a call over a Tie line.

M.B.	3-28
Function	Tie Line Reorder Tone Selection
Default	Yes
Selections	No (Not sending) Yes (Sending)
New Entry	Refer to table below.

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**CO/PBX Line Mode (LK 3)
No. 29**

M.B. 3-29 **Tie Line Internal Transmit Pad Selection**
Specify the volume level for calls originated from the extensions of a local system to a distant system.

M.B.	3-29	M.B.
Function	Tie Line Internal Transmit Pad Selection	Function
Default	2 dB	Default
Selections	2 dB 4 dB 6 dB 8 dB 12 dB 16 dB S1 S2 0 dB Note: Refer to Chapter 2 (Programming) of the <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> for information on options S1 and S2.	Selections
New Entry	Refer to table below.	New Entry

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49		65	
02		18		34		50		66	
03		19		35		51		67	
04		20		36		52		68	
05		21		37		53		69	
06		22		38		54		70	
07		23		39		55		71	
08		24		40		56		72	
09		25		41		57		73	
10		26		42		58		74	
11		27		43		59		75	
12		28		44		60		76	
13		29		45		61		77	
14		30		46		62		78	
15		31		47		63		79	
16		32		48		64		80	

**CO/PBX Line Mode (LK 3)
No. 30**

M.B. 3-30

Tie Line Internal Receive Pad Selection

Specify the volume level for calls coming in to extensions of a local system from a distant system.

M.B.	3-30		M.B.
Function	Tie Line Internal Receive Pad Selection		Function
Default	2 dB		Default
Selections	2 dB 4 dB 6 dB 8 dB 12 dB 16 dB S1 S2 0 dB		Selections
	<p>Note: Refer to Chapter 2 (Programming) of the <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> for information on options S1 and S2.</p>		
New Entry	Refer to table below.		New Entry

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49		65	
02		18		34		50		66	
03		19		35		51		67	
04		20		36		52		68	
05		21		37		53		69	
06		22		38		54		70	
07		23		39		55		71	
08		24		40		56		72	
09		25		41		57		73	
10		26		42		58		74	
11		27		43		59		75	
12		28		44		60		76	
13		29		45		61		77	
14		30		46		62		78	
15		31		47		63		79	
16		32		48		64		80	

CO/PBX Line Mode (LK 3) No. 31

M.B. 3-31

Tie Line External Transmit Pad Selection

Specify the volume level for outgoing calls of a local system to a distant system.

M.B.	3-31
Function	Tie Line External Transmit Pad Selection
Default	2 dB
Selections	2 dB 4 dB 6 dB 8 dB 12 dB 16 dB S1 S2 0 dB Note: Refer to Chapter 2 (Programming) of the <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> for information on options S1 and S2.
New Entry	Refer to table below.

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

CO/PBX Line Mode (LK 3) No. 32

M.B. 3-32

Tie Line External Receive Pad Selection

Specify a volume level for incoming calls from a distant system.

M.B.	3-32	
Function	Tie Line External Receive Pad Selection	
Default	2 dB	
Selections	2 dB 4 dB 6 dB 8 dB 12 dB 16 dB S1 S2 0 dB Note: Refer to Chapter 2 (Programming) of the <i>Electra Professional Level II and Level II Advanced Installation Service Manual</i> for information on options S1 and S2.	
New Entry	Refer to table below.	

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**CO/PBX Line Mode (LK 3)
No. 33**

M.B. 3-33

Disconnect Recognition Time Selection
Specify a minimum time before a disconnected circuit can be accessed again.

M.B.	3-33							
Function	Disconnect Recognition Time Selection							
Default	0.3 sec.							
Selections	<u>Expressed in seconds</u>							
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7
	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
New Entry	Refer to table below.							

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

CO/PBX Line Mode (LK 3) No. 38

M.B. 3-38

Automated Attendant Message to Trunk Selection
Assign the Automated Attendant Message on a per-CO/PBX Trunk basis.

M.B.	3-38
Function	Automated Attendant Message to Trunk Selection
Default	Message 1
Selections	Automated Attendant Messages 1~8 Note: Automated Attendant Messages 1~8 are customized messages per the user needs and can be programmed by the user or technician.
New Entry	Refer to table below.

Enter the applicable Message No. (1~8) for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**CO/PBX Line Mode (LK 3)
No. 40**

M.B. 3-40 Automatic Release Signal Detection Time Selection
Specify the signal detection time for automatic release of a CO/PBX line after a disconnect signal is received from the distant Central Office/PBX.

M.B.	3-40									
Function	Automatic Release Signal Detection Time Selection									
Default	350 ms.									
Selections	Expressed in milliseconds									
	0	50	100	150	200	250	300	350		
	400	450	500	550	600	650	700	No Limit		
New Entry	Refer to table below.									

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49		65	
02		18		34		50		66	
03		19		35		51		67	
04		20		36		52		68	
05		21		37		53		69	
06		22		38		54		70	
07		23		39		55		71	
08		24		40		56		72	
09		25		41		57		73	
10		26		42		58		74	
11		27		43		59		75	
12		28		44		60		76	
13		29		45		61		77	
14		30		46		62		78	
15		31		47		63		79	
16		32		48		64		80	
		33		49		65		81	
		34		50		66		82	
		35		51		67		83	
		36		52		68		84	
		37		53		69		85	
		38		54		70		86	
		39		55		71		87	
		40		56		72		88	
		41		57		73		89	
		42		58		74		90	
		43		59		75		91	
		44		60		76		92	
		45		61		77		93	
		46		62		78		94	
		47		63		79		95	
		48		64		80		96	
		49		65		81		97	
		50		66		82		98	
		51		67		83		99	
		52		68		84		100	

CO/PBX Line Mode (LK 3) No. 41

M.B. 3-41

Delay Announcement Assignment

Specify whether or not a Delay Announcement is sent to specific CO ports for Day and/or Night Mode.

M.B.	3-41	Setting Data		
Function	Delay Announcement Assignment	Line Key	LCD Indication	Delay Announcement
Default	NN (No Delay Announcement for all CO Port Nos.)	1	NN	No
Selections	Refer to Setting Data table.	2	YN	Day only
New Entry	Refer to table below.	3	NY	Night only
		4	YY	Day and Night

Enter assignment for each CO Port No.

CO Port No.	Setting Data	CO Port No.	Setting Data	CO Port No.	Setting Data	CO Port No.	Setting Data
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

CO/PBX Line Mode (LK 3) No. 42 and 43

M.B. 3-42 **DIT Assignment**
Specify the station where DIT calls terminate for Day Mode.

M.B. 3-43 **ANA Assignment**
Specify the station where DIT calls terminate for Night Mode.

M.B.	3-42	3-43
Function	DIT Assignment	ANA Assignment
Default	No Assignment	No Assignment
Selections	Station No. 2-Digit (00~99) 3-Digit (000~999) 4-Digit (0000~9999)	Station No. 2-Digit (00~99) 3-Digit (000~999) 4-Digit (0000~9999)
New Entry	Refer to table below.	Refer to table below.

Enter data for each CO Port No.

CO Port No.	Station No.		CO Port No.	Station No.		CO Port No.	Station No.		CO Port No.	Station No.	
	3-42 Day	3-43 Night		3-42 Day	3-43 Night		3-42 Day	3-43 Night		3-42 Day	3-43 Night
01			17			33			49		
02			18			34			50		
03			19			35			51		
04			20			36			52		
05			21			37			53		
06			22			38			54		
07			23			39			55		
08			24			40			56		
09			25			41			57		
10			26			42			58		
11			27			43			59		
12			28			44			60		
13			29			45			61		
14			30			46			62		
15			31			47			63		
16			32			48			64		

CO/PBX Line Mode (LK 3) No. 44

M.B. 3-44

Caller ID Display Assignment for CO/PBX Line
Assign a Multiline Terminal per CO/PBX line to display Caller ID indication on incoming CO/PBX calls.

M.B. 3-43

A/A Assignment

M.B. 3-43

Specify the station where DIT calls terminate for Night Mode.

M.B.	3-44	3-43	M.B.
Function	Caller ID Display Assignment for CO/PBX Line	DIT Assignment	Function
Default	Not Specified	No Assignment	Default
Selections	Tel Port No. 01~96	Station No. 3-Digit (00~99)	Selections
New Entry	Refer to table below.	Refer to table below.	New Entry

Enter data for each CO Port No.

Enter data for each CO Port No.

CO Port No.	Tel Port No.	CO Port No.	Tel Port No.	CO Port No.	Tel Port No.	CO Port No.	Tel Port No.	Station No.		CO Port No.
								3-43 Night	3-43 Day	
01		17		33		49				01
02		18		34		50				02
03		19		35		51				03
04		20		36		52				04
05		21		37		53				05
06		22		38		54				06
07		23		39		55				07
08		24		40		56				08
09		25		41		57				09
10		26		42		58				10
11		27		43		59				11
12		28		44		60				12
13		29		45		61				13
14		30		46		62				14
15		31		47		63				15
16		32		48		64				16

Live Recording Trunk Selection (LK 3)

No. 45

M.B. 3-45

Live Recording Trunk Selection

Specify Live Recording Service Mode or No Live Recording Service Mode on a per-trunk basis for Digital Voice Mail.

M.B.	3-45
Function	Live Recording Trunk Selection
Default	No
Selections	No (Deny) Yes (Allow)
New Entry	Refer to table on next page.

	01
	02
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CO/PBX Line Mode (LK 3)
No. 45 (Continued)

CO Port No.	M.B.	Live Recording Trunk Selection
01		
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07		
08		
09		
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CO Port No.	M.B.	Live Recording Trunk Selection
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**CO/PBX Line Mode (LK 3)
No. 91**

M.B. 3-91

Trunk Type Selection

(Trunk (Installed, DP/DTMF) Selection)

M.B. 3-91

Specify each external line as CO line, PBX/CTX, Tie/DID line, or CTX Assume-9.

M.B.	3-91	Function	Default	Selections	New Entry
Function	Trunk Type Selection				
Default	CO				
Selections	CO PBX/CTX	Tie/DID	CTX Assume-9		
New Entry	Refer to table below.				

Enter data for each CO/PBX Line No.

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

**CO/PBX Line Mode (LK 3)
No. 92**

M.B. 3-92 **Trunk (Installed, DP/DTMF) Selection**
Specify each line as DP (10 pps or 20 pps), DTMF, or not connected (NIL).

M.B.	3-92			
Function	Trunk (Installed, DP/DTMF) Selection			
Default	DTMF			
Selections	NIL	DP (10 pps)	DP (20 pps)	DTMF
New Entry	Refer to table below			

Enter data for each CO/PBX Line No.

CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry	CO/PBX Line No.	New Entry
01		17		33		49	
02		18		34		50	
03		19		35		51	
04		20		36		52	
05		21		37		53	
06		22		38		54	
07		23		39		55	
08		24		40		56	
09		25		41		57	
10		26		42		58	
11		27		43		59	
12		28		44		60	
13		29		45		61	
14		30		46		62	
15		31		47		63	
16		32		48		64	

Telephone Mode (LK 4)
(bas) **No. 01 and 02**

M.B. 4-01	CO/PBX Ring Assignment (Day Mode) Assign Multiline Terminals to ring on incoming CO/PBX calls in the Day Mode.
M.B. 4-02	CO/PBX Ring Assignment (Night Mode) Assign Multiline Terminals to ring on incoming CO/PBX calls in the Night Mode.

M.B.	4-01	4-02
Function	CO/PBX Ring Assignment (Day Mode)	CO/PBX Ring Assignment (Night Mode)
Default	Refer to table below.	Refer to table below.
Selections	CO/PBX Line LED: OFF = No Ring ON (green LED) = Immediate Ring ON (red LED) = Delayed Ring	CO/PBX Line LED: OFF = No Ring ON (green LED) = Immediate Ring ON (red LED) = Delayed Ring
New Entry	Refer to table on following pages.	Refer to table on following pages.

Software Version	Default	
	M.B. 4-01	M.B. 4-02
Series 100 and 200	Telephones connected to Port Nos. 01 and 02 ring on all incoming CO/PBX calls.	Telephones connected to Port Nos. 01 and 02 ring on all incoming CO/PBX calls.
	Telephones connected to Port Nos. 03~96 do not ring on any incoming CO/PBX calls.	Telephones connected to Port Nos. 03~96 do not ring on any incoming CO/PBX calls.
Series 250 or higher	Telephones connected to Port Nos. 01 and 02 ring on CO/PBX lines 01~08.	Telephones connected to Port Nos. 01 and 02 ring on CO/PBX lines 01~08.
	Telephones connected to Port Nos. 03~96 do not ring on any incoming CO/PBX calls.	Telephones connected to Port Nos. 03~96 do not ring on any incoming CO/PBX calls.

New Entries for M.B. 4-01 (D) and 4-02 (N):

Enter R (Ring) or D (delayed ring) for Day and/or Night Mode on a per-CO/PBX line basis for each Telephone Port No.

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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 01		CO 02		CO 03		CO 04		CO 05		CO 06		CO 07		CO 08	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 01		CO 02		CO 03		CO 04		CO 05		CO 06		CO 07		CO 08	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 01		CO 02		CO 03		CO 04		CO 05		CO 06		CO 07		CO 08	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 09		CO 10		CO 11		CO 12		CO 13		CO 14		CO 15		CO 16	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 09		CO 10		CO 11		CO 12		CO 13		CO 14		CO 15		CO 16	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																10
34																20
35																30
36																40
37																50
38																60
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59																72
60																82
61																92
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63																13
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 09		CO 10		CO 11		CO 12		CO 13		CO 14		CO 15		CO 16	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 17		CO 18		CO 19		CO 20		CO 21		CO 22		CO 23		CO 24	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 17		CO 18		CO 19		CO 20		CO 21		CO 22		CO 23		CO 24	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 17		CO 18		CO 19		CO 20		CO 21		CO 22		CO 23		CO 24	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 25		CO 26		CO 27		CO 28		CO 29		CO 30		CO 31		CO 32	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
01																
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 25		CO 26		CO 27		CO 28		CO 29		CO 30		CO 31		CO 32	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																10
34																20
35																30
36																40
37																50
38																60
39																70
40																80
41																90
42																01
43																11
44																21
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 25		CO 26		CO 27		CO 28		CO 29		CO 30		CO 31		CO 32	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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Telephone Mode (LK 4)
No. 01 and 02 (Continued)

Tel. Port No.	CO 33		CO 34		CO 35		CO 36		CO 37		CO 38		CO 39		CO 40	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 33		CO 34		CO 35		CO 36		CO 37		CO 38		CO 39		CO 40	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 33		CO 34		CO 35		CO 36		CO 37		CO 38		CO 39		CO 40	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 41		CO 42		CO 43		CO 44		CO 45		CO 46		CO 47		CO 48	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
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Telephone Mode (LK 4)
No. 01 and 02 (Continued)

Tel. Port No.	CO 41		CO 42		CO 43		CO 44		CO 45		CO 46		CO 47		CO 48	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																
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Telephone Mode (LK 4)
No. 01 and 02 (Continued)

Tel. Port No.	CO 41		CO 42		CO 43		CO 44		CO 45		CO 46		CO 47		CO 48	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
65																70
66																70
67																70
68																70
69																70
70																70
71																70
72																70
73																70
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92																71
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96																71

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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 49		CO 50		CO 51		CO 52		CO 53		CO 54		CO 55		CO 56	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
01																
02																
03																
04																
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 00 49		CO 00 50		CO 00 51		CO 00 52		CO 00 53		CO 00 54		CO 00 55		CO 56	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																33
34																34
35																35
36																36
37																37
38																38
39																39
40																40
41																41
42																42
43																43
44																44
45																45
46																46
47																47
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51																51
52																52
53																53
54																54
55																55
56																56
57																57
58																58
59																59
60																60
61																61
62																62
63																63
64																64

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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 49		CO 50		CO 51		CO 52		CO 53		CO 54		CO 55		CO 56	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
65																
66																
67																
68																
69																
70																
71																
72																
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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 57		CO 58		CO 59		CO 60		CO 61		CO 62		CO 63		CO 64	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
01																01
02																02
03																03
04																04
05																05
06																06
07																07
08																08
09																09
10																10
11																11
12																12
13																13
14																14
15																15
16																16
17																17
18																18
19																19
20																20
21																21
22																22
23																23
24																24
25																25
26																26
27																27
28																28
29																29
30																30
31																31
32																32

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**Telephone Mode (LK 4)
No. 01 and 02 (Continued)**

Tel. Port No.	CO 57		CO 58		CO 59		CO 60		CO 61		CO 62		CO 63		CO 64	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																10
34																20
35																30
36																40
37																50
38																60
39																70
40																80
41																90
42																01
43																11
44																21
45																31
46																41
47																51
48																61
49																71
50																81
51																91
52																02
53																12
54																22
55																32
56																42
57																52
58																62
59																72
60																82
61																92
62																03
63																13
64																23

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(Telephone Mode (LK 4)
No. 01 and 02 (Continued)

Tel. Port No.	CO 57		CO 58		CO 59		CO 60		CO 61		CO 62		CO 63		CO 64	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
65																
66																
67																
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Telephone Mode (LK 4)
No. 07 and 08

M.B. 4-07	Code Restriction Class Assignment (Day Mode) Assign code restriction class in Day Mode on a per-station basis.	
M.B. 4-08	Code Restriction Class Assignment (Night Mode) Assign code restriction class in Night Mode on a per-station basis.	
M.B.	4-07	4-08
Function	Code Restriction Class Assignment (Day Mode)	Code Restriction Class Assignment (Night Mode)
Default	All Stations = Class 00	All Stations = Class 00
Selections	Class 00~15	Class 00~15
New Entry	Refer to table below.	Refer to table below.

Enter Class No. in the applicable column.

Tel. Port No.	Class No.		Tel. Port No.	Class No.		Tel. Port No.	Class No.		Tel. Port No.	Class No.	
	M.B. 4-07 Day	M.B. 4-08 Night		M.B. 4-07 Day	M.B. 4-08 Night		M.B. 4-07 Day	M.B. 4-08 Night		M.B. 4-07 Day	M.B. 4-08 Night
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

Telephone Mode (LK 4)
No. 09, 10, 11, and 13

M.B. 4-09 Telephone to Tenant Assignment
 Specify tenant assignment on a per-station basis.

M.B. 4-10 Station Number Assignment
 Assign a Station Number to each telephone.

M.B. 4-11 Ringing Line Preference Selection
 Specify each station that can answer incoming CO/PBX calls by going off-hook.

M.B. 4-13 CO/PBX Busy Forward Station Assignment
 Specify up to two telephones to ring on a CO/PBX call at a busy ring assigned station.

M.B.	4-09	4-10
Function	Telephone to Tenant Assignment	Station Number Assignment
Default	All Telephones Tenant 00	100~399
Selections	Tenants 00~47	2-Digit 00~99 3-Digit 000~999 4-Digit 0000~9999
New Entry	Refer to table on next page.	Refer to table on next page.

M.B.	4-11	4-13
Function	Ringing Line Preference Selection	CO/PBX Busy Forward Station Assignment
Default	No	Not Specified
Selections	Yes No	Transfer 1 Transfer 2
New Entry	Refer to table on next page.	Refer to table on next page.

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**(4) Telephone Mode (LK 4)
No. 09, 10, 11, and 13 (Continued)**

Tel. No.	M.B.	4-09	4-10	4-11		4-13	
		Telephone to Tenant Assignment	Station Number Assignment	Ringing Line Preference Selection		CO/PBX Busy Forward Station Assignment	
				Yes	No	Transfer 1	Transfer 2
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
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**(Telephone Mode (LK 4)
No. 09, 10, 11, and 13 (Continued)**

M.B. Tel. No.	4-09	4-10	4-11		4-13	
	Telephone to Tenant Assignment	Station Number Assignment	Ringing Line Preference Selection		CO/PBX Busy Forward Station Assignment	
			Yes	No	Transfer 1	Transfer 2
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
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Telephone Mode (LK 4)
No. 09, 10, 11, and 13 (Continued)

Tel. No.	M.B.	4-09	4-10	4-11		4-13	
	Telephone to Tenant Assignment	Station Number Assignment	Ringing Line Preference Selection		CO/PBX Busy Forward Station Assignment		
			Yes	No	Transfer 1	Transfer 2	
75							
76							
77							
78							
79							
80							
81							
82							
83							
84							
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							37
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Telephone Mode (LK 4) No. 12

M.B. 4-12 Line Key Selection for Telephone Mode
Assign functions to each CO/PBX line key on tenant telephones specified as Telephone Specific mode.

M.B.	4-12
Function	Line Key Selection for Telephone Mode
Default	CO/PBX Line
Selections	<p>After entering a Tel. No. (01~96) and CO/PBX line key number, enter one of the following for each CO/PBX line key.</p> <ul style="list-style-type: none"> ● Not Specified (NON) ● CO/PBX line (CO 01~64) ● † Call Appearance (C) 01~24 ● Feature Access (FA 01~10) ● Trunk Group (TKGP 01~32) ● Route Advance Block (ADV 01~16) ● Secondary Incoming Extension (SIE 01~96) ● * Call Forward - All Calls (CFW All) On/Off ● * Call Forward - Busy/No Answer (CFW BNA) On/Off ● * Log On/Off ● † Call Arrival Keys (CAR) 01~88 ● Microphone (MIC) ● Headset (H SET) ● ‡ Scroll Key ● * BGM On/Off ● * DND, Break On/Off <p style="text-align: right; margin-right: 50px;"> † Series 250 or higher ‡ Series 400 or higher * Series 500 or higher </p>
New Entry	Refer to table below.

Tel. No.	CO/PBX Line Key No.	LK1	LK2	LK3	LK4	LK5	LK6	LK7	LK8	LK9	LK10	LK11	LK12
	01												
02													
03													
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Telephone Mode (LK 4)
No. 12 (Continued)

CO/PBX Line Key No.	LK1	LK2	LK3	LK4	LK5	LK6	LK7	LK8	LK9	LK10	LK11	LK12
19												
20												
21												
22												
23												
24												
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**Telephone Mode (LK 4)
No. 12 (Continued)**

CO/PBX Line Key No.	LK1	LK2	LK3	LK4	LK5	LK6	LK7	LK8	LK9	LK10	LK11	LK12
59												
60												
61												
62												
63												
64												
65												
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Telephone Mode (LK 4)
No. 12 (Continued)

CO/PBX Line Key No. Tel. No.	LK13	LK14	LK15	LK16	LK17	LK18	LK19	LK20	LK21	LK22	LK23	LK24
01												
02												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12												
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Telephone Mode (LK 4)
No. 12 (Continued)

CO/PBX Line Key No. Tel. No.	LK13	LK14	LK15	LK16	LK17	LK18	LK19	LK20	LK21	LK22	LK23	LK24
41												
42												
43												
44												
45												
46												
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49												
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Telephone Mode (LK 4)
No. 14, 15, 17, and 18

M.B. 4-14	Intercom Master Hunt Number Selection Assign whether or not a station number is a master intercom number.	M.B.
M.B. 4-15	Intercom Master Hunt Number Forward Assignment Assign the Station No. of the forward destination station for the Intercom Master Hunt Number.	
M.B. 4-17	Station to Class of Service Feature Assignment Specify Table 1 and Table 2 assignment for each port to enable or disable features on a per-station basis.	
M.B. 4-18	Station Name Assignment Assign names for the station users (maximum of 6 digits/characters).	

M.B.	4-14	4-15
Function	Intercom Master Hunt Number Selection	Intercom Master Hunt Number Forward Assignment
Default	No	All telephones not specified.
Selections	Yes No	2-Digit: 00~99 3-Digit: 000~999 4-Digit: 0000~9999
New Entry	Refer to table on next page.	Refer to table on next page.

M.B.	4-17	4-18
Function	Station to Class of Service Feature Assignment	Station Name Assignment
Default	Refer to table below.	Not specified.
Selections	Table 1 Table 2	Up to 6 digits/characters.
New Entry	Refer to table on next page.	Refer to table on next page.

Default - M.B. 4-17

Tel No.	Table No.	Setting Data
01	1 ATTN	Service Class 00
	2 STA	Service Class 00
02	1 ATTN	Service Class 00
	2 STA	Service Class 00
03	1 ATTN	Service Class 15
	2 STA	Service Class 00
f	f	f
96	1 ATTN	Service Class 15
	2 STA	Service Class 00

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(Telephone Mode (LK 4)
No. 14, 15, 17, and 18 (Continued)

Tel. Port No.	M.B.	4-14		4-15	4-17		4-18		
		Intercom Master Hunt Number Selection		Intercom Master Hunt Number Forward Assignment	Station to Class of Service Feature Assignment		Station Name Assignment		
		Yes	No		Table 1	Table 2			
01									
02									
03									
04									
05									
06									
07									
08									
09									
10									
11									
12									
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Telephone Mode (LK 4)
No. 14, 15, 17, and 18 (Continued)

Tel. Port No.	M.B.	4-14		4-15	4-17		4-18	
		Intercom Master Hunt Number Selection		Intercom Master Hunt Number Forward Assignment	Station to Class of Service Feature Assignment		Station Name Assignment	
		Yes	No		Table 1	Table 2	Yes	No
37								
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Telephone Mode (LK 4)

(based on No. 19)

M.B. 4-19 **Trunk Outgoing Restriction**
 Specify whether or not an outgoing call is restricted for a CO/PBX line on a per-station basis.

M.B.	4-19
Function	Trunk Outgoing Restriction
Default	Not Restricted
Selections	Restricted Not Restricted
New Entry	Refer to table below.

Enter a Y for Restricted or N for Not Restricted in the appropriate column.

CO Line Tel. No.	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
01																				
02																				
03																				
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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
22																				
23																				
24																				
25																				
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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
53																				
54																				
55																				
56																				
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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
84																				
85																				
86																				
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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
01																				
02																				
03																				
04																				
05																				
06																				
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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
34																				
35																				
36																				
37																				
38																				
39																				
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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
67																			0	
68																			0	
69																			0	
70																			0	
71																			0	
72																			0	
73																			0	
74																			0	
75																			0	
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89																			0	
90																			0	
91																			0	
92																			0	
93																			0	
94																			0	
95																			0	
96																			0	
																			0	
																			0	
																			0	

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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
01																				
02																				
03																				
04																				
05																				
06																				
07																				
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09																				
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31																				
32																				
33																				

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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
34																				
35																				
36																				
37																				
38																				
39																				
40																				
41																				
42																				
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65																				
66																				

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Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
67																				
68																				
69																				
70																				
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96																				

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(Telephone Mode (LK 4)
No. 19 (Continued)

CO Line Tel. No.	61	62	63	64
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				

CO Line Tel. No.	61	62	63	64
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
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51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				

CO Line Tel. No.	61	62	63	64
65				
66				
67				
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
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93				
94				
95				
96				

Telephone Mode (LK 4)

No. 20

M.B. 4-20

Off-Hook Voice Announcement Terminal Assignment

Specify whether or not to allow Off-Hook Voice Announcement capability for ETW-24DS-1 (BK)/(SW) telephones.

M.B.	4-20
Function	Off-Hook Voice Announcement Terminal Assignment
Default	No (Deny)
Selections	Yes (Allow) No (Deny)
New Entry	Refer to table below.

Enter Y to allow or N to deny Off-Hook Voice Announcement for each Tel. Port No.

Tel. Port No.	Allow	Tel. Port No.	Allow	Tel. Port No.	Allow	Tel. Port No.	Allow
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	

Telephone Mode (LK 4) No. 23

M.B. 4-23 Prime Line/Hot Line Assignment
Enables the station user to access various features when going off-hook.

M.B.	4-23
Function	Prime Line/Hot Line Assignment
Default	Not Specified
Selections	<p>For Prime Line, enter the Access Code for one of the following:</p> <ul style="list-style-type: none"> • Trunk • Trunk Group • Route Advance Block <p>For Hot Line, enter one of the following:</p> <ul style="list-style-type: none"> • Station Number • Access Code + Dial Number [Check Memory Blocks 1-1-46 and 1-1-47, Function Codes 063 and 064] • Speed Dial Access Code + Speed Dial Buffer Number
New Entry	Refer to table below.

Tel. No.	Prime Line	Hot Line
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Tel. No.	Prime Line	Hot Line
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		

Continued on next page.

**Telephone Mode (LK 4)
No. 23 (Continued)**

Tel. No.	Prime Line	Hot Line
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		

Tel. No.	Prime Line	Hot Line
69		
70		
71		
72		
73		
74		
75		
76		
77		
78		
79		
80		
81		
82		
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**Telephone Mode (LK 4)
No. 24**

M.B. 4-24

SLT Hookflash Assignment

Specify SLT hooking operation to either hold or disconnect the trunk.

M.B.	4-24	M.B.
Function	SLT Hookflash Assignment	Function
Default	HOLD	Default
Selections	HOLD DISC	Selections
New Entry	Refer to table below.	New Entry

Enter a check mark in the applicable column for each Tel. Port No.

Tel. Port No.	SLT Hookflash		Tel. Port No.	SLT Hookflash		Tel. Port No.	SLT Hookflash		Tel. Port No.	SLT Hookflash	
	HOLD	DISC		HOLD	DISC		HOLD	DISC		HOLD	DISC
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**Telephone Mode (LK 4)
No. 26**

M.B. 4-26

DISA ID Number Station Assignment
Assign the DISA ID Buffer Number to specific telephone port numbers.

M.B. 4-26

M.B.	4-26	Default	
Function	DISA ID Number Station Assignment	Telephone Port Number	DISA ID Buffer Number
Default	Refer to Default table.	01	01
Selections	Refer to Default table.	02	02
New Entry	Refer to table below.	f	f
		96	96

Enter the DISA ID Buffer Number that corresponds to the Tel. Port No.

Tel Port No.	DISA ID Buffer No.	Tel Port No.	DISA ID Buffer No.	Tel Port No.	DISA ID Buffer No.	Tel Port No.	DISA ID Buffer No.
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

**Telephone Mode (LK 4)
No. 28**

M.B. 4-28

Bilingual LCD Indication Selection

Specify which language is displayed.

HFU Selection

M.B. 4-28

M.B.	4-28	M.B.	M.B.
Function	Bilingual LCD Indication Selection	Function	HFU Selection
Default	ENG	Default	No
Selections	ENG JAPA	Selections	Yes No
New Entry	Refer to table below.	New Entry	Refer to table below.

Enter a check mark in the applicable column for each Tel. Port No.

Tel. Port No.	LCD Indication		Tel. Port No.	LCD Indication		Tel. Port No.	LCD Indication		Tel. Port No.	LCD Indication	
	ENG	JAPA		ENG	JAPA		ENG	JAPA		ENG	JAPA
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**Telephone Mode (LK 4)
No. 29**

M.B. 4-29

HFU Selection

Enable or disable the built-in Handsfree Unit on a per-station basis.

M.B. 4-28

M.B.	4-29			
Function	HFU Selection			
Default	No			
Selections	Yes No			
New Entry	Refer to table below.			

Enter a check mark in the applicable column.

Tel. Port No.	HFU Selection		Tel. Port No.	HFU Selection		Tel. Port No.	HFU Selection		Tel. Port No.	HFU Selection	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**Telephone Mode (LK 4)
No. 30**

M.B. 4-30

Hold/Transfer Recall Display Selection

Enable or disable Hold Recall indication on the display.

M.B.	4-30		
Function	Hold/Transfer Recall Display Selection		
Default	Yes		
Selections	Yes No		
New Entry	Refer to table below.		

Enter a check mark in the applicable column.

Tel. Port No.	Hold/Transfer Recall		Tel. Port No.	Hold/Transfer Recall		Tel. Port No.	Hold/Transfer Recall		Tel. Port No.	Hold/Transfer Recall	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**Telephone Mode (LK 4)
No. 31**

M.B. 4-31

Receiving Internal/All Call Page Selection

Specify whether or not the station can receive an internal page call on a per-station basis.

M.B.	4-31		
Function	Receiving Internal/All Call Page Selection		
Default	Yes		
Selections	Yes No		
New Entry	Refer to table below.		

Enter a check mark in the applicable column.

Enter a check mark in the applicable column.

Tel. Port No.	Receive Internal Page		Tel. Port No.	Receive Internal Page		Tel. Port No.	Receive Internal Page		Tel. Port No.	Receive Internal Page	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

Telephone Mode (LK 4)
No. 32

M.B. 4-32

Trunk Digit Restriction

Specify the maximum number of digits that can be dialed on an outside line on a per-station basis.

M.B.	4-32
Function	Trunk Digit Restriction
Default	00 (No Limit)
Selections	00, 01~99 digits
New Entry	Refer to table below.

Fill in the applicable data.

Tel Port No.	Trunk Digit Restriction	Tel Port No.	Trunk Digit Restriction	Tel Port No.	Trunk Digit Restriction	Tel Port No.	Trunk Digit Restriction
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

**Telephone Mode (LK 4)
No. 33 and 34**

M.B. 4-33

Fax Indication Station Assignment

Specify which telephone displays the FAX indication.

M.B. 4-34

Fax Indication Networking Assignment

Specify the station port that receives a fax message over a Tie line network.

M.B.	4-33	4-34
Function	Fax Indication Station Assignment	Fax Indication Networking Assignment
Default	00 for all ports	00 for all ports
Selections	00 (No Assignment) Port Nos. 01~96	00 (No Assignment) Port Nos. 01~96
New Entry	Refer to table below.	Refer to table below.

Enter a check mark in the applicable column.

Tel. Port No.	Fax Port No.		Tel. Port No.	Fax Port No.		Tel. Port No.	Fax Port No.		Tel. Port No.	Fax Port No.	
	M.B. 4-33	M.B. 4-34		M.B. 4-33	M.B. 4-34		M.B. 4-33	M.B. 4-34		M.B. 4-33	M.B. 4-34
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

Telephone Mode (LK 4)
No. 35

M.B. 4-35

Voice Mail/SLT Selection

Specify whether or not Voice Mail is to be interfaced with the Electra Professional Level II or Level II Advanced system for SLT ports.

M.B.	4-35		
Function	Voice Mail/SLT Selection		
Default	No		
Selections	Yes No		
New Entry	Refer to table below.		

Enter a check mark in the applicable column.

Tel. Port No.	Voice Mail		Tel. Port No.	Voice Mail		Tel. Port No.	Voice Mail		Tel. Port No.	Voice Mail	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**Telephone Mode (LK 4)
No. 36**

M.B. 4-36

Voice Prompt Selection

Specify whether or not to allow the Voice Prompt feature on a per-station basis.

M.B.	4-36
Function	Voice Prompt Selection
Default	No
Selections	Yes (allow) No (deny)
New Entry	Refer to table below.

Enter a check mark in the applicable column.

Tel. Port No.	Voice Prompt		Tel. Port No.	Voice Prompt		Tel. Port No.	Voice Prompt		Tel. Port No.	Voice Prompt	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

Telephone Mode (LK 4)
No. 37 and 38

M.B. 4-37	Extension Line Key Ring Assignment (Day Mode) Specify the ringing assignment on an incoming call to a line key in Day Mode.	
M.B. 4-38	Extension Line Key Ring Assignment (Night Mode) Specify the ringing assignment on an incoming call to a line key in Night Mode.	
M.B.	4-37	
Function	Extension Line Key Ring Assignment (Day Mode)	
Default	All Telephones: No Ring	
Selections	CO/PBX Line key LED: OFF = No Ring ON (green LED) = Immediate Ring ON (red LED) = Delayed Ring	
New Entry	Refer to table on following pages.	
M.B.	4-38	
Function	Extension Line Key Ring Assignment (Night Mode)	
Default	All Telephones: No Ring	
Selections	CO/PBX Line Key LED: OFF = No Ring ON (green LED) = Immediate Ring ON (red LED) = Delayed Ring	
New Entry	Refer to table on following pages.	
New Entries for M.B. 4-37 (D) and 4-38 (N):		
Enter R (Ring) or D (Delayed Ring) for Day and/or Night mode on a per-CO/PBX Line key basis for each Telephone Port No.		
		*

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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 1		LK 2		LK 3		LK 4		LK 5		LK 6		LK 7		LK 8	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																
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32																

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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 1		LK 2		LK 3		LK 4		LK 5		LK 6		LK 7		LK 8	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																33
34																34
35																35
36																36
37																37
38																38
39																39
40																40
41																41
42																42
43																43
44																44
45																45
46																46
47																47
48																48
49																49
50																50
51																51
52																52
53																53
54																54
55																55
56																56
57																57
58																58
59																59
60																60
61																61
62																62
63																63
64																64

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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 1		LK 2		LK 3		LK 4		LK 5		LK 6		LK 7		LK 8	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
65																
66																
67																
68																
69																
70																
71																
72																
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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 9		LK 10		LK 11		LK 12		LK 13		LK 14		LK 15		LK 16	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
01																01
02																02
03																03
04																04
05																05
06																06
07																07
08																08
09																09
10																10
11																11
12																12
13																13
14																14
15																15
16																16
17																17
18																18
19																19
20																20
21																21
22																22
23																23
24																24
25																25
26																26
27																27
28																28
29																29
30																30
31																31
32																32

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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 9		LK 10		LK 11		LK 12		LK 13		LK 14		LK 15		LK 16	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																33
34																34
35																35
36																36
37																37
38																38
39																39
40																40
41																41
42																42
43																43
44																44
45																45
46																46
47																47
48																48
49																49
50																50
51																51
52																52
53																53
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58																58
59																59
60																60
61																61
62																62
63																63
64																64

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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 9		LK 10		LK 11		LK 12		LK 13		LK 14		LK 15		LK 16	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
65																10
66																20
67																30
68																40
69																50
70																60
71																70
72																80
73																90
74																01
75																11
76																21
77																31
78																41
79																51
80																61
81																71
82																81
83																91
84																02
85																12
86																22
87																32
88																42
89																52
90																62
91																72
92																82
93																92
94																03
95																13
96																23

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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 17		LK 18		LK 19		LK 20		LK 21		LK 22		LK 23		LK 24	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
01																
02																
03																
04																
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07																
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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 17		LK 18		LK 19		LK 20		LK 21		LK 22		LK 23		LK 24	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
33																
34																
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37																
38																
39																
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**Telephone Mode (LK 4)
No. 37 and 38 (Continued)**

Tel. Port No.	LK 17		LK 18		LK 19		LK 20		LK 21		LK 22		LK 23		LK 24	
	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N
65																
66																
67																
68																
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71																
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Telephone Mode (LK 4) No. 39

M.B. 4-39

ADA (2) Ring Mode Assignment

Specify the ringing assignment for Single Line Telephones connected to Multiline Terminals via an ADA(2)-W (BK) Unit.

M.B.	4-39
Function	ADA (2) Ring Mode Assignment
Default	Station Number (only)
Selections	LK 1 - No Ringing LK 2 - Ring Station No. - only calls to the Multiline Terminal Station No. ring at the SLT. LK 3 - All Ring - all calls to the Multiline Terminal ring at the connected SLT.
New Entry	Refer to table below.

Enter N (No Ring), S (Station), or A (All) for each Tel. Port No.

Tel Port No.	ADA (2) Ring Mode	Tel Port No.	ADA (2) Ring Mode	Tel Port No.	ADA (2) Ring Mode	Tel Port No.	ADA (2) Ring Mode
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

Telephone Mode (LK 4) No. 40

M.B. 4-40

LCR Class Selection

Specify the class of LCR on a per-station basis.

M.B. 4-39

M.B.	4-40
Function	LCR Class Selection
Default	Class 0
Selection	Class 0 ~ 4
New Entry	Refer to table below.

Enter Class No. for each Tel. Port No.

Tel Port No.	Class No.	Tel Port No.	Class No.	Tel Port No.	Class No.	Tel Port No.	Class No.
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

Telephone Mode (LK 4) No. 41

M.B. 4-41

SIE/CAR Ringing Line Preference Selection
Specify whether to allow or deny Ringing Line Preference (go off-hook or press SPKR) on all telephones assigned with Secondary Incoming Extensions and/or Call Arrival Keys.

M.B.	4-41		M.B.
Function	SIE/CAR Ringing Line Preference Selection		Function
Default	Yes		Default
Selections	Yes (allow)	No (deny)	Selections
New Entry	Refer to table below.		New Entry

Enter a check mark in the applicable column.

Tel. Port No.	SIE/CAR Ringing Line		Tel. Port No.	SIE/CAR Ringing Line		Tel. Port No.	SIE/CAR Ringing Line		Tel. Port No.	SIE/CAR Ringing Line	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92	*	
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

Telephone Mode (LK 4) No. 42

M.B. 4-42

Call Forward-Busy Immediately/Delay Selection

Specify whether or not immediate forward or delay forward for a Call Waiting incoming call if the station is set for Call Forward Busy.

M.B.	4-42		
Function	Call Forward-Busy Immediately/Delay Selection		
Default	Yes		
Selections	Yes (Delay Forward) No (Immediately Forward)		
New Entry	Refer to table below.		

Enter a check mark in the applicable column.

Tel. Port No.	Immediately/Delay		Tel. Port No.	Immediately/Delay		Tel. Port No.	Immediately/Delay		Tel. Port No.	Immediately/Delay	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**Telephone Mode (LK 4)
No. 43**

M.B. 4-43 Station to Call Appearance Block Assignment
Specify the Call Appearance Block assigned to the station.

M.B.	4-43
Function	Station to Call Appearance Block Assignment
Default	All stations are assigned to Call Appearance Block 00
Selections	Call Appearance Blocks 00 ~ 47
New Entry	Refer to table below.

Enter the applicable Block No. for each Tel. Port No.

Tel Port No.	Block No. (00 ~ 47)	Tel Port No.	Block No. (00 ~ 47)	Tel Port No.	Block No. (00 ~ 47)	Tel Port No.	Block No. (00 ~ 47)
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

**(Telephone Mode (LK 4)
No. 44**

M.B. 4-44

Caller ID Outgoing CO Selection

Assign the Trunk Group, Route Advanced Group, or Closed Numbering Group that is seized for Caller ID Outgoing Calls. The Caller ID Scroll Key is used to access the Caller ID to be called.

M.B.	4-44
Function	Caller ID Outgoing CO Selection
Default	Not Specified
Selections	Refer to Memory Block 1-1-46 [Access Code (1-Digit) Assignment] for Access Code and Function Number assignments in <i>Level II and Level II Advanced Installation Service Manual</i> .
New Entry	Refer to table below.

Enter the applicable Access Code for each Tel. Port No.

Tel Port No.	Access Code	Tel Port No.	Access Code	Tel Port No.	Access Code	Tel Port No.	Access Code
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

Telephone Mode (LK 4) No. 90

M.B. 4-90

SLT Data Line Security Assignment

Assign each SLT Port No. as normal (SLT/VM) or data (Fax/Modem).

M.B.	4-90
Function	SLT Data Line Security Assignment
Default	SLT NORM
Selection	SLT NORM SLT DATA
New Entry	Refer to table below.

Enter a check mark in the applicable column.

Tel. Port No.	SLT		Tel. Port No.	SLT		Tel. Port No.	SLT		Tel. Port No.	SLT	
	Norm	Data		Norm	Data		Norm	Data		Norm	Data
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

Telephone Mode (LK 4) No. 91

M.B. 4-91

Telephone Ringing Variation Selection

Specify ringing tone frequency for each station in the system.

M.B.	4-91
Function	Telephone Ringing Variation Selection
Default	Medium (M)
Selection	Low (L) Medium (M) High (H)
New Entry	Refer to table below.

Enter a check mark in the applicable column.

Tel. Port No.	Telephone Ringing Variation Selection			Tel. Port No.	Telephone Ringing Variation Selection		
	Low (L)	Medium (M)	High (H)		Low (L)	Medium (M)	High (H)
01				21			
02				22			
03				23			
04				24			
05				25			
06				26			
07				27			
08				28			
09				29			
10				30			
11				31			
12				32			
13				33			
14				34			
15				35			
16				36			
17				37			
18				38			
19				39			
20				40			

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Telephone Mode (LK 4)
No. 91 (Continued)

M.B. 4-92 Receiving Volume Selection
Specify whether or not the receiving volume is returned to normal (down) or kept up on a call after hanging up.

Tel. Port No.	Telephone Ringing Variation Selection		
	Low (L)	Medium (M)	High (H)
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			

Tel. Port No.	Telephone Ringing Variation Selection		
	Low (L)	Medium (M)	High (H)
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			

Telephone Mode (LK 4) No. 92

M.B. 4-92

Receiving Volume Selection

Specify whether or not the receiving volume is returned to normal (down) or kept up on a call after hanging up.

M.B.	4-92
Function	Receiving Volume Selection
Default	Down
Selections	Down Up
New Entry	Refer to table below.

Enter a check mark in the applicable column.

Tel. Port No.	Receiving Volume		Tel. Port No.	Receiving Volume		Tel. Port No.	Receiving Volume		Tel. Port No.	Receiving Volume	
	Down	Up		Down	Up		Down	Up		Down	Up
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

Telephone Mode (LK 4)
No. 93

M.B. 4-93

Internal Zone Paging Selection

Specify an internal page zone for each station.

M.B.	4-93
Function	Internal Zone Paging Selection
Default	No
Selection	No Zone A Zone B Zone C
New Entry	Refer to table below.

Enter a check mark in the applicable column.

Tel. Port No.	Internal Zone Paging			
	No	A	B	C
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Tel. Port No.	Internal Zone Paging			
	No	A	B	C
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				

Continued on next page.

Telephone Mode (LK 4)
No. 93 (Continued)

Tel. Port No.	Internal Zone Paging			
	No	A	B	C
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				
66				
67				
68				

Tel. Port No.	Internal Zone Paging			
	No	A	B	C
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
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95				
96				

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**(Telephone Mode (LK 4)
No. 94**

M.B. 4-94

3-Minute Alarm Selection

Specify whether a warning signal is generated at 3-minute intervals during an incoming or outgoing call on a per-station basis.

M.B.	4-94	
Function	3-Minute Alarm Selection	
Default	No	
Selections	Yes No	
New Entry	Refer to table below.	

Enter a check mark in the applicable column.

Tel. Port No.	3-Minute Alarm		Tel. Port No.	3-Minute Alarm		Tel. Port No.	3-Minute Alarm		Tel. Port No.	3-Minute Alarm	
	Yes	No		Yes	No		Yes	No		Yes	No
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**(Telephone Mode (LK 4)
No. 95**

M.B. 4-95 DTMF/DP SLT Type Selection
Specify the type of SLT (DTMF or DP) that is connected.

M.B.	4-95		
Function	DTMF/DP SLT Type Selection		
Default	DTMF		
Selections	DP DTMF		
New Entry	Refer to table below.		

Enter a check mark in the applicable column.

Tel. Port No.	Type of SLT		Tel. Port No.	Type of SLT		Tel. Port No.	Type of SLT		Tel. Port No.	Type of SLT	
	DP	DTMF		DP	DTMF		DP	DTMF		DP	DTMF
01			25			49			73		
02			26			50			74		
03			27			51			75		
04			28			52			76		
05			29			53			77		
06			30			54			78		
07			31			55			79		
08			32			56			80		
09			33			57			81		
10			34			58			82		
11			35			59			83		
12			36			60			84		
13			37			61			85		
14			38			62			86		
15			39			63			87		
16			40			64			88		
17			41			65			89		
18			42			66			90		
19			43			67			91		
20			44			68			92		
21			45			69			93		
22			46			70			94		
23			47			71			95		
24			48			72			96		

**(Trunk Group Mode (LK 5)
No. 00**

M.B. 5-00 Digit Add/Del for Tie Line Networking
Specify the number of digits to be added to or deleted from the telephone number sent from a distant system over Tie lines.

M.B.	5-00		M.B.
Function	Digit Add/Del for Tie Line Networking		Function
Default	000		Default
Selection	000	No Add or Delete	Selection
	001~009	1~9 Digit(s) Added	
	010	0 Digits Added	
	100~199	00~99 Digits Added	
	201	1 Digit Deleted	
	202	2 Digits Deleted	
	301~309	1 Digit Deleted and 1~9 Digits Added	
	310	1 Digit Deleted and 0 Digits Added	
	400~499	1 Digit Deleted and 00~99 Digits Added	
	501~509	2 Digits Deleted and 1~9 Digits Added	
New Entry	510	2 Digits Deleted and 0 Digits Added	New Entry
	600~699	2 Digits Deleted and 00~99 Digits Added	
	Refer to table below.		

Fill in the column with applicable data.

Trunk Group No.	New Entry	Trunk Group No.	New Entry
01		17	
02		18	
03		19	
04		20	
05		21	
06		22	
07		23	
08		24	
09		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	
16		32	

Trunk Group Mode (LK 5) No. 01

M.B. 5-01

Tie Line Networking Tandem Connection Assignment

Specify whether or not Trunk Groups connected to the system allow incoming Trunk Groups to be connected to outgoing Trunk Groups for tandem connections.

M.B.	5-01	
Function	Tie Line Networking Tandem Connection Assignment	
Default	On	
Selection	On (enabled) Off (disabled)	
New Entry	Refer to table below.	

Fill in the column with applicable data.

Trunk Group No. (Incoming)	Trunk Group No. (Outgoing)															
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																
15																
16																

Continued on next page.

Trunk Group Mode (LK 5)
No. 01 (Continued)

Trunk Group No. (Incoming)	Trunk Group No. (Outgoing)															
	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																

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Trunk Group Mode (LK 5)
No. 01 (Continued)

Trunk Group No. (Incoming)	Trunk Group No. (Outgoing)															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																

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(3) Trunk Group Mode (LK 5) T
No. 01 (Continued)

Trunk Group No. (Incoming)	Trunk Group No. (Outgoing)															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
25																
26																
27																
28																
29																
30																
31																
32																

Trunk Group No.	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																
15																
16																*

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Trunk Group Mode (LK 5)

(beum No. 02 .oM)

M.B. 5-02 8-Digit Matching Table to Trunk Group Assignment
Assign each of the 16, 8-Digit Matching Tables to each Trunk Group.

M.B.	5-02	Trunk Group No. (Account)
Function	8-Digit Matching Table to Trunk Group Assignment	28
Default	On	28
Selection	On (enabled) Off (disabled)	27
New Entry	Refer to table below.	28
		29
		30
		31
		32

Fill in the column with applicable data.

8-Digit Matching Table / Trunk Group No.	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
01																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																
15																
16																*

Continued on next page.

Trunk Group Mode (LK 5)
No. 02 (Continued)

Trunk Group No. \ 8-Digit Matching Table	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																

																03
																04
																05
																06
																07
																08
																09
																10
																11
																12
																13
																14
																15
																16

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Trunk Group Mode (LK 5)

(how) No. 03

M.B. 5-03

OCC Table to Trunk Group Assignment

Assign each of the 16 OCC Tables to each Trunk Group.

M.B.	5-03
Function	OCC Table to Trunk Group Assignment
Default	On
Selection	On (enabled) Off (disabled)
New Entry	Refer to table below.

Fill in the column with applicable data.

Trunk Group No.	OCC Table	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
	01																
02																	
03																	
04																	
05																	
06																	
07																	
08																	
09																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	*

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**Trunk Group Mode (LK 5)
No. 03 (Continued)**

Trunk Group No.	OCC Table	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
	17																
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
32																	

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Trunk Group Mode (LX 8)
(continued)

Trunk Group No.	Table	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27																	
28																	
29																	
30																	
31																	
32																	

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**KTU Mode (LK 7)
No. 1**

M.B. 7-1

Card Interface Slot Assignment

Specify the type of KTU installed in each slot in the KSU.

M.B.	7-1		
Function	Card Interface Slot Assignment		
Default	Not Applicable		
Selection	COI-F(4)-20/30	LLT-F(2G)-10	ECR-F-11
	COI-F(8)-20/30	TLI-F(2)-10	VRS-F(4)-11
	ESI-F(8)-21	DID-F(4)-10	DTI-F()-10/DTI-F(A)-20
	SLI-F(8G)-21	ESP-F-11	MIF-F()-10
		PBR-F(4)-11	
New Entry	Refer to table below.		

Enter the KTU selection for the applicable slot. (Fixed slots are indicated under KTU Assignment in the following tables.)

Level II System

KSU	Slot	KTU Assignment
	Option	_____
	CPU	CPU-F()-20 KTU [Fixed]
	IF 1/OP 1	_____
ESF-SB-10	IF 2/OP 2	_____
	IF 3/OP 3	_____
	IF 4/OP 4	_____
	IF 5	_____
	IF 6	_____
ESF-SE-10	IF 7	_____
	IF 8	_____

Continued on next page.

KTU Mode (LK 7)
No. 1 (Continued)

Level II Advanced System

KSU	Slot	KTU Assignment
	Option	N/A
	Option	N/A
	MMC	MMC-F-11 KTU [Fixed]
	IF 1/OP 1	
	IF 2/OP 2	
ESF-XE-10	IF 3/OP 3	
	IF 4/OP 4	
	IF 5	
	IF 6	
	IF 7	
	IF 8	
	Option	
	Option	
	MMC	MMC-F-11 KTU [Fixed]
	IF 1/OP 1	
	IF 2/OP 2	
ESF-XE-10	IF 3/OP 3	
	IF 4/OP 4	
	IF 5	
	IF 6	
	IF 7	
	IF 8	
	Option	
	Option	
	MMC	CPU-F (10)-20 KTU [Fixed]
	IF 1/OP 1	
	IF 2/OP 2	
ESF-XB-10	IF 3/OP 3	
	IF 4/OP 4	
	IF 5	
	IF 6	
	IF 7	
	IF 8	

**KTU Mode (LK 7)
No. 2**

M.B. 7-2

Telephone Type Assignment

Specify the type of device that is connected to an ESI-F(8)-21 KTU.

M.B.	7-2		
Function	Telephone Type Assignment		
Default	Telephone		
Selection	Non (none) DSS Console	Telephone SLT Adaptor	Digital Voice Mail
New Entry	Refer to table below.		

Enter the applicable data for each ESI Port No.

ESI Port No.	Device Type	ESI Port No.	Device Type	ESI Port No.	Device Type	ESI Port No.	Device Type
01		25		49		73	
02		26		50		74	
03		27		51		75	
04		28		52		76	
05		29		53		77	
06		30		54		78	
07		31		55		79	
08		32		56		80	
09		33		57		81	
10		34		58		82	
11		35		59		83	
12		36		60		84	
13		37		61		85	
14		38		62		86	
15		39		63		87	
16		40		64		88	
17		41		65		89	
18		42		66		90	
19		43		67		91	
20		44		68		92	
21		45		69		93	
22		46		70		94	
23		47		71		95	
24		48		72		96	

**KTU Mode (LK 7)
MIF (LK 3)
No. 00, 01, 02, 03, and 04**

- M.B. 7-3-00 MIF (ACD) Assignment**
Enables the ACD function and allows the assignment of KTU order for an MIF-F(A)-10 KTU.
- M.B. 7-3-01 MIF (LCR) Assignment**
Enables the LCR function and allows the assignment of KTU order for an MIF-F(L)-10 KTU.
- M.B. 7-3-02 MIF (SMDR) Assignment**
Enables the SMDR function and allows the assignment of KTU order for an MIF-F(S)-10 KTU.
- M.B. 7-3-03 MIF (UCD) Assignment**
Enables the UCD function and allows the assignment of KTU order for an MIF-F(U)-10 KTU.
- M.B. 7-3-04 MIF (Caller ID) Assignment**
Enables the Caller ID function and allows the assignment of KTU order for an MIF-F(C)-10 KTU.

M.B.	7-3-00	7-3-01
Function	MIF (ACD) Assignment	MIF (LCR) Assignment
Default	No Assignment (00)	No Assignment (00)
Selection	00~02	00~02
New Entry		

M.B.	7-3-02	7-3-03
Function	MIF (SMDR) Assignment	MIF (UCD) Assignment
Default	No Assignment (00)	No Assignment (00)
Selection	00~02	00~02
New Entry		

M.B.	7-3-04
Function	MIF (Caller ID) Assignment
Default	No Function (00)
Selection	00~02
New Entry	

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