

Strata® *DK40*

System Record Sheets

Publication Information

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Contents

Introduction

Conventions	v
-------------------	---

Initialisation & Test

Program 91-9 System Initialisation	1
Program 90 Initialise Programs 00~*99	1
Program 91-1 Automatic PCB Recognition and Port Renumber	2
Program 91-2 Data Transfer from Temporary Memory to Working Memory	2
Program 92 Initialising Misc. Backup RAM	3
Program 00 Software Check	4

System & Station

Program 01 Station Logical Port Display and/or Change.....	5
Program 02 Station Physical Port Display and/or Change	5
Program 03 for DK40 Flexible PCB Slot Assignments	6
Program 04 Station Logical Port [PDN] Assignment.....	7
Program 05 Flexible Access Code Numbering.....	8
Program 09 Built-in Auto Attendant Prompt / Station Assignments.....	10
Program *09 DDI Digit Translation (Groups 000~069).....	11
Program 10-1 System Assignments, Part 1 of 5	12
Program 10-2 System Assignments, Part 2 of 5	13
Program 10-3 System Assignments, Part 3 of 5	14
Program 10-5 System Assignments, Part 5 of 5	15
Program *11 Called Party Number Routing Tables	16
Program 12 System Assignments, Basic Timing.....	17
Program *12 System Assignments, Basic Timing.....	18
Program 13 Defining the Message Centre	19
Program 15 Assigning Exchange Line Attributes	20
Program *15 Exchange Line Tenant Assignments.....	21
Program 16 Assign Exchange Line Groups (or Dial 9).....	22
Program *16 Assigning Earth Recall Signalling to Exchange Lines	23
Program 17 Tie Line Options	24
Program *17 DDI Intercept Port Number (Vacant or Wrong Number)	25
Program 19 Alternate Background Music Source Slot Assignment.....	26
Program 23 Built-in Auto Attendant (AA) Primary Announcement Assignments	27
Program 24 Built-in AA Secondary Announcement Assignments	27

Program 25-1 Built-in AA Incoming Call Overflow Time	28
Program 26 Built-in AA Camp-on Busy Time.....	29
Program 27 DKT Handset/Headset Receiver Volume Level.....	30
Program 28 DSS Console/Attendant Telephone Assignments	31
Program 29-1~3 DSS Console and Number Button Assignments.....	32
Program 29 - Initialised Default DSS Console Button Assignments	33
Program *29 Add-on Modules Button Assignments.....	34
Program *29 - Initialised Default Add-on Modules Button Assignments.....	35
Program 30 Station Class of Service	36
Program *30 Telephone Group Page Assignments.....	37
Program 31 Station Class of Service	38
Program *31 Group Pickup Assignments	39
Program 32 Automatic Preference	40
Program 33 [PDN] Station Hunting (Voice Calls Only).....	41
Program 34 Hold Recall Timing	42
Program 35 Station Class of Service	43
Program 36 Fixed Call Forward	44
Program 37 Ring Transfer (Camp-on) Recall Time.....	45
Program 38 Digital and Electronic Telephone Keystrip Type	46
Assignments for 2000-Series Digital Telephone Keystrips.....	47
Assignments for Electronic Telephone Keystrips.....	48
Program 39 Flexible Button Assignments.....	50
Directory Number Button Assignments.....	51
Program 40 Station Exchange Line Access.....	53
Program 41 Station Outgoing Call Restriction.....	54
Program 42-0 Exchange Line to PBX Connection.....	55
Program 42-1~8 PBX Access Codes.....	56
Program *42-1 Primary Clock Timing Source Reference (TBSU/RBSU/RPTU).....	57
Program *42-2 Secondary Clock Timing Source Reference (TBSU/RBSU/RPTU).....	57
Program *43-1 Outgoing Digit Translation Enable/Disable (Tie Lines)	58
Program *43-2 Outgoing Digit Translation Assignment (Tie Lines)	59
Program 44-91~93 Emergency Bypass of Forced/Verified Account Codes.....	60
Program *44-1 Incoming Digit Translation Enable/Disable (Tie Lines).....	60
Program *44-2 Incoming Digit Translation - Digit Deletion (Tie Lines).....	61
Program *44-3 Incoming Digit Translation (Tie Lines)	62
Program *45-01 ~ 20 Unused Extension Number Digit Translation Tables	63
Program *49 Systemwide Station Lock ID Code Digit Length.....	64
Program 60-2~6 & 9 SMDR Output/Account Code Digit Length.....	65
Program 60-8 Call Forward External (Remote Change, Security ID Code).....	66
Program *60 TBSU/RBSU/RBSS Circuit Operation (NT or TE)	67
Program 61-1 Fault Test Report Destination.....	68
Program 61-2 Fault Test Run Time.....	68
Program 61-3 Fault Test Report Time.....	68
Program 61-41 Fault Test Message 1	69
Program 61-42 Fault Test Message 2.....	69
Program 61-43 Fault Test Message 3.....	69

Program *61-1 Analogue to ISDN2 Bearer Service Request.....	70
Program *61-2 Transmission Pad Adjustments (Analogue to Digital)	71
Program *61-3 Reception Pad Adjustments (Analogue to Digital)	72
Program *62-1 Extension to ISDN2 Channel Bearer Service Request	73
Program *62-2 Transmission Pad Adjustments (Analogue Extension to ISDN2 Channel).....	74
Program *62-3 Reception Pad Adjustments (Analogue Extension to ISDN2 Channel)	75
Program *63-1 Dialed Sub-Address Timeout	76
Program *63-2 Outdialling Inter Digit Pause	76
Program 69 Verified Account Codes.....	77
Program 70 Verified Account Code Toll Restriction Assignments	78
Program 71 Day 1 - (Immediate) - Incoming DDI Exchange Line Station Ringing Assignments	79
Program 72 Day 1 - (12 Second Delay) - Incoming DDI Exchange Line Station Ringing Assignments	81
Program 73 Day 1 - (24 Second Delay) - Incoming DDI Exchange Line Station Ringing Assignments	83
Program 74 Day 2 - (Immediate) - Incoming DDI Exchange Line Station Ringing Assignments	85
Program 75 Night -(Immediate)- Incoming DDI Exchange Line Station Ringing Assignments..	87
Program 76-1 DDI Group Alpha-Tagging Assignments	89
Program 76-1 DDI Group Alpha-Tagging Assignments (cont)	91
Program 77-1 Peripheral Options (Door Phones).....	92
Program 77-2 Door Phone Busy Signal/Door Lock Assignments	93
Program 77-3 Tenant Night Ringing Over PIOUS External Page Zones.....	94
Program 78 Exchange Line Special Ringing Assignments	95
Program 79 Door Phone Ringing.....	96
Program 80 EKT and DKT Ringing Tones (Exchange Line Calls)	97
Programs 81~89 Exchange Line/Station/AA Ringing Assignments	98
Program 93 Exchange Line Identification	99
Program 97 Printing Program Data through SMDR.....	101

Toll Restriction

Program 44-1~4 Toll Restriction/ Travelling Class Override Codes	103
Program 45-1 LCR/Toll Restriction Dial Plan	104
Program 45-2 Toll Restriction Disable	105
Program 45-8~9 Toll Restriction Override Code	106
Programs 46-11~41 Toll Restriction Class (1~4) Parameters	107
Program 46-2~4 Toll Restriction Allowed/Denied STD/International Codes Assigned by Class	108
Program 46-6~8 Toll Restriction Allowed/Denied Local Codes Assigned by Class	110
Program 47 Toll Restriction Exception Codes (Tables 01~08).....	112
Program 48 Station Toll Restriction Classification (Day Mode)	113
Program 49 Station Toll Restriction Classification (Night Mode)	114

Least Cost Routing

LCR Exchange Line Programming	115
Program 50-1 LCR Parameters	116
Program 50-300 ~ 319 LCR Exception/Override Code Tables	117
Program 50-5 LCR Local Call Routing Selection.....	118
Program 50-6 LCR Dial 0 (Zero) Time-out	118
Program 50-900 ~ 919 LCR Exception/Override Code Route Plan Assignment	119
Program 51 LCR Local/STD/International Codes Route Plan Assignment Plans 01 ~ 08.....	120
Program 53 LCR Schedule Assignments for LCR Plans	122
Program 54 LCR Route Definition Tables	124
Program 55 LCR Modified Digits Tables	126
Program 55-0 Delete Number of Digits From the Front of Dialed Number.....	126
Program 55-1 and 2 Add Digits Before and/or After the Dialed Number	127
Program 56 LCR Station Group Assignments	128

Automatic Call Distribution

Program 03 PIOU, PIOUS ACD/MIS Slot Assignments.....	129
Program 09 Auto Attendant Prompt/ACD Group Assignments	130
Program *09 ACD Group Tie Line Digit Assignments (070~077)	131
Program 10-4 ACD Parameters.....	132
Program *10 ACD Group DDI Ringing Assignments	133
Program 11 ACD Timing Assignments	134
Program 14-0 Loop Start Line Direct to ACD Group Assignments	135
Program 14-1 ACD Agent Identification Code Assignments	135
Program *14-1 Auto Answer with Zip Tone Assigned to Agent ID.....	136
Program 18 Agent Names for SMIS/MIS Assignments.....	137
Program 14-2 ACD Supervisor Passwords	141
Program *14-2 Tie Line After Shift/Overflow Substitution Destinations	142
Program 14-3 Announcement/Music Port and Queue Pattern	143
Program 14-4 Queue Time Out Overflow Destination	144
Program 14-5 Overflow Point and Ring No Answer Routing Destination	145
Program 14-6 After Shift Service Destination	146
Program 14-71 Queue Size for Alarm, Immediate Assignments	147
Program 14-72 Queue Size for Alarm 1	148
Program 14-73 Queue Size for Alarm 2.....	149
Program 14-8 Alarm Pattern Assignments.....	150
Program 14-9 Work Unit Assignments	151
Program 39 Flexible Button Assignments for ACD Telephones	152
Program 76-2 ACD Group DDI Alpha-Tagging Assignments	154
How to Set the Date.....	157
How to Set the Time.....	157
Setting System Time.....	157

Introduction

These record sheets enable you to program the Strata DK40 digital business telephone systems. They are intended for qualified service technicians and system programmers.

Record sheets *and* detailed information about each program can be found in the *Strata DK40 Programming Manual*. The *DK Installation and Maintenance Manual* also contains useful information. Both of these books can also be found on the *Strata DK Library CD-ROM*.

Conventions

These record sheets use these conventions:

Note Elaborates specific items or reference other information. Within some tables, General Notes apply to the entire table and numbered Notes apply to specific items.

Important! *Calls attention to important instructions or information.*

CAUTION! **Advises you that hardware, software applications or data could be damaged if the instructions are not followed closely.**

WARNING! Alerts you when the given task could cause personal injury or death.

- Extra Bold** represents telephone buttons.
- [DN] any Directory Number button (also known as an Extension or Intercom Number).
- [PDN] Primary Directory Number button (the Extension or Intercom Number for the telephone).
- Courier** shows a computer keyboard entry or screen display. “Type” indicates entry of a string of text. “Press” indicates entry of a single key.
- Example of both: Type **prog** then press **Enter**.

- + shows a multiple PC keyboard or phone button entry. Entries without spaces between them show a simultaneous entry.

Example: **Delete+Enter**.

Entries with spaces between them show a sequential entry.

Example: **# + 5**.

- ~ means “through”.

► denotes the step in a one-step procedure.

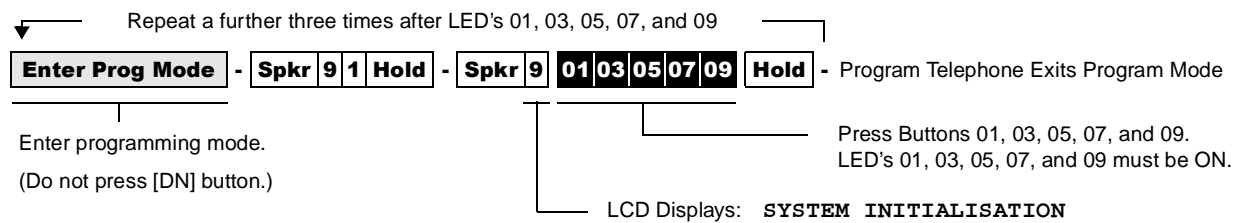
■ **03** used in a programming sequence to denote a variable LED button. A number on the black button represents a specific LED button.

- indicates continuation of a series of numbers entered.

Program 91-9 System Initialisation

Program Type: *Initialisation*

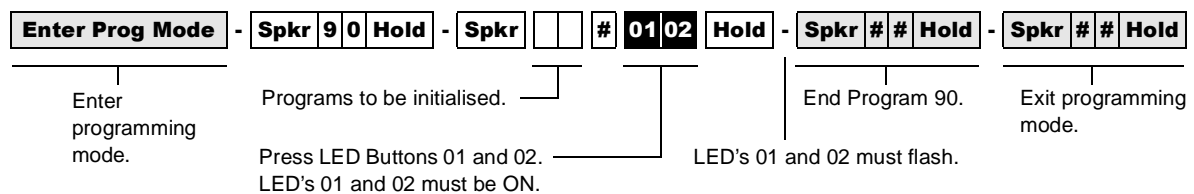
Initialised Default: *None*



Program 90 Initialise Programs 00~*99

Program Type: *Initialisation*

Initialised Default: *None*

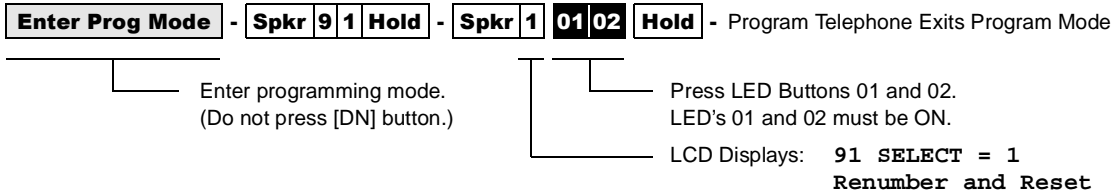


Program 91-1

Automatic PCB Recognition and Port Renumber

Program Type: *Initialisation*

Initialised Default: *None*

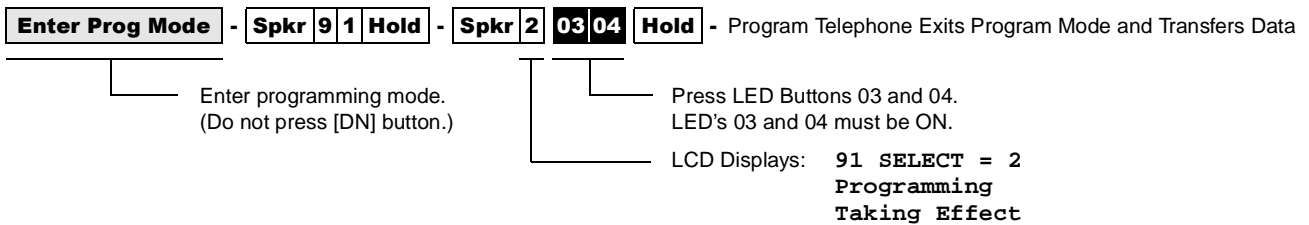


Program 91-2

Data Transfer from Temporary Memory to Working Memory

Program Type: *Initialisation*

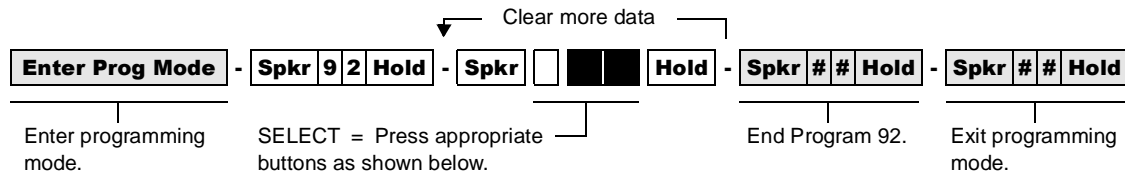
Initialised Default: *See individual programs*



Program 92 Initialising Misc. Backup RAM

Program Type: *Initialisation - Includes: Initialising Speed Dial Number, VM ID Codes, Character Message Memory, Timed Reminders, Digital Telephone Volume, Call Forward Backup RAM, and Station Lock Codes*

Initialised Default: *None*



- 1** **01 03** Clears Station Speed Dial, Voice Mail ID Codes, and LCD memos assigned to Station Speed Dial numbers.
- 2** **01 04** Clears System Speed Dial and LCD memos assigned to System Speed Dial numbers.
- 3** **02 03** Clears Character Message Memory (Station and System) and User Name/Number Display.
- 4** **02 04** Clears Timed Reminders.
- 5** **01 05** Resets digital telephone volume levels to initialised settings, specifically, speaker volume levels for Internal Calls [DN], Tone/BGM, Busy Override (muted ring), and Ring volume to approximately mid-range on all DKTs. Program 92-5 does not affect digital telephone handset receiver volume levels. Use Program 27 to set off-hook digital telephone handset receiver volume levels.
- 6** **02 04** Clears all Lock ID codes that have been set.
- 8 1** **02 05** Creates Reference Table. Every time a new PCB or additional extension is installed or the slot configuration is adjusted Program 92-81 must run to update the reference table for fault diagnostics.
- 8 2** **03 05** Manual Test and Print via SMDR.
- 9** **03 04** **Hold**

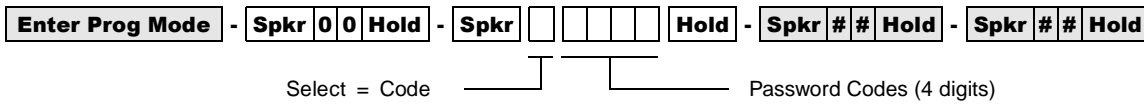
Power OFF 5 seconds; then Power ON

 Clears Call Forward and Message Waiting Memory (all stations). Program 92-9 does not affect Call Forward External or Fixed Call Forward settings.

Program 00 Software Check

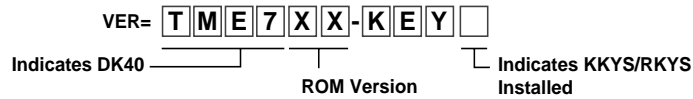
Program Type: Test - Includes: Remote Maintenance Security Code Assignments

Initialised Default: Select = Code = 3 Data = 04 (UK and Ireland A Law Set)



Select = Code	Item	Password or S/W Check Codes	LCD Display
0	ROM Version (not programmable)		Version =
1	1st Level Password		Password =
2	2nd Level Password		Password =
3	UK and Ireland (A Law)		Data = 04
8	Software RAM Checksum (not programmable)		Sum =
9	Power Cycle Counter (not programmable)		Counter =

1830



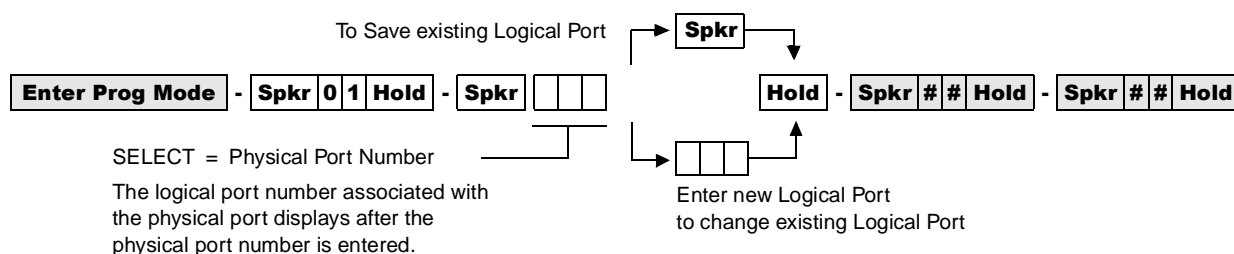
DKT LCD Display	TMAU Type
TME7	DK40

Key Type	Description
KEY 1	Indicates Auto Attendant (KKYS Installed)
KEY 2	ACD: Indicates Automatic Call Distribution software and AA (RKYS2 installed).
KEY 3	ACD/MIS: Indicates Automatic Call Distribution, Management Information System Software, plus AA and ACD (RKYS3 installed).

Program 01 Station Logical Port Display and/or Change

Program Type: Station

Initialised Default: Logical port number = physical port number
Program 90, 91-1, or 91-9 initialises Program 01

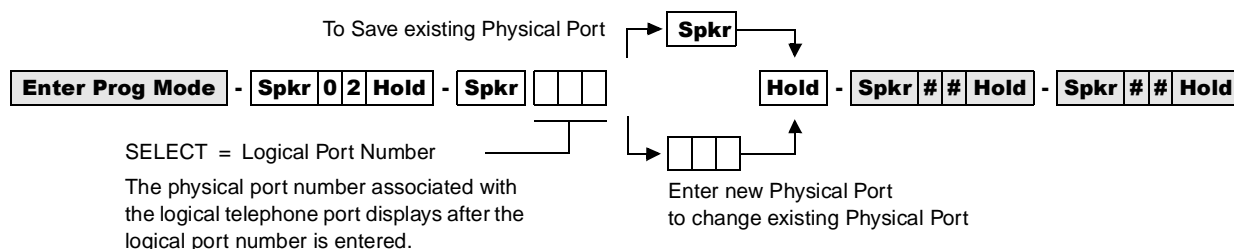


Processor	[PDN] Port Range
DK40	000-027

Program 02 Station Physical Port Display and/or Change

Program Type: Station

Initialised Default: Logical port number = physical port number
Program 90, 91-1, or 91-9 initialises Program 02

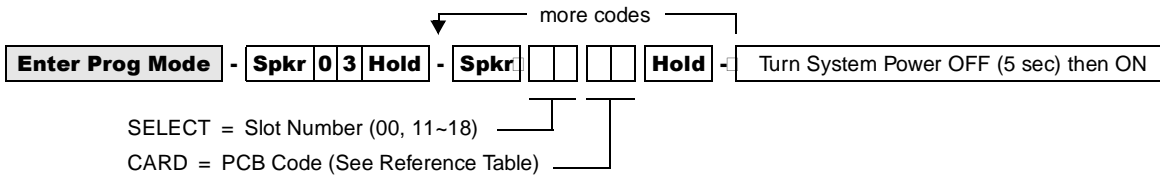


Processor	[PDN] Port Range
DK40	000-027

Program 03 for DK40 Flexible PCB Slot Assignments

Program Type: System

Initialised Default: PCB codes of PCBs installed prior to running Program 91-1 or Program 91-9
Code 00 for empty slots (15~18), Base KSU has codes for PCBs



DK40 Base KSU

	TMAU	DKU	TCOU or TBSU	KSTU3	TCIU2
Slot Number	00	11	12	13	14 ¹
PCB Code	91 or 98	61, 62 or 64	00, 11 or 77	00 or 31	N/A
PCB Type					
Options					
Station/Tie/ DDI Port Numbers					
Exchange/Tie/ DDI Line Numbers					

DK40 Expansion KSU

Cabinet Label	04	05	06	07
Slot Number	15	16	17	18
PCB Code				
PCB Type				
Options				
Station/Tie/DDI Port Numbers				
Exchange/Tie/ DDI Line Numbers				

¹ Not currently available in the UK.

PCB Code Reference Table

PCB Fixed Slot	Code	Ports/Type
Common Control	91	None
Common Control with K5RCU	98	5 DTMF Receivers
PIOU/PIOUS/PEPU	41	Remote Maintenance TTY
PEKU	21	8 EKT
PEKU with DSS	23	8 EKT
KSTU3/RSTU2/ Stratagy DK	31	4 SLT/8 SLT/8VM
TCOU/PCOU	11	4/Exch. Lines
Base Unit DKT Ccts and PDKU	61	8 DKT
Base Unit DKT Ccts & PDKU w/ OCA	62	8 DKT
Base Unit DKT Ccts and PDKU with DSS (w/ or w/o OCA)	64	8 DKT
PACU	14	4AC15 Tie Lines
PEMU	13	4DC5 Tie Lines
PIOU/PIOUS + MIS	42	MIS for ACD (TTY)
RPTU	76	ISDN30 (12 CHANNELS)
TBSU/RBSU	77	2CCT ISDN2 (TE or NT)
RBSU + RBSS	78	2CCT ISDN2 (2CCT TE or NT + 2CCT NT ONLY)
None	00	None

Program 04 Station Logical Port [PDN] Assignment

Program Type: Station

Initialised Default: Station Numbers 10 - 37

Enter Prog Mode - **Spkr 0 4 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number(s) [PDN] (1~4 digits)
(see table below)

Logical Ports
(Initialised)

Expansion Slot Configuration Record: Slot 15 _____ Slot 16 _____ Slot 17 _____ Slot 18 _____

Physical Ports	Extension Location/Station Type	Logical Ports	[PDNs] (Initialised)	Port Type for Different Base Configurations						
				TCOU or TBSU (TE)	TCOU or TBSU (TE) + KTSU	TBSU (1 x CCT NT)	TBSU (1 x CCT NT) + KSTU	TBSU (2 X CCT NT)	TBSU (2 X CCT NT) +KSTU	
000		000	(10)	Base Slot 11 8 - Digital Telephone Ports	Base Slot 11 8 - Digital Telephone Ports	Base Slot 11 8 - Digital Telephone Ports	Base Slot 11 8 - Digital Telephone Ports	Base Slot 11 8 - Digital Telephone Ports	Base Slot 11 8 - Digital Telephone Ports	
001		001	(11)							
002		002	(12)							
003		003	(13)							
004		004	(14)							
005		005	(15)							
006		006	(16)							
007		007	(17)							
008		008	(18)	Expansion Slots 15~18	Base Slot 13 4 KSTU Ports	Base Slot 12 2 Ports NT (CCT1 or 2)	Base Slot 12 2 Ports NT (CCT1 or 2)	Base Slot 12 4 Port NT CCT's 1~4	Base Slot 12 4 Ports NT CCT's 1~4	
009		009	(19)							
010		010	(20)		Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18
011		011	(21)							
012		012	(22)							
013		013	(23)							
014		014	(24)							
015		015	(25)							
016		016	(26)							
017		017	(27)							
018		018	(28)	Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18	Expansion Slots 15~18	
019		019	(29)							
020		020	(30)							
021		021	(31)							
022		022	(32)							
023		023	(33)							
024		024	(34)							
025		025	(35)							
026		026	(36)							
027		027	(37)							

Note Expansion slots 15~18.

Program 05 Flexible Access Code Numbering

Program Type: System

Initialised Default: See record sheet

Enter Prog Mode - **Spkr 0 5 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Access Code (1~9)
See the table below for standard access codes.

SPECIAL DIAL = New Access Codes
The first digit of access codes can be replaced by 2 digits.
Press LED Button 01 to enter blanks.

Default Access Code	Features Affected (N/A = Not Affected/ Cannot Change)	New Access Codes
0	Unused	
1	Voice First/Tone First (Dial 1-N/A) Door Phones: (#151~#159; #161~#163) IMDU (#19) Default [PDNs] (see Program 04)	Station LCD Messages (10~19-N/A) Station Speed Dial Set (10~49-N/A)
2	Default [PDNs] (see Program 04) Busy Override (Dial 2-N/A) Do Not Disturb Override (Dial 2-N/A)	Off-hook Call Announce (2-N/A)
3	Default [PDNs] (see Program 04) Executive Override (Dial 3-N/A) All Call Voice Page (#30) All Call Voice Page with External Spkrs (#39)	External Page Zones 1~4 (#35~#38) Group Page (Internal) (#311~#314)
4	Automatic Callback (Dial 4-N/A) Exchange Line Queuing (Dial 4-N/A) Station Number Display (#401) Port Number Display (#402) Hold (#41) Hold Pickup (#42) Automatic Busy Redial (Cnf + #44) Automatic Busy Redial Cancel (Int + #44) Message Waiting Answer (#408) Standard telephone Redial (44) or dial # for feature access code Recall (Cnf + #45) Account Code Input (Cnf + #46)	T.R. Override/T. Class Code Input (Cnf + #47) BGM Over Stations ON (#481) BGM Over Stations OFF (#480) BGM Over External Speakers ON (#491)(Station Port 000 only) BGM Over External Speakers OFF (#490)(Station Port 000 only) Cancel Message Waiting at Station (#409) Retrieve Message Waiting (#408) Access Code/Speed Dial Prefix (44 or #) To store an Exchange line or feature access code in Speed Dial memory from two wire phones without the Speed Dial and Redial buttons, enter 44 + 7XXX instead of # + 7XXX. Start Key Trace #489 (Station Port 000 only) Stop Key Trace #488 (Station Port 000 only) Cancel Auto Call Back (#43) Re-Enter Trunk to Trunk (#482)

Default Access Code	Features Affected (N/A = Not Affected/ Cannot Change)		New Access Codes
5	Call Pickup Station (#5+Station No.), Ringing Exchange or DDI line (#59) Directed Pickup of Exchange Line on Hold (#5+#7 XXX, XXX = 001~012), Pick-up External Page (#5 +#30 or for Zone Page #5+#35~#38)	Selected Group Pickup (#5+#320~#339) Own Group(s) Pickup (#5+#34) Pickup Ringing Line (#59)	
6	Call Forward (#601, #602, #603, #604) Timed Reminder (#605~#609) M/W for Voice Mail ON (#63+Station No.) M/W for Voice Mail OFF (#64+Station No.) Voice Mail ID Code Set (Call Fwd, #656) Voice Mail ID Code Set (Ans. MW, #657) LCD Message Set (#68) DKT Mute Ring Adjust (#6101) DKT Ring Level Adjust (#6102) Port Swap/Station Relocation OFF (#6281) Station Relocation ON (#6282) Logical Port Swap ON (#6283) Call Forward Ext Set or Remote Change Code (#670) Date Set (#651) Time Set (#652) Weekday Set (#653)	T.R. Override Code Change (#654, #655) System Speed Dial (N/A 600~699) LCD User Name (#621-Set, #620-Reset) TR dial plan Set #650 DISA Security Code Change (#658) Verified Account Code Change (#659) System LCD Messages (N/A 60-99) Travelling Class Code 1~8 Change (#691~#698) Logical Port Swap (#627 + Destination Intercom No.) Physical Port Calling (#629 + Physical Port No.) Set ID Lock Code (#673) Reset Lock ID Code (#674) LCR Auth Codes 1-8 Set (#6751~#6758) DDI Group Alpha Tagging (#671)ACD GROUP Alpha Tagging (#672)	
7	Exchange Line Outgoing Calls (#7001~#7012) To store a Exchange line or feature access code in Speed Dial memory from rotary telephones or telephones without the Speed Dial and Redial buttons, enter 44 + 7XXX instead of # + 7XXX. Message Waiting Set/Cancel (N/A) (7) (77)		
8	Exchange Group Outgoing Calls (801~808)		
9	Least Cost Routing or Exchange Group (9)		

Program 09

Built-in Auto Attendant Prompt / Station Assignments

Program Type: System and ACD

Initialised Default: Initialised Data is blank

Enter Prog Mode - **Spkr 0 9 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Prompt
Press prompt number offered to caller. First or second digit.

AUTO ATT DIAL = (1~4 digits)
Enter the station numbers, [PDNs], or #4 plus the ACD Group No. which will receive Auto Attendant calls. Could be * if establishing the first digit.
Press LED Button 01 to delete data.

Processor	ACD Group Numbers
DK40	01-08

Dialled Digit (Menu Prompts)	Station Number (PDN)	Department, Division, Etc.
0		
1 ¹		
2 ¹		
3 ¹		
4		
5		
6		
7		
8		
9		

¹ Do not use digits 1, 2, and 3, unless the station numbering plan is changed. These numbers conflict with the default station [PDNs] of the system.

Program *09

DDI Digit Translation (Groups 000~069)

Program Type: Station

Initialised Default: Initialised Data is blank

Enter Prog Mode - **Spkr * 0 9 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Group No.

To add a group range, enter XXX*XXX (low group * high group). (Do not press # after entering a group range.) Then enter the lowest DDI Ext. number as the first Ext. number in

DIAL = DDI Extension Number (1~4 digits)

Press LED Button 01 to erase extension numbers.

Group Number	DDI Extension Number (1-4 Digits)
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	
014	
015	
016	
017	
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	
028	
029	

Group Number	DDI Extension Number (1-4 Digits)
030	
031	
032	
033	
034	
035	
036	
037	
038	
039	
040	
041	
042	
043	
044	
045	
046	
047	
048	
049	
050	
051	
052	
053	
054	
055	
056	
057	
058	
059	


Group Number	DDI Extension Number (1-4 Digits)
060	
061	
062	
063	
064	
065	
066	
067	
068	
069	

Program 10-1 System Assignments, Part 1 of 5

Program Type: System

Initialised Default: LED's 01, 03, 07, 08, 09, 18 and 19 are ON

Enter Prog Mode - Spkr 1 0 Hold - Spkr 1 █ Hold - Spkr # # Hold - Spkr # # Hold

SELECT = 1  Light the LED Buttons that are marked with an X in the table below.

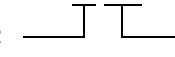
Button/ LED	X	LED ON	LED OFF
20		Two-Exchange Line Conference/ Allowed	Not Allowed Two-Exchange line Conference must be allowed for Tandem Line, DISA and CF-EXT external routing operation. Also See Program 15, Code 5.
19		Conference/Allowed	Not Allowed
18		Ring Detect Time-Normal	Ring Detect Time-Short Rings
17		Station to Station Call Volume PAD (-8db)	No Station to Station Call PAD
16-12		Not Used	Not Used
11		ABR 7 times every 120 seconds.	ABR 5 times every 60 seconds.
10		System Speed Dial Override, Toll Restriction	Restricted
09		Exclusive Hold/Allowed	Not Allowed
08		Alternate Point Answer	Transfer Privacy
07		Ring Transfer of Exchange Line Allowed	Not Allowed If Ring Transfer is allowed, set Ring Transfer Recall time in Program 37; if ring transfer is not allowed (LED 07 off), the station will recall immediately if transfer is attempted.
06		Exchange Line Repeat Ringing	Standard Ring Standard ring pattern is 1 sec. on, 3 sec. off.
05		Incoming Call Abandon 8 sec.	6 sec.
04		Exchange Line DTMF Signal Time 160 msec.	80 msec. LED 04 DTMF Signal Time applies to manual and speed dial tones sent out of the system via Exchange lines. This applies when dialling from any Toshiba telephone, including the 2000-series Digital Telephone. LED 04 does not apply to Call Forward or Voice Mail ID DTMF tones sent to voice mail ports. (See Program 10-2, LED 06, for tones sent to Voice Mail ports.)
03		Dial Pulse Make Ratio 33%	40%
02		Exchange Line Re-seize time 1.5 sec. per Program 42-0	Exchange Line delay Re-seize guard time 0.45 secs. Exchange line guard time is the time interval the system requires to release an Exchange line and re-seize it. If LED 02 is off, all lines are set with 0.45 second guard time; if LED is on, guard time is 0.45 or 1.5 seconds per Program 42-0.
01		Tone First (from SLTs, DKTs and EKTs)	Voice First (from SLTs, DKTs and EKTs)

Program 10-2 System Assignments, Part 2 of 5

Program Type: System

Initialised Default: LED's 01, 02, 14, 15, and 16 are ON

Enter Prog Mode - **Spkr 1 0 Hold** - **Spkr 2** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 2  Light the LED Buttons that are marked with an X in the table below.


Button/ LED	X	LED ON	LED OFF
20		Padded DTMF Tone Return When Dialling	DTMF/No DTMF Per Prog 10-2, LED 11
19		Not used	Not used
18		Trunk to Trunk Volume Increase 6db	No Trunk to Trunk Volume Increase
17		"TRNS" Soft Key—Immediate	"TRNS" Soft Key—Normal
16		Executive Override Warning Tone/ON	Executive Override Warning Tone/OFF
15		External Page included with All Call Page	Not Included
14		Privacy Override Warning Tone/ON	Privacy Override Warning Tone/OFF
13		Send Auto Callback Camp-on Tone	No Callback Tone. Called party receives notification tone when calling party activates Auto Call Back.
12		Exchange Line 3 min Beep Tone	No Beep Tone
11		No VMID DTMF Tone Return When Dialling	VMID DTMF tone return when dialling
10			BGM Source connected to PSTU/RSTU
09			BGM Source connected to PSTU/RSTU
08		Elapsed Time Display 1 min. After Access or Answer of an Exchange line	Elapsed Time Display 15 sec. After Access or Answer of an Exchange Line
07		Standard Tel. Exchange Ring per Prog. 10-1, LED 06	Standard Tel. Exchange Ring Distinctive
06		VM ID Code DTMF Signal Time 80 ms	160 ms
05		Not used	Not used
04		MW cancel from VM: dial #64 + [DN]	MW cancel from VM: Automatic When Answer
03		3 Ringing Modes	2 Ringing Modes
02		Hunt/C.F. override from DSS console's phone	Hunt/C.F. override from DSS console
01		Tone First (from DSS Console)	Voice First (from DSS Console)

Program 10-3 System Assignments, Part 3 of 5

Program Type: *System*

Initialised Default: *All LED's OFF*

Enter Prog Mode - **Spkr 1 0 Hold** - **Spkr 3** █ **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 3  Light the LED Buttons that are marked with an X in the table below.

Button/ LED	X	LED ON	LED OFF
20		Not Used	Not Used
19		Speed Dial Entry Timeout- 3 minutes	Speed Dial Entry Timeout - 1 minute
18		Auto Attendant: Normal Ringing Pattern After Camp-on	Auto Attendant: Back to Announcement After Camp-on
17		Auto Attendant: Ring Before Disconnect time	Auto Attendant: Ring Before Disconnect time
16		Auto Attendant: Ring Before Disconnect time	Auto Attendant: Ring Before Disconnect time
15		Auto Attendant: Sends MOH to Caller	Auto Attendant: Sends RBT to Caller
14		Not Used	Not Used
13		Not Used	Not Used
12		Not Used	Not Used
11		Not Used	Not Used
10		Not Used	Not Used
09		Not Used	Not Used
08			
07			
06			
05			
04			
03			
02			
01			

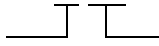
Program 10-5

System Assignments, Part 5 of 5

Program Type: *System*

Initialised Default: *All LEDs OFF.*

Enter Prog Mode - **Spkr 1 0 Hold** - **Spkr 5** █ **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 5  Light the LED Buttons that are marked with an X in the table below.

Button/ LED	X	LED ON	LED OFF
20			
19			
18			
17			
16			
15			
14			
13			
12			
11			
10		MOH from TMAU2 source	Electronic Tone
09			
08			
07		Ext. no. included as the CLI info. in the setup msg	CLI information not included in setup message
06		ISDN TE CLI IE ignored by DK280 CTU software	ISDN TE CLI IE must equal DK NT port number
05		Intercom Priority Enabled	Intercom Priority Disabled
04		Privacy on Transferred TIE Line Calls - ON	Privacy on Transferred TIE Line Calls - OFF
03		Toll Restriction Night Enabled	Toll Restriction Night Disabled
02		PSTN Line to PSTN Line Conference Allowed	PSTN Line to PSTN Line Conference Prohibit
01		15 Second Time enabled	15 second Timer disabled

Program *11 Called Party Number Routing Tables

Program Type: System

Initialised Default: Initialised Data is blank.

- * - - -

Enter the CPN routing table number (00 - 11) Enter the three digit logical trunk number to be translated (001 - 012) DATA = Called Party Number (CPN).
-Up to 16 digits can be entered

CPN ROUTING TABLE NUMBER	LOGICAL TRUNK NUMBER	CALLED PARTY NUMBER TO BE ROUTED																		
00																				
01																				
02																				
03																				
04																				
05																				
06																				
07																				
08																				
09																				
10																				
11																				

Program 12

System Assignments, Basic Timing

Program Type: System

Initialised Default:

Program Timing	
Code 3	1
Code 4	2
Code 5	0
Code 8	1
Code 9	4

Enter Prog Mode - **Spkr 1 2 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Program Code
See table below.

SELECT CODE = Enter required code for the time listed in the table below.

When programming Codes 8 and 9, the LCD responds with LINE TIME =, instead of SELECT CODE =.

Program Code	Function	Code	Time	Required Code
3	Pause Timing (Speed Dial)	1	1.5 sec	
		2	3.0 sec.	
4	Recall Timing	1	0.5 sec.	
		2	2.0 sec.	
		3	0.1 sec.	
		4	0.2 sec.	
5	Pause After Recall (Voice Path Delay)	0	no pause	
		1	1.5 sec.	
		2	3.0 sec.	
8	External Call Forward, and DISA Disconnect Timer for Loop Start Lines	0	no disconnect timer	
		1	30 min. disconnect	
		2	60 min. disconnect	
9	K5RCU3 DTMF Inter-digital Release Time (Standard Phone)	1	1 sec.	
		through	through	
		9	9 sec.	

Program *12 System Assignments, Basic Timing

Program Type: System

Initialised Default:

Program Timing	
Code 1	3
Code 2	1
Code 7	2
Code 8	2

Enter Prog Mode - **Spkr * 1 2 Hold** - **Spkr** - - **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1, 2, 7 or 8
Enter program code, 1, 2, 7 or 8 from table below.

SELECT CODE = Enter required code for the time listed in the table below.

Program Code	Function	Code	Time	Required Code
1	Disconnect Timer (TIE Lines Only)	1	20 sec.	
		2	30 sec.	
		4	40 sec.	
2	Delay Dialling Timer (TIE Lines Only)	1	0.2 sec.	
		2	0.8 sec.	
		3	1.6 sec.	
7	Ring Time on DISA Lines	1	120 sec.	
		2	15 sec.	
		3	240 sec.	
		4	30 sec	
8	Automatic Release Timer (TIE Lines Only)	1	No Automatic Release	
		2	30 mins.	
		3	60 mins.	

Program 13 Defining the Message Centre

Program Type: *Station*

Initialised Default: *No port assigned*

Enter Prog Mode - **Spkr 1 3 Hold** - **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1

PORT = Station Logical Port Number

Enter the station logical port number of the station to be defined as the Message Centre.

For In Band (DTMF) voice mail integration, enter the lowest KSTU3/RSTU2 standard telephone or Strategy DK port connected to the VM device.

<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------

Port Number

Program 15

Assigning Exchange Line Attributes

Program Type: *System*

Initialised Default: *All LED's are OFF*

Enter Prog Mode - **Spkr 1 5 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Program Code

LED Buttons = Exchange line

Specify Exchange line by setting LED's as defined by the table below. When you are finished, all LED's with an "X" should be lit.

Processor Type	Exchange Line Range
DK40	001~012

Program Code	Program	LED ON	LED OFF	Line											
				001	002	003	004	005	006	007	008	009	010	011	012
				LED											
				01	02	03	04	05	06	07	08	09	10	11	12
0	ARTS	Enabled	Disabled												
1	Exchange Outgoing Signal	DP	DTMF												
2	Exchange Dial Pulse Rate (Pulse per sec.)	20 PPS	10 PPS												
3	AROH	Enabled	Disabled												
4	AROH Time	95 msec.	450 msec.												
5	Exc. Line to Exc. Line Connection with Station Dropout	Equipped	Not Equipped												
7	Forced Account Code	Equipped	Not Equipped												
8	Operation After Recall	No RRCS after recall	RRCS after recall												
9	Recall on PACU	Enabled	Disabled												

Program *15 Exchange Line Tenant Assignments

Program Type: *System*

Initialised Default: *All Exchange lines assigned to Tenant 1*

Enter Prog Mode - **Spkr * 1 5 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Exchange Line Number

To add an Exchange Line range, enter XXX*XXX

Tenant = Assign the Exchange Line to a Tenant (see legend below)

Processor Type	Exchange Line Range	Tenants Supported
DK40	001-012	4

Exchange Line	Tenant Group			
	1	2	3	4
012				
011				
010				
009				
008				
007				
006				
005				
004				
003				
002				
001				

Program 16

Assign Exchange Line Groups (or Dial 9)

Program Type: System

Initialised Default: All Exchange Lines assigned to the Dial 9 group

Enter Prog Mode - **Spkr 1 6 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Exchange Line Group (see legend)

Only enter the last two digits of the Exchange Line Group, or enter **00** for Dial 9 group.

LED Buttons = Exchange Line

Specify Exchange Line by setting LED's as defined by the table below. When you are finished, all LED's with an "X" should be lit.

Processor Type	Exchange Line Range	Exchange Line Groups
DK40	001-012	801-808

LED	Line Number	Exchange Line Groups								
		801	802	803	804	805	806	807	808	Dial 9(00)
12	012									
11	011									
10	010									
09	009									
08	008									
07	007									
06	006									
05	005									
04	004									
03	003									
02	002									
01	001									

Program *16

Assigning Earth Recall Signalling to Exchange Lines

Program Type: System

Initialised Default: Initialised data is all LED's OFF

Enter Prog Mode - Spkr * 1 6 Hold Spkr 0 - Hold - Spkr # # Hold - Spkr # # Hold

Light the LINE Key to enable Earth Recall for that line.

LINE NUMBER	KEY LED ON
012	
011	
010	
009	
008	
007	
006	
005	
004	
003	
002	
001	

Program *17

DDI Intercept Port Number (Vacant or Wrong Number)

Program Type: *System*

Initialised Default: *No data*

Enter Prog Mode - **Spkr * 1 7 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = DDI Line Number

HUNT TO = Enter Intercept Station
Logical Port No.

LED Button 01 enters blanks.

Processor Type	DDI Line Range	Intercept Port Range
DK40	001~012	000~027

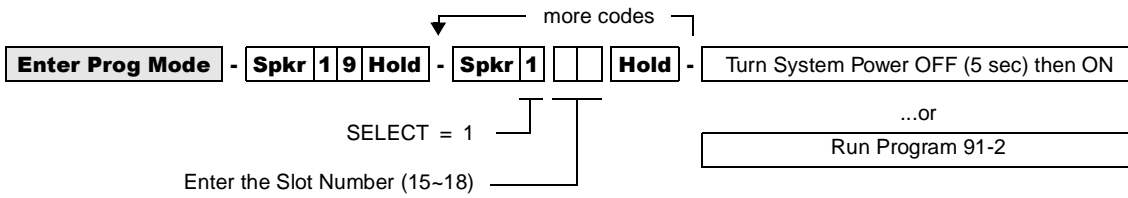
DDI Line Number	Intercept Port Number
012	
011	
010	
009	
008	
007	
006	
005	
004	
003	
002	
001	

Program 19

Alternate Background Music Source Slot Assignment

Program Type: *System*

Initialised Default: *Slot 11*



Program 23 Built-in Auto Attendant (AA) Primary Announcement Assignments

Program Type: *System*

Initialised Default: *No ports assigned*

Enter Prog Mode - **Spkr 2 3 Hold** - **Spkr** **Hold** - **Spkr # # Hold**

SELECT = 1~4
Select the Auto Attendant device (digital announcer).

AUTO ATT 1 NO. = Port
Enter the standard station logical port number to which the device will be assigned.

Processor Type	Port Range
DK40	008~027

Announcement Device	Port Number
1	
2	
3	
4	

Program 24 Built-in AA Secondary Announcement Assignments

Program Type: *System*

Initialised Default: *No ports assigned*

Enter Prog Mode - **Spkr 2 4 Hold** - **Spkr** **Hold** - **Spkr # # Hold**

SELECT = 1~4
Select the Auto Attendant device (digital announcer).

AUTO ATT 2 NO. = Port
Enter the standard station logical port number to which the device will be assigned.

Processor Type	Port Range
DK40	008~027

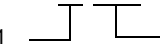
Announcement Device	Port Number
1	
2	
3	
4	

Program 25-1 Built-in AA Incoming Call Overflow Time

Program Type: *System*

Initialised Default: *20 seconds before overflow*

Enter Prog Mode - **Spkr 2 5 Hold** - **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1  AATT TIME = Seconds before overflowing
Enter the number of seconds, 12-24.

Program 26

Built-in AA Camp-on Busy Time

Program Type: *Station*

Initialised Default: *Assigns an AA Camp-on-Busy Time of 016 seconds to all ports*

- - - -

SELECT = Port Number

CAMP-ON TIME = AA Camp-on-Busy Time

Enter the number of the called Station Logical port that needs a Camp-on Busy time assigned.

Enter the time in seconds (1~3 digits). The range is 011~999 seconds (16.65 minutes).

To add a port range, enter XXX*XXX (low port * high port).

Processor Type	[PDN] Port Range
DK40	000-027

Port	Camp-on Time
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	

Port	Camp-on Time
014	
015	
016	
017	
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	

Program 27 DKT Handset/Headset Receiver Volume Level

Program Type: Station

Initialised Default: VR=2

Enter Prog Mode - **Spkr 2 7 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Digital Telephone Logical Port Number

VR = Enter volume level 1~4
Default volume level is 2.

Total DKT Volume Range (VR)

Lowest Volume | 0 1 2 3 4 5 6 7 8 | Highest Volume

Set VR 1~4 for initial off-hook handset receiver volume level; VR resets to programmed level (1~4) after each call (on-hook/off-hook). Each level is equivalent to a 2dB change.

Processor Type	Port Range
DK40	000-027

Port	VR Level
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	

Port	VR Level
014	
015	
016	
017	
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	

Program 28

DSS Console/Attendant Telephone Assignments

Program Type: Station

Initialised Default: Assigns Console #1 to Attendant Telephone #1;
Console #2 to Attendant Telephone #2; etc.

Enter Prog Mode - **Spkr 2 8 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1~3 DSS ATT = 1~3

Enter the DSS console number.

Enter the attendant digital or electronic telephone number.

Digital DSS consoles (DDSS) should be assigned to digital telephones, and electronic consoles (HDSS) should be assigned to electronic telephones.

Processor	DSS Consoles	HDSS Consoles
DK40	1~3	1~3

DDSS PDKU/HDSS PEKU PCBs (Lowest to Highest)	DDSS/HDSS Console Number	Attendant DKT/EKT Number (1~3)
Low Slot Number:	1	
Slot Number:	2	
High Number:	3	

Program 29-1~3 DSS Console and Number Button Assignments

Program Type: Station

Initialised Default: See "Program 29 - Initialised Default DSS Console Button Assignments" on Page 2-33



SELECT = DDSS/HDSS console number 1~3
 DDSS/HDSS LED Button Group 1~3
 Each console has three groups of 20 LED buttons.
 DKT LED's 01~20
 Press the DKT LED that is in the same position as the console button being assigned. The LED lights and the LCD displays the console button's number.

CODE =
 Assign Speed Dial, trunk access, or DSS access to this button chosen. See code table below.
 The **Night Transfer** and **All Call Page** buttons may be changed to **DSS, Line** (Exchange) or **SD** buttons, but they may not be reassigned to other button locations.

Code Table & Legend

Button Type	Code
All Call	489
Night Transfer 1	439
Night Transfer 2	440
Night Transfer 3	441
Night Transfer 4	442

Button Type	Code
Personal Speed Dial Bin Numbers Range	*10 - *49
System Speed Dial Bin Numbers Range	*600 - *699
Exchange Line Range	001 - 012
Station Port Numbers Range	#000 - #027

Console Number _____

Group Number 1	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Group Number 2	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Group Number 3	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Console Number _____

Group Number 1	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Group Number 2	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Group Number 3	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Console Number _____

Group Number 1	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Group Number 2	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Group Number 3	
Button/Code	Button/Code
10	20
09	19
08	18
07	17
06	16
05	15
04	14
03	13
02	12
01	11

Program 29 - Initialised Default DSS Console Button Assignments

Group 1	
DSS Button No.	DK40
01	#000
02	#001
03	#002
04	#003
05	#004
06	#005
07	#006
08	#007
09	#008
10	#009
11	#010
12	#011
13	#012
14	#013
15	#014
16	#015
17	#016
18	#017
19	#018
20	#019

Group 2	
DSS Button No	DK40
01	#020
02	#021
03	#022
04	#023
05	#024
06	#025
07	#026
08	#027
09	*10
10	*11
11	*12
12	*13
13	*14
14	*15
15	*16
16	*17
17	*18
18	*19
19	*20
20	*21

Group 3	
DSS Button No	DK40
01	*22
02	*23
03	*24
04	*25
05	*26
06	*27
07	*28
08	*29
09	*30
10	*31
11	*32
12	*33
13	*34
14	*35
15	*36
16	*37
17	*38
18	*39
19	AC 1 (489)
20	NT 1 (439)

Program *29

Add-on Modules Button Assignments

Program Type: Station

Initialised Default: See "Program 29 - Add-on Modules Button Assignments" on Page 35.

Enter Prog Mode - **Spkr * 2 9 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter the station logical port of the telephone which will have buttons assigned to its attached Add-on module.

Enter the Add-on Module which will have buttons assigned to it (0, 1, or 2). Enter 0 when removing ADMs.

CODE= See the Code Table below.

LED 01~20. Press the LED that is in the same position as the Add-on Module button being assign

Processor	ADMs
DK40	24

Button Type	Code(s)
Personal Speed Dial Bin Numbers	*10~*49
System Speed Dial Bin Numbers	*600~*999
Exchange Line Range	001~012
Station Port Number Button Range	#000~#027

Port _____

Add-on Module 1				Add-on Module 2			
Button	Code	Button	Code	Button	Code	Button	Code
10		20		10		20	
09		19		09		19	
08		18		08		18	
07		17		07		17	
06		16		06		16	
05		15		05		15	
04		14		04		14	
03		13		03		13	
02		12		02		12	
01		11		01		11	

Port _____

Add-on Module 1				Add-on Module 2			
Button	Code	Button	Code	Button	Code	Button	Code
10		20		10		20	
09		19		09		19	
08		18		08		18	
07		17		07		17	
06		16		06		16	
05		15		05		15	
04		14		04		14	
03		13		03		13	
02		12		02		12	
01		11		01		11	

Port _____

Add-on Module 1				Add-on Module 2			
Button	Code	Button	Code	Button	Code	Button	Code
10		20		10		20	
09		19		09		19	
08		18		08		18	
07		17		07		17	
06		16		06		16	
05		15		05		15	
04		14		04		14	
03		13		03		13	
02		12		02		12	
01		11		01		11	

Port _____

Add-on Module 1				Add-on Module 2			
Button	Code	Button	Code	Button	Code	Button	Code
10		20		10		20	
09		19		09		19	
08		18		08		18	
07		17		07		17	
06		16		06		16	
05		15		05		15	
04		14		04		14	
03		13		03		13	
02		12		02		12	
01		11		01		11	

Program *29 - Initialised Default Add-on Modules Button Assignments

Add-on Module 1 Button No.	DK40
01	#000
02	#001
03	#002
04	#003
05	#004
06	#005
07	#006
08	#007
09	#008
10	#009
11	#010
12	#011
13	#012
14	#013
15	#014
16	#015
17	#016
18	#017
19	#018
20	#019

Add-on Module 2 Button No.	DK40
01	#020
02	#021
03	#022
04	#023
05	#024
06	#025
07	#026
08	#027
09	*10
10	*11
11	*12
12	*13
13	*14
14	*15
15	*16
16	*17
17	*18
18	*19
19	*20
20	*21

Program 30 Station Class of Service

Program Type: Station

Initialised Default: LED's 01, 05 and 07 for all ports

Enter Prog Mode - **Spkr 3 0 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number(s)
Enter the port numbers to which class of service must be assigned. To add a port range, enter XXX*XXX (low port * high port).

Light LED's for the port specified in the last step. All LED's marked with an "X" in the table below should be lit.

Processor Type	Port Range	DISA Port
DK40	000-027	049

Feature	LED	Port																				
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Dialled No. & Sub Address seperated by # from a 2 wire extension (LED ON)	20																					
Privacy Override	19																					
Executive Override	18																					
DND Override	17																					
Change TR Travelling Class Code	16																					
Change Verified Account Code	15																					
Verified Account Codes	14																					
	13																					
	12																					
Dial Pulse - DTMF OFF - TIE LINES	11																					
Change DISA Security Code	10																					
Change TR Override Code	09																					
Forced Account Code	08																					
OCA/Busy Override Automatic (originating OCA)	07																					
ABR Access	06																					
Speed Dial Allowed	05																					
	04																					
Microphone Button on at Start of Call	03																					
MIC Button Locked	02																					
Speakerphone	01																					

Program *30 Telephone Group Page Assignments

Program Type: Station

Initialised Default: All LED's OFF

Enter Prog Mode - **Spkr * 3 0 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter the station logical port which will be assigned to page a group or groups. To add a port range, enter XXX*XXX (low port * high port).

Press LED Buttons 01~04 to light LED's for the port specified in the last step. In the table below, "X" all LED Buttons which should be lit.

Processor Type	Port Range	Number of Page Groups
DK40	000-027	4

Feature	LED	Port															
		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015
Page Gp D	04																
Page Gp C	03																
Page Gp B	02																
Page Gp A	01																

Feature	LED	Port											
		016	017	018	019	020	021	022	023	024	025	026	027
Page Gp D	04												
Page Gp C	03												
Page Gp B	02												
Page Gp A	01												

Program 31 Station Class of Service

Program Type: Station

Initialised Default: LED's 10 and 12 ON for all ports

Enter Prog Mode - **Spkr 3 1 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number(s)
Enter the port numbers to which class of service must be assigned. To add a port range enter XXX*XXX (low port * high port).

Light LED Buttons for the port specified in the last step. All LED Buttons marked with an "X" in the table below should be lit.

Processor Type	Port Range
DK40	000~027

Feature	LED	Port																											
		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
Toshiba Stratagy/VM (B + Station No.)	20																												
Toshiba Stratagy/VM (B No Station)	19																												
Executive & Privacy Override Blocking	18																												
End/End Signal Rcv (VM)	17																												
Receive VM ID Code	16																												
Toshiba Stratagy/VM Integration (A/D)	15																												
	14																												
	13																												
Pooled Line Key - No Flash if No Ring	12																												
	11																												
All Call Page Allowed - EKTs/DKTs	10																												
VM (No Conference)	09																												
VM Group 4	08																												
VM Group 3	07																												
VM Group 2	06																												
VM Group 1	05																												
VM to VM Call Blocking Called/Calling	04																												
OCA Enabled (To Receive)	03																												
Handsfree No Warning Tone	02																												
Handsfree Disabled	01																												

Program *31 Group Pickup Assignments

Program Type: Station

Initialised Default: All LED's OFF

- * - # - # - #

Station Logical Port Number

Enter the station logical port which will be assigned to a pickup group or groups. To add a port range, enter XXX*XXX (low port * high port).

Light LED Buttons for the port specified in the last step. In the table below, mark an "X" for all LED Buttons which should be lit.

Processor Type	Port Range	Pickup Groups
DK40	000-027	16

Pickup Group	LED	Port																											
		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
	20																												
	19																												
	18																												
	17																												
Pickup Group 16	16																												
Pickup Group 15	15																												
Pickup Group 14	14																												
Pickup Group 13	13																												
Pickup Group 12	12																												
Pickup Group 11	11																												
Pickup Group 10	10																												
Pickup Group 9	09																												
Pickup Group 8	08																												
Pickup Group 7	07																												
Pickup Group 6	06																												
Pickup Group 5	05																												
Pickup Group 4	04																												
Pickup Group 6	03																												
Pickup Group 2	02																												
Pickup Group 1	01																												

Program 32 Automatic Preference

Program Type: Station

Initialised Default: Assigns Ringing Code 1 and Automatic Off-hook (Preference) Code 01 for all ports

Enter Prog Mode - **Spkr 3 2 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number
Enter the port number of the station having preference defined. To add a port range, enter XXX*XXX (low port * high port).

DATA = Ringing Code

- 0 = Disable Ringing Line Preference
- 1 = Enable Ringing Line Preference

Automatic Preference Code:
00 = No selection
01 = [PDN]
02 = Lowest Exchange, tie, or DDI line
11~18 = 01~08 Line groups
(See legend below for maximum line groups.)

Processor Type	Port Range Port Reference Number	Number of Exchange Line Groups
DK40	000-027	01-08

Port Number	Ringing Code	Automatic Preference Code
000		
001		
002		
003		
004		
005		
006		
007		
008		
009		
010		
011		
012		
013		

Port Number	Ringing Code	Automatic Preference Code
014		
015		
016		
017		
018		
019		
020		
021		
022		
023		
024		
025		
026		
027		

Program 33 [PDN] Station Hunting (Voice Calls Only)

Program Type: *Station*

Initialised Default: *Initialised Data is Blank*

Enter Prog Mode - **Spkr 3 3 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = [PDN] Port Reference Number of the "hunt-from" station.

To add a port range, enter XXX*XXX (low port * high port).

HUNT TO = [PDN] Port Reference Number of the "hunt-to" station.

Press LED Button 01 to delete digit from the "hunt-to" port.

Processor	[PDN] Port Range
DK40	000-027

Hunt From	Hunt To	Hunt From	Hunt To
000		014	
001		015	
002		016	
003		017	
004		018	
005		019	
006		020	
007		021	
008		022	
009		023	
010		024	
011		025	
012		026	
013		027	

Program 34 Hold Recall Timing

Program Type: Station

Initialised Default: Assigns a Hold Recall Time of 032 seconds to all ports

Enter Prog Mode - **Spkr 3 4 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number

Enter the port number having its Hold Recall Time defined.

To add a port range, enter XXX*XXX (low port * high port).

HUNT TIME = Seconds

Enter the number of seconds the system will wait (three digits).

Enter 000 for no Hold Recall. Enter 011~160 for 11 to 160 seconds.

Processor	Port Range
DK40	000~027

Port	Seconds
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	

Port	Seconds
014	
015	
016	
017	
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	

Program 35 Station Class of Service

Program Type: *Station*

Initialised Default: LED 01, 02, 04, 05, 16 are ON, all other LED's OFF.

Enter Prog Mode - **Spkr 3 5 Hold** - **Spkr** **#** **Hold** - **Spkr ## Hold** - **Spkr ## Hold**

SELECT = Station Logical Port Number
Enter the port number(s) being defined.
To add a port range, enter XXX*XXX
(low port * high port).

LED = Select LED's to light for the port
specified in the last step. Mark an "X" in the
table below for all LED's which should be ON.

Processor	Port Range	Maximum LCD Phones With Personal Messages
DK40	000-027	16

Feature	LED	Port																										
		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
Busy Station Transfer	20																											
Busy Station Ringing	19																											
Automatic Hold	18																											
DKT 2000 Telephone Continuous DTMF Tones OFF	17																											
No CF/NA Handsfree	16																											
Not used	15-08																											
	07																											
	06																											
LCD Personal Message (10~19) Allowed	05																											
Message Waiting (RCV)	04																											
	03																											
LCD Type/32-ON/12-OFF	02																											
LCD Display	01																											

Program 36 Fixed Call Forward

Program Type: Station

Initialised Default: Does not assign a Fixed Call Forward location to any port

Enter Prog Mode - **Spkr 3 6 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number

Enter the port number of the station that needs a Fixed Call Forward location assigned.

To add a port range, enter XXX*XXX (low port * high port).

FORWARD TO TEL = Port Number

Enter the port number of the [PDN] that will be call forwarded to when the **Fixed Call Forward** button is pressed.

Press LED Button 01 to enter blanks.

Processor	[PDN] Port Range
DK40	000-027

Port	Forward to Tel Port	Port	Forward to Tel Port
000		014	
001		015	
002		016	
003		017	
004		018	
005		019	
006		020	
007		021	
008		022	
009		023	
010		024	
011		025	
012		026	
013		027	

Program 37

Ring Transfer (Camp-on) Recall Time

Program Type: Station

Initialised Default: Assigns Ring Transfer Recall Time of 32 seconds to all ports

Enter Prog Mode - **Spkr** 3 7 **Hold** - **Spkr** **#** **Hold** - **Spkr** # # **Hold** - **Spkr** # # **Hold**

SELECT = Station Logical Port Number

Enter the port number that needs a Ring Transfer Recall Time assigned.

To add a port range, enter XXX*XXX (low port * high port).

HOLD TIME = Port Number

Enter the Ring Transfer Recall Time (three digits, in seconds)

Enter 000 for no Hold Recall. Enter 011~160 for 11 to 160 seconds.

Processor	Port Range
DK40	000-027

Port	Hold Time	Port	Hold Time
000		014	
001		015	
002		016	
003		017	
004		018	
005		019	
006		020	
007		021	
008		022	
009		023	
010		024	
011		025	
012		026	
013		027	

Program 38

Digital and Electronic Telephone Keystrip Type

Program Type: Station

Initialised Default: Assigns Code 31 to all ports

Important!

If you only want to view Program 38 data, do not press **Hold**, press **Spkr**. Pressing **Hold** will change Program 39 assignments.

Spkr

...or

Enter Prog Mode - **Spkr 3 8 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Port Number

Enter the port number of the station that needs a keystrip defined.

To add a port range, enter XXX*XXX (low port * high port).

BUTTON MENU = Code

Enter the appropriate code:

- Code 21 = 10-button telephone
- Code 31 = 20-button (A) telephone
- Code 32 = 20-button (B) telephone
- Code 33 = 20-button (C) telephone

Processor	Port Range
DK40	000-027

Port	Button Menu	Port	Button Menu
000		014	
001		015	
002		016	
003		017	
004		018	
005		019	
006		020	
007		021	
008		022	
009		023	
010		024	
011		025	
012		026	
013		027	

Assignments for 2000-Series Digital Telephone Keystrips

Speed Dial
Do Not Disturb
CO 7
CO 6
CO 5
CO 4
CO 3
CO 2
CO 1
[PDN]

Code 21 – 10-Button

CO 9	Speed Dial
CO 8	Do Not Disturb
CO 7	SD 14
CO 6	SD 13
CO 5	SD 12
CO 4	SD 11
CO 3	SD 10
CO 2	CO 12
CO 1	CO 11
[PDN]	CO 10

Code 31 (Default) – 20-Button (A)

CO 9	Speed Dial
CO 8	Do Not Disturb
CO 7	SD 14
CO 6	SD 13
CO 5	SD 12
CO 4	SD 11
CO 3	SD 10
CO 2	CO 12
CO 1	CO 11
[PDN]	CO 10

Code 32 – 20-Button (B)

CO 9	Recall
CO 8	Do Not Disturb
CO 7	Speed Dial
CO 6	Redial
CO 5	Speed Dial Pause
CO 4	SD 11
CO 3	SD 10
CO 2	CO 12
CO 1	CO 11
[PDN]	CO 10

Code 33 – 20-Button (C)

Assignments for Electronic Telephone Keystrips

MW/FL
Do Not Disturb
CO 7
CO 6
CO 5
CO 4
CO 3
CO 2
CO 1
[PDN]

Code 21 – 10-Button

CO 9	MW/FL
CO 8	Do Not Disturb
CO 7	SD 14
CO 6	SD 13
CO 5	SD 12
CO 4	SD 11
CO 3	SD 10
CO 2	CO 12
CO 1	CO 11
[PDN]	CO 10

Code 31 (Default) – 20-Button (A)

CO 9	MW/FL
CO 8	Do Not Disturb
CO 7	SD 14
CO 6	SD 13
CO 5	SD 12
CO 4	SD 11
CO 3	SD 10
CO 2	CO 12
CO 1	CO 11
[PDN]	CO 10

Code 32 – 20-Button (B)

	MW/FL
CO 8	Do Not Disturb
CO 7	SDS
CO 6	RDL
CO 5	PAU
CO 4	SD 15
CO 3	SD 14
CO 2	SD 13
CO 1	SD 12
[PDN]	SD 11

Code 33 – 20-Button (C)

1843

10	9	20	9
010			
09	8	19	8
009			
08	7	18	7
008			
07	6	17	6
007			
06	5	16	5
006			
05	4	15	4
005			
04	3	14	3
004			
03	2	13	2
003			
02	1	12	1
002		012	
01	0	11	0
001		011	

← Last digit of EK port number for Programs with a format like 71~75.

← LED Buttons

← Exchange line numbers (001-012)

Program 39 Flexible Button Assignments

Program Type: *Station*

Initialised Default: *See Program 38*

Enter Prog Mode - **Spkr 3 9 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Port Number

Code

Enter the port number(s) to which class of service must be assigned. To add a port range, enter XXX*XXX (low port * high port).

Press LED Button to be defined.

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Port No. _____	10 <input type="checkbox"/>	LCD <input type="checkbox"/>	
	20 <input type="checkbox"/>		
Location:			
Button	Code	Button	Code
10		20	
09		19	
08		18	
07		17	
06		16	
05		15	
04		14	
03		13	
02		12	
01		11	

Directory Number Button Assignments



Enter the logical port number of the telephone that will be assigned a [DN] button.

Press the telephone button to which the [DN] button should be assigned.

Code: Enter the appropriate code that corresponds to the feature to be assigned. See the feature code reference table below.

Button Function	Button Labels	Code	Notes
Account Code	ACCOUNT	450	Allows a Voluntary Account Code to be entered
Alarm	ALRM	477	Resets alarm condition system wide
All Call Voice Page	AC	489	Pages all idle electronic/digital telephones over speaker
Automatic Busy Redial	ABR	470	Sets ABR of busy outgoing number
Automatic Call Back Busy	ACB	494	Sets ACB for station recalled by busy line
Background Music	BGM	478	Turns BGM ON or OFF through station speaker
Call Forward All Calls	CFAC	487	All Calls forward to selected station
Call Forward A.C. Fixed	CFF	486	Forwards all calls to predefined destination - Prog 36
Call Forward Busy	CFB	459	Forwards calls to selected station if station is busy
Call Forward Busy/No Answer	CFB/NA	457	Forwards calls to selected station if station is busy or does not answer
Call Forward External	CF-EXT	460	Forward Calls Externally
Call Forward No Answer	CFNA	458	Forwards calls to selected station if station is busy or does not answer
Call Pickup (Directed)	PKUP	484	Picks up ringing or held intercom, exchange line and page calls
Call Pickup Tenant 4	PKUP 4	435	Picks up Tenant 4's ringing exchange line calls
Call Pickup Tenant 3	PKUP 3	436	Picks up Tenant 3's ringing exchange line calls
Call Pickup Tenant 2	PKUP 2	437	Picks up Tenant 2's ringing exchange line calls
Call Pickup Tenant 1	PKUP 1	438	Picks up Tenant 1's ringing exchange line calls
Call Pickup Group	Group PKUP	480	Pick up a call to any group to which a station is assigned in Prog *31
Exchange Line Appearance	Line 1 - 012	001-012	Exchange line access of appear
Direct Station Selection	DSS	#000- #027	Assigns extension hotline keys to a port number
Do Not Disturb	DND	498	Prevents calls to a station
Door Lock 0	DRLK 0	471	Momentarily unlocks door (3 or 6 secs - PIOUS/PIOU/PEPU)
Door Lock 1 Thru 4 (DDCB)	DRLK 1 DRLK 2 DRLK 3 DRLK 4	472 473 474 475	Momentarily unlocks door (3-6 seconds) see Prog 77-1 and 77-2

Button Function	Button Labels	Code	Notes
Intercom	INT/PDN	000	Intercom access key
LCD Message	MSG	481	Begins LCD message selection
Lock	LOCK	461	Begins Lock/Unlock procedure
Message Waiting and Recall	MW/RC	499	Provides message waiting indication for EKT/DKT and recall key
Microphone Cut Off	MCO	488	Sets Microphone on/off for incoming handsfree intercom calls
Night Transfer Tenant 1	NT1	439	Sets Tenant 1 Exchange lines to Day/Night ringing mode
Night Transfer Tenant 2	NT2	440	Sets Tenant 2 Exchange lines to Day/Night ringing mode
Night Transfer Tenant 3	NT3	441	Sets Tenant 3 Exchange lines to Day/Night ringing mode
Night Transfer Tenant 4	NT4	442	Sets Tenant 4 Exchange lines to Day/Night ringing mode
Pause	PAU	495	Sets pause to speed dial. See Prog 12-3
Pause (Long)	PAU/L	493	Sets a 10 second pause in speed dial
Pooled Line	PL	301-308	Multiple Exchange Lines may appear under one key
Privacy	PRIVACY	453	Prevents privacy override (Not Exclusive Override)
Privacy Release	PRV RLS	479	Changes Station Privacy mode to non-private for Exchange Lines
Redial Last number #	RDL	496	Redials the last number
Release	RLS	476	Releases current call and makes station idle
Save Last Number	SAVE	485	Saves Last Number Dialed for future speed dial
Speed Dial Select *	SDS	497	Begins speed dial selection
StationSpeed Dial Codes	SD	*10-*49	Reserves key for station speed dial
System Speed Dial Codes	SD	*600-*999	Speed Dial number as set by port 000
Tone	TONE	490	Exchange Line dial signals set tone or pulse
Start	START	469	Tells system dialling is complete and to send the digits to line
Sub Address	SUB ADD	468	Allows DKT/EKT's users to separate the Dialed No. and Sub-Address by pressing a feature key

Program 40 Station Exchange Line Access

Program Type: Toll Restriction

Initialised Default: All LED's ON for all Exchange lines (all stations can access all lines)

Enter Prog Mode - Spkr 4 0 Hold - Spkr [] [] [] # [] Hold - Spkr # # Hold - Spkr # # Hold

SELECT = Station Logical Port Numbers
 To add a port range, enter XXX*XXX (low port * high port).
 LED Buttons = Exchange Lines
 Light LED's for the port(s) that are allowed access.

To turn all Exchange LED's ON or OFF, after the port number and # is entered, press **Vol▲** (all LED's ON) or **Vol▼** (all LED's OFF). To check a particular Exchange line, after the port number is entered, press **Mode** and enter the Exchange line number, then use the # button to display and advance.

Processor	Exchange Line Range	[PDN] Port Range	Tie Line Station Port Range	DISA Port
DK40	001~012	000~027	028~039	049

Exchange Line	LED	Port																							
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
012	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
009	09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
008	08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
007	07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
006	06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
005	05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
004	04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
003	03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
002	02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
001	01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Exchange Line	LED	Tie Line Station Port									
		0	0	0	0	0	0	0	0	0	0
012	12	2	2	3	3	3	3	3	3	3	3
011	11	8	9	0	1	2	3	4	5	6	7
010	10										
009	09										
008	08										
007	07										
006	06										
005	05										
004	04										
003	03										
002	02										
001	01										

Program 41 Station Outgoing Call Restriction

Program Type: Toll Restriction

Initialised Default: All LED's OFF for all Exchange Lines (all stations can access all lines)

Enter Prog Mode - **Spkr 4 1 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Numbers
To add a port range, enter XXX*XXX (low port * high port).

LED Buttons = Exchange Lines
Light LED's for the port(s) that are allowed access.

Processor	Exchange Line Range	[PDN] Port Range	Tie Line Station Port Range	DISA Port
DK40	001-012	000-027	028-039	049

Exchange Line	LED	Port																											
		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
012	12																												
011	11																												
010	10																												
009	09																												
008	08																												
007	07																												
006	06																												
005	05																												
004	04																												
003	03																												
002	02																												
001	01																												

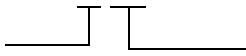
Exchange Line	LED	Tie Line Station Port																											
		028	029	030	031	032	033	034	035	036	037	038	039																
012	12																												
011	11																												
010	10																												
009	09																												
008	08																												
007	07																												
006	06																												
005	05																												
004	04																												
003	03																												
002	02																												
001	01																												

Program 42-0 Exchange Line to PBX Connection

Program Type: Toll Restriction

Initialised Default: All LED's OFF for all Exchange Lines. Assigns no access codes to PBX groups.

Enter Prog Mode - **Spkr 4 2 Hold** - **Spkr 0** █ **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 0  Specify Exchange Lines by setting LED Buttons as defined by the table below.

After programming, press:

- Vol▲ to turn all LED's ON
- Vol▼ to turn all LED's OFF
- Mode and Exchange line number, then # to display and advance

Processor	Exchange Line Range
DK40	001-012

Button LED	Line (Trunk)	Set Button LED's	
		PBX Connection (LED ON)	Normal (LED OFF)
12	012		
11	011		
10	010		
09	009		
08	008		
07	007		
06	006		
05	005		
04	004		
03	003		
02	002		
01	001		

Program 42-1~8 PBX Access Codes

Program Type: Toll Restriction

Initialised Default: Assigns no access codes to PBX groups

Enter Prog Mode - **Spkr 4 2 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1~8 PBX Access Code Group
Enter the PBX Group Number 1~8 that needs an access code assigned.

ACCESS CODE = Enter a 2-digit access code for the group, as defined by the table below.

- If access code is single digit, enter the first digit and press LED Button 01 as second digit.
- Press LED Button 01 to delete digit.
- Press LED Button 02 for Wild Card digit (any digit, 0~9). For example, pressing **8** + LED Button 02 allows 80~89.

PBX Access Code Number	PBX Outgoing Exchange Line Access Code(s)	
	1st Digit	2nd Digit
1		
2		
3		
4		
5		
6		
7		
8		

Program *42-1 Primary Clock Timing Source Reference (TBSU/RBSU/RPTU)

Program Type: System

Initialised Default: Initialised Data is blank

Enter Prog Mode - **Spkr * 4 2 Hold** - **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter the TBSU, RBSU or RPTU PCB slot number that is defined as the primary reference system timing source. (Only slots 15 & 17 will support the RPTU PCB)

Enter the RPTU, TBSU, RBSU circuit number that is defined as the primary reference system timing source. If a RPTU PCB is installed the Data entered must =1

Program *42-2 Secondary Clock Timing Source Reference (TBSU/RBSU/RPTU)

Program Type: System

Initialised Default: Initialised Data is Blank

Enter Prog Mode - **Spkr * 4 2 Hold** - **Spkr 2** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter the TBSU, RBSU or RPTU PCB slot number that is defined as the secondary reference system timing source. (Only slots 15 & 17 will support the RDAU and RPTU PCB)

Enter the RPTU, TBSU circuit number that is defined as the secondary reference system timing source. If a RPTU PCB is installed the Data entered must =1

WARNING! IF THE RESET KEY ON THE RELEVANT PCB IS PRESSED THE DATA IN THESE PROGRAMS WILL NEED TO BE REASSIGNED.

Program *43-1 Outgoing Digit Translation Enable/Disable (Tie Lines)

Program Type: Toll Restriction

Initialised Default: Initialised Data = 0

Enter Prog Mode - **Spkr * 4 3 Hold** **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

DATA = 0 to disable Outgoing Digit Translation
DATA = 1 to enable Outgoing Digit Translation
DATA = 2 to enable single digit access

Program *43-2 Outgoing Digit Translation Assignment (Tie Lines)

Program Type: Toll Restriction

Initialised Default: All LED's OFF for all Exchange Lines. Assigns no access codes to PBX groups.

Enter Prog Mode - **Spkr * 4 3 Hold** **Spkr 2** - **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter the two digits to be translated (00-99)

DATA = Digits to be added - up to 4 digits can be entered

Digits To Be Translated	Digits To Be Added			
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				

Digits To Be Translated	Digits To Be Added			
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				

Digits To Be Translated	Digits To Be Added			
60				
61				
62				
63				
64				
65				
66				
67				
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				

Digits To Be Translated	Digits To Be Added			
90				
91				
92				
93				
94				
95				
96				
97				
98				
99				

Program 44-91~93 Emergency Bypass of Forced/Verified Account Codes

Program Type: Toll Restriction

Initialised Default: Code 91 = 999, Code 92 = 112 and Code 93 is blank.

Enter Prog Mode - **Spkr 4 4 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 91~93 to set Emergency Number 1~3
 DATA = Emergency Telephone Number (1~4 digits)
 To enter blanks, press LED Button 01.

Emergency Number (1~3) SELECT =	DATA = (1~4 Digit Telephone Number)
91	999 (default)
92	112 (default)
93	

If Exchange lines are behind PBX, program the PBX outside Exchange line access code. Example: "9". A pause is automatically inserted following the first 9.

See Programs 42-0 and 42-1 to assign the Exchange line and access code for behind PBX operation.

Also, if the system Exchange lines are behind Centrex, the Centrex Exchange line access codes must be programmed in front of the emergency telephone number. Example: If the Centrex access code is "9", then enter 9999 in Program 44-91 or 9112 in Program 44-92.

Program *44-1 Incoming Digit Translation Enable/Disable (Tie Lines)

Program Type: Toll Restriction

Initialised Default: Incoming Digit Translation Disabled

Enter Prog Mode - **Spkr * 4 4 Hold Spkr Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

DATA = 0 to disable Incoming Digit Translation/Deletion
 DATA = 1 to enable Incoming Digit Deletion
 DATA = 2 to enable Incoming Digit Translation

Program *44-2 Incoming Digit Translation - Digit Deletion (Tie Lines)

Program Type: Toll Restriction

Initialised Default: Initialised Data is blank

Enter Prog Mode - **Spkr * 4 4 Hold** **Spkr 2** **#** - **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter the number of digits
to be deleted

Light the LINE Key to enable Digit
Deletion for that line

Tie Line Number	No of Digits Deleted		Key LED On
12			
11			
10			
09			
08			
07			
06			
05			
04			
03			
02			
01			
00			

Program *44-3 Incoming Digit Translation (Tie Lines)

Program Type: Toll Restriction

Initialised Default: Initialised Data is blank

Enter Prog Mode - **Spkr * 4 4 Hold** **Spkr 3** **X1 X2** **Y1 Y2 Y3** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter 1 - 5

Enter one of the five translations that can be programmed in

Enter up to two digits that must be translated

Enter up to three digits that X1 and X2 must be translated to

	Number to be translated		Translation		
	X1	X2	Y1	Y2	Y3
31					
32					
33					
34					
35					

Note By Pressing "Key 1" = I/P Don't Care

"Key 2" = I/P Don't Care

If Key 1 is used to I/P X2 then translation will be performed on the first digit X1 only

If Key 2 is used to I/P X2 then translation is performed on the first digit X1, but the digit X2 is deleted from the incoming number

Program *45-01 ~ 20 Unused Extension Number Digit Translation Tables

Program Type: Toll Restriction

Initialised Default: Initialised Data is blank

Enter Prog Mode - **Spkr*45 Hold** - **Spkr** - **#...** **Hold** - **Spkr## Hold** - **Spkr## Hold**

SELECT = 01 ~ 20
Enter 01 ~ 20 to indicate
the Un-used port Translation
Table Number

Enter the Un-used Port Number 000 ~ 027

DATA = The translation number, 1-20 Digits
long (including the trunk access code).

Table No.	Unused Port No.	Translation Number 1 ~ 20 Digit Max																				Comments
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
20																						
19																						
18																						
17																						
16																						
15																						
14																						
13																						
12																						
11																						
10																						
09																						
08																						
07																						
06																						
05																						
04																						
03																						
02																						
01																						

Program *49 Systemwide Station Lock ID Code Digit Length

Program Type: Station

Initialised Default: Initialised Data is blank

Enter Prog Mode - **Spkr * 4 9 Hold** - **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter 04-10 for the number of digits for extension lock codes (Default is 06)

Program 60-2~6 & 9 SMDR Output/Account Code Digit Length

Program Type: System

Initialised Default: *Item 2: 10 seconds*
Item 3: SMDR output is enabled for answered incoming/outgoing calls
Item 4: a 6-digit length is assigned to all Forced/Voluntary Account Codes
Item 5: Data = 0 All call
Item 6: Data is blank
Item 9: Data = 1 Enabled

Enter Prog Mode - **Spkr 6 0 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 2~6 & 9 (Item) See table below.

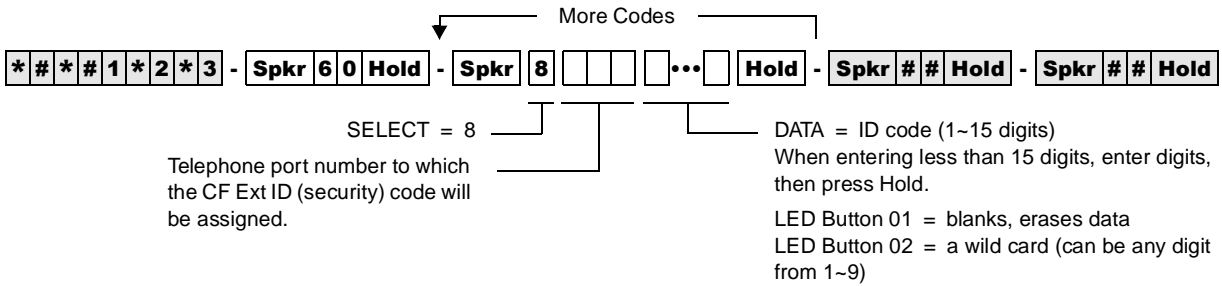
Make a selection from the table below.

Item	Description	Data
2	SMDR Threshold Time 0 = 1 second 1 = 10 seconds	Time <input type="text"/>
3	SMDR Output when a call is completed 0 = Outgoing Only 1 = Incoming and Outgoing	SMDR <input type="text"/>
4	Forced/Voluntary Account Code Digit Length 04~15 (See Program 69 for Verified Account Codes) Digits are verified per Program 30, Button/LED 14 and Program 69	Account <input type="text"/>
5	SMDR Printout Options Toll Dial: 0 = All Calls (item 3, printout outgoing call only is still available) 1 = Dial "0" calls only 2 = Dial "1" calls only 3 = Dial "00" calls only 4 = Dial "1", "0" calls only 5 = Dial "1", "00" calls only	Toll Dial Data <input type="text"/>
6	DISA Security Code 01~15 digits, may be changed from station, per Program 30 If a security code is not programmed, outgoing trunk access via DISA will not require a security code when dialing.	Data <input type="text"/> Button 01 = blank Button 02 is wild card (any digit from 1~9)
9	SMDR to Report on Abandoned Calls 0 = Disabled 1 = Enabled	<input type="text"/>

Program 60-8 Call Forward External (Remote Change, Security ID Code)

Program Type: System

Initialised Default: No digits



Processor	[PDN] Port Range
DK40	000-027

Telephone Port Number	CF/EXT ID Code (1~15 digits)
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	

Telephone Port Number	CF/EXT ID Code (1~15 digits)
010	
011	
012	
013	
014	
015	
016	
017	
018	
019	

Telephone Port Number	CF/EXT ID Code (1~15 digits)
020	
021	
022	
023	
024	
025	
026	
027	

Program *60 TBSU/RBSU/RBSS Circuit Operation (NT or TE)

Program Type: System

Initialised Default: Initialised Data is RBSU = NT

Enter Prog Mode - **Spkr* 6 0 Hold** - **Spkr** **Line Key** - **Hold** - **Spkr Spkr# # Hold** - **Spkr# # Hold**

Enter Slot Number

Press the Line Key to switch between TE and NT operation

Key Line	RBSU/RBSS Cct Number	LED ON	LED OFF
1	1	TE	NT (Default)
2	2	TE	NT (Default)
3	3	N/A	NT
4	4	N/A	NT

Key Line	TBSU Cct Number	LED ON	LED OFF
1	1	TE	NT (Default)
2	2	TE	NT (Default)

Program 61-1 Fault Test Report Destination

Program Type: System

Initialised Default: '0' No Check

Enter Prog Mode - Spkr 6 1 Hold - Spkr 1 ■ Hold - Spkr # # Hold - Spkr # # Hold

DATA = 0 No check
1 Check and awaiting access via TTY or IMDU
2 Check and report to SMDR

Program 61-2 Fault Test Run Time

Program Type: System

Initialised Default: Initialised Data is blank

Enter Prog Mode - Spkr 6 1 Hold - Spkr 2 ■ ■ ■ ■ Hold - Spkr # # Hold - Spkr # # Hold

DATA = Time of Test (HHMM)

Program 61-3 Fault Test Report Time

Program Type: System

Initialised Default: Initialised Data is blank

Enter Prog Mode - Spkr 6 1 Hold - Spkr 3 ■ ■ ■ ■ Hold - Spkr # # Hold - Spkr # # Hold

DATA = Time of Report to SMDR (HHMM)

Program 61-41 Fault Test Message 1

Program Type: System

Initialised Default: Initialised Data is blank

Enter Prog Mode - Spkr 6 1 Hold - Spkr 4 1 Hold - Spkr # # Hold - Spkr # # Hold

DATA = 16 Characters

DATA =

Program 61-42 Fault Test Message 2

Program Type: System

Initialised Default: Initialised Data is blank

Enter Prog Mode - Spkr 6 1 Hold - Spkr 4 2 Hold - Spkr # # Hold - Spkr # # Hold

DATA = 16 Characters

DATA =

Program 61-43 Fault Test Message 3

Program Type: System

Initialised Default: Initialised Data is blank

Enter Prog Mode - Spkr 6 1 Hold - Spkr 4 3 Hold - Spkr # # Hold - Spkr # # Hold

DATA = 32 Characters

DATA =

Program *61-1 Analogue to ISDN2 Bearer Service Request

Program Type: System

Initialised Default: '1' Speech for all channels

Enter Prog Mode - **Spkr * 6 1 Hold** - **Spkr 1** **#** - **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Trunk Number (001 ~ 012) └──┬── └──┬── Enter the bearer service.

Data	Bearer Service
0	3.10kHz
1	Speech (Default)

Line Number	Bearer Service
012	
011	
010	
009	
008	
007	
006	
005	
004	
003	
002	
001	

Program *61-2 Transmission Pad Adjustments (Analogue to Digital)

Program Type: System

Initialised Default: 6 - 18db for all channels

Enter Prog Mode - **Spkr*** **6** **1** **Hold** - **Spkr** **2** - **Hold** - **Spkr#** **#** **Hold** - **Spkr#** **#** **Hold**

SELECT = Trunk Number (001 ~ 012)

Enter one of the following pad codes for the transmission path.

- 0 = 0db
- 1 = -3db
- 2 = -6db
- 3 = -9db
- 4 = -12db
- 5 = -15db
- 6 = -18db
- 7 = +3db

Line Number	Pad Code
012	
011	
010	
009	
008	
007	
006	
005	
004	
003	
002	
001	

Program *61-3 Reception Pad Adjustments (Analogue to Digital)

Program Type: System

Initialised Default: 6 - 18db for all channels

Enter Prog Mode - **Spkr * 6 1 Hold** - **Spkr 3** - **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Trunk Number (001 ~ 012)

Enter one of the following pad codes for the transmission path.

- 0 = 0db
- 1 = -3db
- 2 = -6db
- 3 = -9db
- 4 = -12db
- 5 = -15db
- 6 = -18db
- 7 = +3db

Line Number	Pad Code
012	
011	
010	
009	
008	
007	
006	
005	
004	
003	
002	
001	

Program *62-1 Extension to ISDN2 Channel Bearer Service Request

Program Type: Station

Initialised Default: '1' Speech for all ports

Enter Prog Mode - **Spkr*62 Hold** - **Spkr 1** **#** - **Hold** - **Spkr## Hold** - **Spkr## Hold**

SELECT = Port Number (000 ~ 027)

Enter the bearer service.

Data	Bearer Service
0	3.10kHz
1	Speech (Default)

Port Numbers	Bearer Service
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	
014	
015	
016	
017	

Port Numbers	Bearer Service
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	

Program *62-2 Transmission Pad Adjustments (Analogue Extension to ISDN2 Channel)

Program Type: Station

Initialised Default: 6 - 18db for all ports

Enter Prog Mode - **Spkr*62 Hold** - **Spkr 2** **#** - **Hold** - **Spkr# # Hold** - **Spkr# # Hold**

SELECT = Port Number (000 ~ 027)

Enter one of the following pad codes for the transmission path.

- 0 = 0db
- 1 = -3db
- 2 = -6db
- 3 = -9db
- 4 = -12db
- 5 = -15db
- 6 = -18db
- 7 = +3db

Port Numbers	Pad Code
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	
014	
015	
016	
017	

Port Numbers	Pad Code
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	

Program *62-3 Reception Pad Adjustments (Analogue Extension to ISDN2 Channel)

Program Type: Station

Initialised Default: 6 - 18db for all ports

Enter Prog Mode - **Spkr*62 Hold** - **Spkr 3** **#** - **Hold** - **Spkr## Hold** - **Spkr## Hold**

SELECT = Port Number (000 ~ 027)

Enter one of the following pad codes for the transmission path.

- 0 = 0db
- 1 = -3db
- 2 = -6db
- 3 = -9db
- 4 = -12db
- 5 = -15db
- 6 = -18db
- 7 = +3db

Port Numbers	Pad Code
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	
014	
015	
016	
017	

Port Numbers	Pad Code
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	

Program *63-1 Dialed Sub-Address Timeout

Program Type: System

Initialised Default: 04 (4 seconds)

Enter Prog Mode - Spkr * 6 3 Hold - Spkr 1 - Hold - Spkr # # Hold - Spkr # # Hold

DATA = Duration of timeout. See legend below: _____

DATA	Timeout Value	DATA	Timeout Value
00	No Internal Sub-Addressing	06	06 Seconds
01	01 Seconds	07	07 Seconds
02	02 Seconds	08	08 Seconds
03	03 Seconds	09	09 Seconds
04	04 Seconds	10	10 Seconds
05	05 Seconds		

Program *63-2 Outdialling Inter Digit Pause

Program Type: System

Initialised Default: 04 (4 seconds)

Enter Prog Mode - Spkr * 6 3 Hold - Spkr 2 - Hold - Spkr # # Hold - Spkr # # Hold

DATA = Duration of timeout. See legend below: _____

DATA	Timeout Value	DATA	Timeout Value
00	No Internal Sub-Addressing	06	06 Seconds
01	01 Seconds	07	07 Seconds
02	02 Seconds	08	08 Seconds
03	03 Seconds	09	09 Seconds
04	04 Seconds	10	10 Seconds
05	05 Seconds		

Program 70 Verified Account Code Toll Restriction Assignments

Program Type: Toll Restriction

Initialised Default: 000 for all VACNs

Enter Prog Mode - Spkr 7 0 Hold - Spkr Hold - Spkr # # Hold - Spkr # # Hold

SELECT = Verified Account Code Number (VACN)
DATA = VAC Digit Restriction
0 = No Digit Restriction
1 = Digit Restriction

VAC Restrict Code (00~10)
00 = No Station Toll Restriction
03 = Class 1 T.R.
04 = Class 2 T.R.
05 = Class 3 T.R.
06 = Class 4 T.R.

Processor	VACN
DK40	000~299

VACN	VAC Digit Restrict Code	VAC Restrict Code

VACN	VAC Digit Restrict Code	VAC Restrict Code

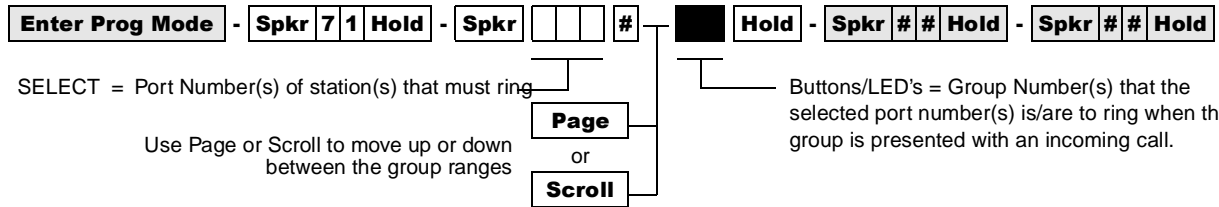
VACN	VAC Digit Restrict Code	VAC Restrict Code

Program 71

Day 1 - (Immediate) - Incoming DDI Exchange Line Station Ringing Assignments

Program Type: Station

Initialised Default: Initialised Data is Blank



PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
019	20																												
018	19																												
017	18																												
016	17																												
015	16																												
014	15																												
013	14																												
012	13																												
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005	06																												
004	05																												
003	04																												
002	03																												
001	02																												
000	01																												

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
039	20																												
038	19																												
037	18																												
036	17																												
035	16																												
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027	08																												
026	07																												
025	06																												
024	05																												
023	04																												
022	03																												
021	02																												
020	01																												

PORTS→		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED▼																												
059	20																												
058	19																												
057	18																												
056	17																												
055	16																												
054	15																												
053	14																												
052	13																												
051	12																												
050	11																												
049	10																												
048	09																												
047	08																												
046	07																												
045	06																												
044	05																												
043	04																												
042	03																												
041	02																												
040	01																												

PORTS→		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED▼																												
069	20																												
068	19																												
067	18																												
066	17																												
065	16																												
064	15																												
063	14																												
062	13																												
061	12																												
060	11																												

Program 72

Day 1 - (12 Second Delay) - Incoming DDI Exchange Line Station Ringing Assignments

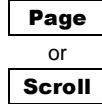
Program Type: System

Initialised Default: Initialised Data is Blank



SELECT = Port Number(s) of station(s) that must ring

Use Page or Scroll to move up or down between the group ranges



Buttons/LED's = Group Number(s) that the selected port number(s) is/are to ring when the group is presented with an incoming call.

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
019	20																												
018	19																												
017	18																												
016	17																												
015	16																												
014	15																												
013	14																												
012	13																												
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007	08																												
006	07																												
005	06																												
004	05																												
003	04																												
002	03																												
001	02																												
000	01																												

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
039	20																												
038	19																												
037	18																												
036	17																												
035	16																												
034	15																												
033	14																												
032	13																												
031	12																												
030	11																												
029	10																												
028	09																												
027	08																												
026	07																												
025	06																												
024	05																												
023	04																												
022	03																												
021	02																												

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
059	20																												
058	19																												
057	18																												
056	17																												
055	16																												
054	15																												
053	14																												
052	13																												
051	12																												
050	11																												
049	10																												
048	09																												
047	08																												
046	07																												
045	06																												
044	05																												
043	04																												
042	03																												
041	02																												
040	01																												

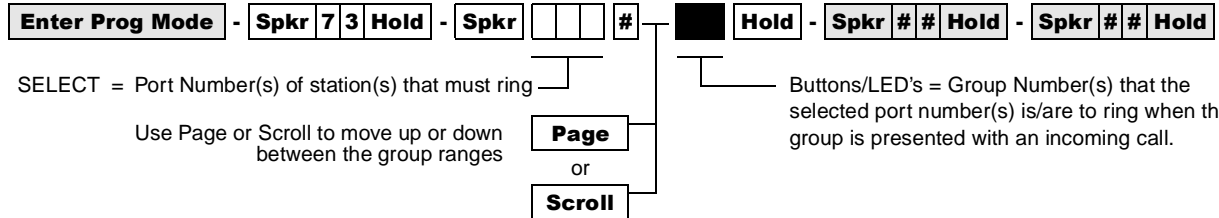
PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
069	20																												
068	19																												
067	18																												
066	17																												
065	16																												
064	15																												
063	14																												
062	13																												
061	12																												
060	11																												

Program 73

Day 1 - (24 Second Delay) - Incoming DDI Exchange Line Station Ringing Assignments

Program Type: System

Initialised Default: Initialised Data is Blank



PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
019	20																												
018	19																												
017	18																												
016	17																												
015	16																												
014	15																												
013	14																												
012	13																												
011	12																												
010	11																												
009	10																												
008	09																												
007	08																												
006	07																												
005	06																												
004	05																												
003	04																												
002	03																												
001	02																												
000	01																												

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
039	20																												
038	19																												
037	18																												
036	17																												
035	16																												
034	15																												
033	14																												
032	13																												
031	12																												
030	11																												
029	10																												
028	09																												
027	08																												
026	07																												
025	06																												
024	05																												
023	04																												
022	03																												
021	02																												

PORTS→																														
Group No	LED▼	000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	
059	20																													
058	19																													
057	18																													
056	17																													
055	16																													
054	15																													
053	14																													
052	13																													
051	12																													
050	11																													
049	10																													
048	09																													
047	08																													
046	07																													
045	06																													
044	05																													
043	04																													
042	03																													
041	02																													
040	01																													

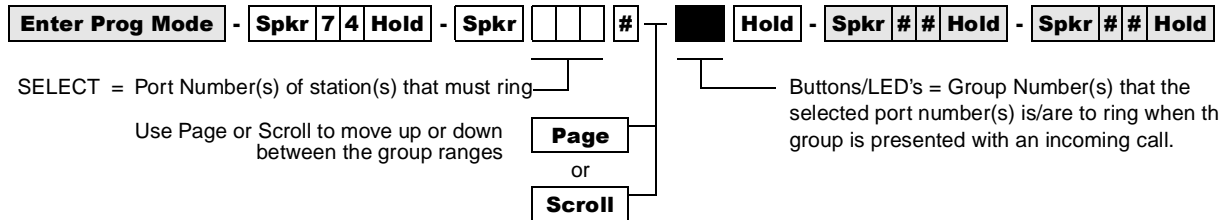
PORTS→																														
Group No	LED▼	000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	
069	20																													
068	19																													
067	18																													
066	17																													
065	16																													
064	15																													
063	14																													
062	13																													
061	12																													
060	11																													

Program 74

Day 2 - (Immediate) - Incoming DDI Exchange Line Station Ringing Assignments

Program Type: System

Initialised Default: Initialised Data is Blank



PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
019	20																												
018	19																												
017	18																												
016	17																												
015	16																												
014	15																												
013	14																												
012	13																												
011	12																												
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008	09																												
007	08																												
006	07																												
005	06																												
004	05																												
003	04																												
002	03																												
001	02																												
000	01																												

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
039	20																												
038	19																												
037	18																												
036	17																												
035	16																												
034	15																												
033	14																												
032	13																												
031	12																												
030	11																												
029	10																												
028	09																												
027	08																												
026	07																												
025	06																												
024	05																												
023	04																												
022	03																												
021	02																												

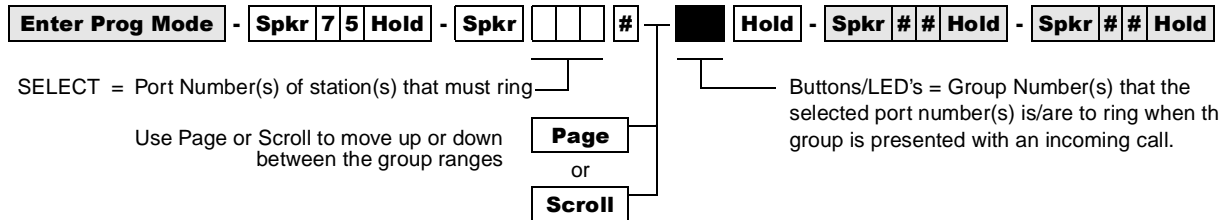
PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
059	20																												
058	19																												
057	18																												
056	17																												
055	16																												
054	15																												
053	14																												
052	13																												
051	12																												
050	11																												
049	10																												
048	09																												
047	08																												
046	07																												
045	06																												
044	05																												
043	04																												
042	03																												
041	02																												
040	01																												

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
Group No	LED ↓																												
069	20																												
068	19																												
067	18																												
066	17																												
065	16																												
064	15																												
063	14																												
062	13																												
061	12																												
060	11																												

Program 75 Night - (Immediate) - Incoming DDI Exchange Line Station Ringing Assignments

Program Type: System

Initialised Default: Initialised Data is Blank



PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
019	20																												
018	19																												
017	18																												
016	17																												
015	16																												
014	15																												
013	14																												
012	13																												
011	12																												
010	11																												
009	10																												
008	09																												
007	08																												
006	07																												
005	06																												
004	05																												
003	04																												
002	03																												
001	02																												
000	01																												

PORTS →		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
039	20																												
038	19																												
037	18																												
036	17																												
035	16																												
034	15																												
033	14																												
032	13																												
031	12																												
030	11																												
029	10																												
028	09																												
027	08																												
026	07																												
025	06																												
024	05																												
023	04																												
022	03																												
021	02																												

PORTS→		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	
Group No	LED▼																													
059	20																													
058	19																													
057	18																													
056	17																													
055	16																													
054	15																													
053	14																													
052	13																													
051	12																													
050	11																													
049	10																													
048	09																													
047	08																													
046	07																													
045	06																													
044	05																													
043	04																													
042	03																													
041	02																													
040	01																													

PORTS→		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027	
Group No	LED▼																													
069	20																													
068	19																													
067	18																													
066	17																													
065	16																													
064	15																													
063	14																													
062	13																													
061	12																													
060	11																													

Group No.	Group Alpha-tag (16 Characters Max. - Enter One per Rectangle)															
045																
046																
047																
048																
049																
050																
051																
052																
053																
054																
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066																
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068																
069																

Program 76-1 DDI Group Alpha-Tagging Assignments (cont)

- 1) Enter **Program 76-1** and select the desired group number.
- 2) Use the guide below to enter group Alpha-tag information.

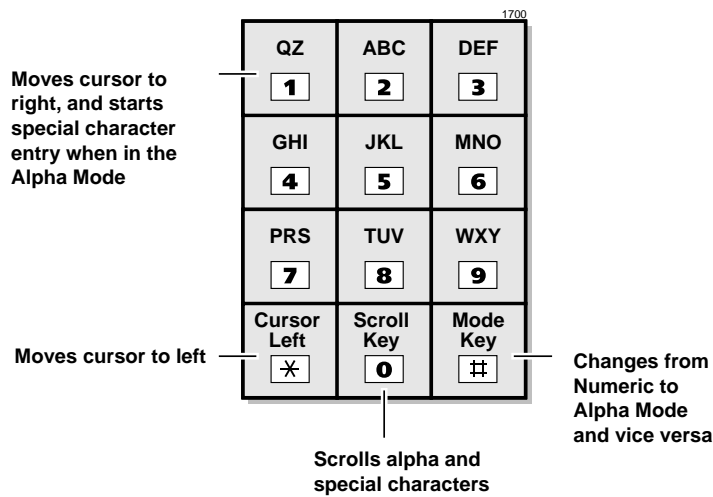
Numeric Mode

"0" to "9" are treated as numerals

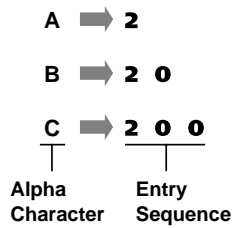
NOTE: Dialpad starts out in **Numeric Mode**.

Use # key to switch to **Alpha Mode**.

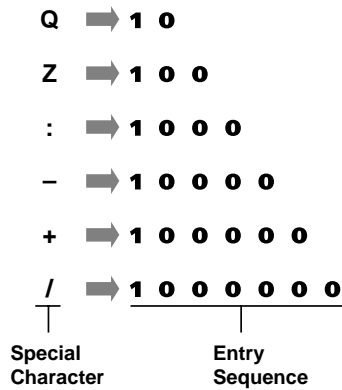
Alpha Mode



Alpha Entry (Example):



Special Character Entry:



Program 77-1 Peripheral Options (Door Phones) PIOU/PIOUS/IMDU/PEPU

Program Type: *System*

Initialised Default: *All LED's are OFF*

Enter Prog Mode - **Spkr 7 7 Hold** - **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1 Light the LED Buttons that are marked with an X in the table below.

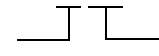
LED/ Button	X	LED ON	LED OFF
20		Door Lock Time/6 seconds	Door Lock Time/3 seconds
19			
18		DDCB 3 (Port 004 second PDKU) (DK40 Expansion Unit)	Telephone (Port 004 second PDKU) (DK40 Expansion Unit)
17		DDCB 2 (Port 004 first PDKU) (DK40 Expansion Unit)	Telephone (Port 004 first PDKU) (DK40 Expansion Unit)
16		Port 004/DDCB 1 (Base KSU)	Port 004/Telephone (Base KSU)
15			
14		IMDU Modem (DN #19)/Enabled	IMDU Modem (DN #19)/Disabled
10		Enable DK Backup	Disable DK Backup
08		Door Phone Ring on External Page	No Ring on External Page
07		Door Lock Relay Enabled (DK40 Expansion Unit)	External Page Relay Enabled (DK40 Expansion Unit)
06		NT Relay with NT1 and NT2 Button and Ringing Exchange Line	NT Relay Steady with NT1 Button
05		MOH Relay Enabled	NT Relay Enabled
04		—	—
03		—	—
02		LED 02. LED 01 has priority.	External Page on Base Unit Relay Enabled
01		LED 01. MOH on Base Unit Relay Enabled	NT on Base Unit Relay Enabled

Program 77-2 Door Phone Busy Signal/Door Lock Assignments

Program Type: *Station*

Initialised Default: *All LED's are OFF*

Enter Prog Mode - **Spkr 7 7 Hold** - **Spkr 2** █ **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 2  Light the LED Buttons that are marked with an X in the table below.

LED/ Button	X	LED ON	LED OFF
20		One Door Phone Ring	Five Door Phone Rings
19		—	—
18		—	—
17		—	—
16			
15			
14			
13			
12		DDCB4/HDCB3 B-jack is Lock Control #3	B is connected to Door Phone 3B
11		Door phone 3C Busy Out	No Busy Signal
10		Door phone 3B Busy Out	No Busy Signal
09		Door phone 3A Busy Out	No Busy Signal
08		DDCB2 B-jack is Lock Control #2	B is connected to Door Phone 2B
07		Door phone 2C Busy Out	No Busy Signal
06		Door phone 2B Busy Out	No Busy Signal
05		Door phone 2A Busy Out	No Busy Signal
04		DDCB1 B-jack is Lock Control #2	B is connected to Door Phone 1B
03		Door phone 1C Busy Out	No Busy Signal
02		Door phone 1B Busy Out	No Busy Signal
01		Door phone 1A Busy Out	No Busy Signal

DDCB Type	DK40 Port Number
DDCB1	004
DDCB2	Port 004, first PDKU ¹
DDCB3	Port 004, second PDKU ¹

¹Actual port numbering depends on the configuration of the Base KSU (i.e. TBSU (NT) or KSTU3 installed.)

Program 77-3

Tenant Night Ringing Over PIOU External Page Zones

Program Type: System

Initialised Default: Zones 1~4 assigned to Tenant 1

Enter Prog Mode - **Spkr 7 7 Hold** - **Spkr 3** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 3
 Enter a PIOU external page zone relay (1~4).
 Enter the Tenant (1~4) to be assigned with the zone entered in the preceding step.
 These assignments apply to ground and loop start lines only; they do not apply to DDI and tie lines.

Tenant	Zone 1	Zone 2	Zone 3	Zone 4
Tenant 1 Exchange Lines				
Tenant 2 Exchange Lines				
Tenant 3 Exchange Lines				
Tenant 4 Exchange Lines				

Program 78

Exchange Line Special Ringing Assignments

Program Type: *Station*

Initialised Default: *All LED's are OFF*

Enter Prog Mode - **Spkr 7 8 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Feature Number 1, 2, 5, or 6
Code 1~3

Exchange Line
Specify Exchange lines with LED Buttons as defined by the table below. All LED's with an X should be lit when finished.
Press **Scroll** to advance or **Page** to go back.

After programming, press:
Press **Vol▲** to turn all LED's ON
Press **Vol▼** to turn all LED's OFF
Mode + Exchange line number + # to display and advance

Processor	Exchange Line Range
DK40	001-012

Feature Number	Code	Feature Description	Line	001	002	003	004	005	006	007	008	009	010	011	012
			LED	01	02	03	04	05	06	07	08	09	10	11	12
1	3	Ring Over External Page during NIGHT mode													
2	1	DISA Exchange Line during DAY Mode													
	2	DISA Exchange Line during DAY2 Mode													
	3	DISA Exchange Line during NIGHT Mode													
5	1	Ring IMDU ¹ Modem during DAY Mode													
	2	Ring IMDU ¹ Modem during DAY2 Mode													
	3	Ring IMDU ¹ Modem during Night Mode													
6	1	Auto Attendant during DAY Mode ²													
	2	Auto Attendant during DAY2 Mode ²													
	3	Auto Attendant during Night Mode ²													

- ¹ IMDU requires PIOU or PIOUS. See Programs 77-1 LED 14. Only one built-in maintenance modem, IMDU will function at a time in DK40.
- ² If Exchange Lines should ring telephones before the Auto Attendant answers, use Program 81~89 to assign telephones to ring. Do not assign telephones in Program 81~89, if the Auto Attendant should answer on the first ring.

Program 79 Door Phone Ringing

Program Type: *Station*

Initialised Default: *All LED's are OFF*

Enter Prog Mode - **Spkr 7 9 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Port Number

Enter the port number having
Door Phone Ringing assigned.

To specify a port range, enter
XXX*XXX (low port * high port).

Light the LED Buttons that are marked with an X in
the table below.

Processor	Port Range
DK40	000-027

Feature	LED	Ports																											
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		0	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
Muted ring to busy DKT/EKT	20																												
Not Used	19																												
Not Used	18																												
Not Used	17																												
Not Used	16																												
Not Used	15																												
Not Used	14																												
Not Used	13																												
Not Used	12																												
Not Used	11																												
Not Used	10																												
Door phone 3C	9																												
Door phone 3B	8																												
Door phone 3A	7																												
Door phone 2C	6																												
Door phone 2B	5																												
Door phone 2A	4																												
Door phone 1C	3																												
Door phone 1B	2																												
Door phone 1A	1																												

Program 80 EKT and DKT Ringing Tones (Exchange Line Calls)

Program Type: Station

Initialised Default: Tone 1 is assigned to all ports

Enter Prog Mode - **Spkr 8 0 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number
 Enter the telephone port number for which the ringing tone is being defined.
 To specify a port range, enter XXX*XXX (low port * high port).

Ringing Tone Code
 1 = Tone Option 1
 2 = Tone Option 2
 3 = Tone Option 3

Ring Tone Option	1	2	3
Incoming Line Call*	500/640 Hz	1200/1500 Hz	800/1000 Hz
Transferred Line Call	540/760 Hz	1300/1780 Hz	880/1180 Hz

*Incoming Line Call distinctive ring tones apply to DDI and loop start Exchange lines.

Ring tone for internal or [DN] calls, and tie line incoming calls is 500 Hz for all telephones.

Processor	Port Range
DK40	000-027

Port Number	Ringing Tone (Code)		
	Tone 1 (1)	Tone 2 (2)	Tone 3 (3)
000			
001			
002			
003			
004			
005			
006			
007			
008			
009			
010			
011			
012			
013			

Port Number	Ringing Tone (Code)		
	Tone 1 (1)	Tone 2 (2)	Tone 3 (3)
014			
015			
016			
017			
018			
019			
020			
021			
022			
023			
024			
025			
026			
027			

Programs 81~89 Exchange Line/Station/AA Ringing Assignments

Program Type: *System*

Initialised Default: All LED's ON for Port 000 (81), Port 001 (87), all other LED's OFF

Enter Prog Mode - **Spkr 8** **Hold** - **Spkr** **#** **Hold** - **Spkr # #** **Hold** - **Spkr # #** **Hold**

SELECT = 1~9
(for type of ringing)

SELECT = Station (see legend below)

LED Buttons = Exchange line assigned to ring selected station port .

Press **Scroll** to advance or **Page** to go back.

Selected trunks ring selected station ports as follows:

DAY	81 = Immediate 82 = 12-second delay 83 = 24-second delay	DAY 2	84 = Immediate 85 = 12-second delay 86 = 24-second delay	NIGHT	87 = Immediate 88 = 12-second delay 89 = 24-second delay
-----	--	-------	--	-------	--

Processor	Station Port Range	Exchange Line
DK40	000-027	001-012

Exchange Line	LED	Station or DH Port																											
		000	001	002	003	004	005	006	007	008	009	010	011	012	013	014	015	016	017	018	019	020	021	022	023	024	025	026	027
012	12																												
011	11																												
010	10																												
009	09																												
008	08																												
007	07																												
006	06																												
005	05																												
004	04																												
003	03																												
002	02																												
001	01																												

Program 93 Exchange Line Identification

Program Type: *System*

Initialised Default: *Initialised Data is Blank*

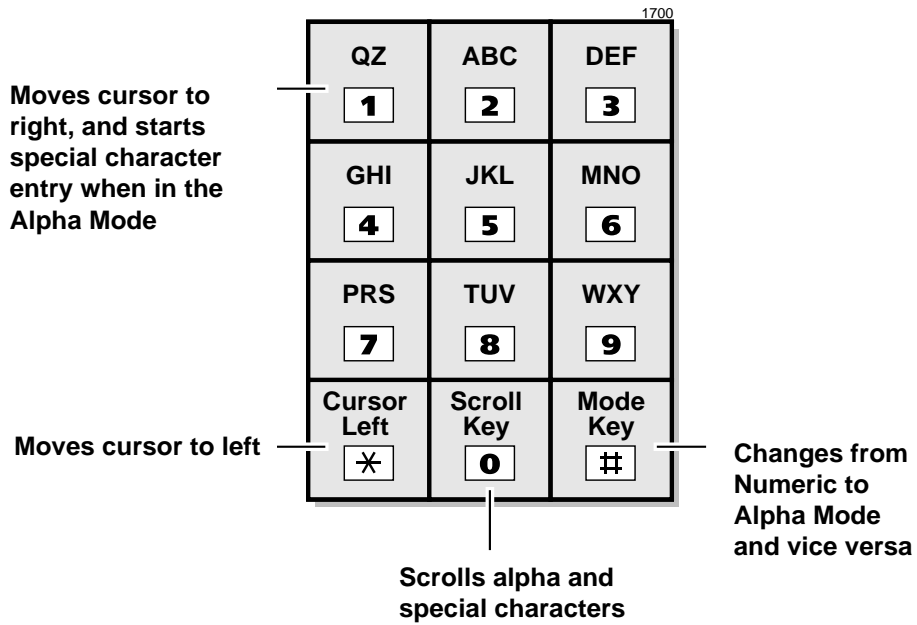
Enter Prog Mode - **Spkr 9 3 Hold** - **Spkr 1** █ █ ... **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1 Exchange Line Identification
 LED Button for Exchange line being named. Enter the Exchange line identification. (See next page for data entry procedures.)

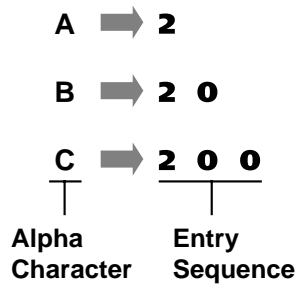
Processor	Exchange Line Range
DK40	001-012

LED	Line	Exchange Line Identification (16 Characters Max. Enter One per Rectangle)															
12	012																
11	011																
10	010																
09	009																
08	008																
07	007																
06	006																
05	005																
04	004																
03	003																
02	002																
01	001																

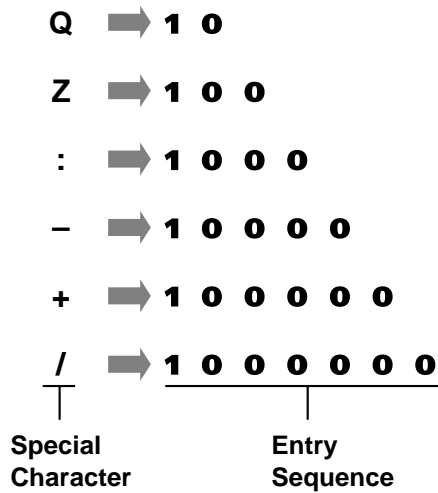
Alpha Mode



Alpha Entry (Example):



Special Character Entry:

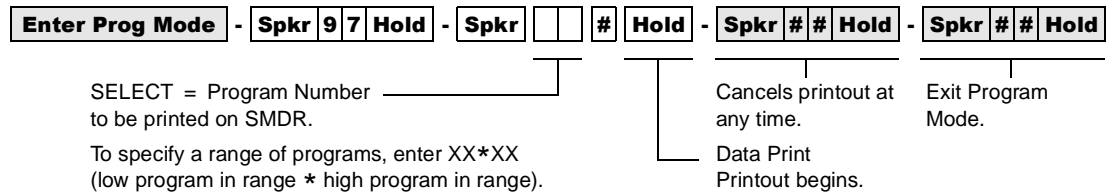


Program 97

Printing Program Data through SMDR

Program Type: *System*

Initialised Default: *Prints out customer database*



Toll Restriction

3

Program 44-1~4 Toll Restriction/ Travelling Class Override Codes

Program Type: *Toll Restriction*

Initialised Default: *All Classes Blank (no code)*

Enter Prog Mode - **Spkr 4 4 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Toll Restriction Class 1~4 DATA = Toll Restriction Code for Selected Class (1~4 digits)

Processor	Toll Restriction Class
DK40	1~4

Toll Restriction Class SELECT =	DATA = (1~4 Digit Code)
1	
2	
3	
4	

Program 45-1 LCR/Toll Restriction Dial Plan

Program Type: Toll Restriction

Initialised Default: Assigns Dial Plan 6 to the system (current UK Numbering Plan)

Enter Prog Mode - **Spkr 4 5 Hold** - **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1 DATA = Plan 1~6
Enter Code 6 for the UK.

X	Plan	Toll Restriction/LCR Dial Plans
	6	For UK only.

Program 45-2

Toll Restriction Disable

Program Type: *Toll Restriction*

Initialised Default: *All LED's OFF for all Exchange lines (all lines apply Toll Restriction)*

Enter Prog Mode - **Spkr 4 5 Hold** - **Spkr 2** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 2 LED's/Buttons
 Specify Exchange lines by setting LED Buttons as defined by the table below. All LED's with an X should be lit when finished.
 ON = Disable Toll Restriction

Processor	Exchange Line Range
DK40	001-012

LED	Exchange Line	X
12	012	
11	011	
10	010	
09	009	
08	008	
07	007	
06	006	
05	005	
04	004	
03	003	
02	002	
01	001	

Program 45-8~9 Toll Restriction Override Code

Program Type: Toll Restriction

Initialised Default: Leaves code assignments blank

Enter Prog Mode - **Spkr 4 5 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Item 8 or 9
 Enter 8 to select Code 1.
 Enter 9 to select Code 2.

DATA = Code
 Enter 1 to 4-digit code from the table below.
 Press LED Button 01 to delete or leave a blank.
 Press LED Button 02 to allow all digits to work.

SELECT =	Description	DATA = (1 to 4 Digits)
8 (Code 1)		
9 (Code 2)		

Programs 46-11~41 Toll Restriction Class (1~4) Parameters

Program Type: *Toll Restriction*

Initialised Default: *Leaves all LED's OFF*

Enter Prog Mode - **Spkr 4 6 Hold** - **Spkr** **1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Select Class from Legend below. Light LED Buttons as required to assign Table to Class.

Processor	Toll Restriction Class	Exception Table
DK40	1~4	8

LED	X	LED ON	LED OFF
20-09		Not Used	
08		Table 08 INT/STD/Local Exception	Not Selected
07		Table 07 INT/STD/Local Exception	Not Selected
06		Table 06 INT/STD/Local Exception	Not Selected
05		Table 05 INT/STD/Local Exception	Not Selected
04		Table 04 INT/STD/Local Exception	Not Selected
03		Table 03 INT/STD/Local Exception	Not Selected
02		Table 02 INT/STD/Local Exception	Not Selected
01		Table 01 INT/STD/Local Exception	Not Selected

Program 46-2~4 Toll Restriction Allowed/Denied STD/International Codes Assigned by Class

Program Type: Toll Restriction

Initialised Default: Initialised Data allows 1000-9999 in class 1. All other tables deny 0000-9999.

Enter Prog Mode - **Spkr 4 6 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Toll Restriction Class (see Legend below)

Enter: 2, 3, 4#

2 = add to memory (Allow)

3 = Delete from memory (Deny)

4# = Display allowed codes in memory (press # to scroll)

DATA = STD/INT Codes
Enter or display STD/INT Codes

To add a range, enter XXX*XXX (low area code * high area code).

Several ranges or individual area codes may be entered by separating them with the # button (The leading '0' is always omitted)

Processor	Toll Restriction Class
DK40	1-4

Class: (Check one) Allowed Denied

DATA = STD/INT Codes						

Class: (Check one) Allowed Denied

DATA = STD/INT Codes						

Class:

(Check one)

Allowed

Denied

DATA = STD/INT Codes						

Class:

(Check one)

Allowed

Denied

DATA = STD/INT Codes						

Program 46-6~8 Toll Restriction Allowed/Denied Local Codes Assigned by Class

Program Type: Toll Restriction

Initialised Default: Includes all office codes in all classes

Enter Prog Mode - **Spkr 4 6 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Toll Restriction Class
(see Legend below)

Enter: 6, 7, 8#
6 = add to memory (Allow)
7 = Delete from memory (Deny)
8# = Display allowed codes in
memory (press # to scroll)

DATA = Local Codes
Enter or display local codes.

To add a range, enter XXX*XXX (low office code *
high office code).

Several ranges or individual office codes may be
entered by separating them with the # button.

Processor	Toll Restriction Class
DK40	1-4

Class: (Check one) **Allowed** **Denied**

DATA = Local Codes						

Class: (Check one) **Allowed** **Denied**

DATA = Local Codes						

Class:

(Check one)

Allowed

Denied

DATA = Local Codes						

Class:

(Check one)

Allowed

Denied

DATA = Local Codes						

Program 47 Toll Restriction Exception Codes (Tables 01~08)

Program Type: Toll Restriction

Initialised Default: Assigns no exception/override codes to tables

Enter Prog Mode - Spkr 4 7 Hold Spkr Hold - Spkr # # Hold - Spkr # # Hold

SELECT = Exception Table (01~08) DATA =
A new exception table is needed for each Enter or display Exception/Override code.
code that is an exception to restriction.

Processor	Exception Table
DK40	01~08

Exception Table	DATA = Record of Exception/Override Code						
08							
07							
06							
05							
04							
03							
02							
01							

Program 48

Station Toll Restriction Classification (Day Mode)

Program Type: Toll Restriction

Initialised Default: 100 for all ports

Enter Prog Mode - Spkr 4 8 Hold Spkr [][] # [][] Hold - Spkr # # Hold - Spkr # # Hold

SELECT = Port Number(s) _____
 Enter the port number(s) of the station(s) being defined.
 To add a port range, enter XXX*XXX (low port * high port).
 DATA (0 or 1) _____
 0 = No digit restriction
 1 = Digit restriction

Station Restriction Code (00~10)
 00 = No Station Toll Restriction
 03 = Class 1
 04 = Class 2
 05 = Class 3
 06 = Class 4

Processor	Port Range	Toll Restriction Ports for DISA	Tie Line Station Port Range	Toll Restriction Class
DK40	000-027	049	028-039	1-4

Port No.	Digit Restriction Code	Station Restriction Code
000		
001		
002		
003		
004		
005		
006		
007		
008		
009		
010		
011		
012		
013		
014		

Port No.	Digit Restriction Code	Station Restriction Code
015		
016		
017		
018		
019		
020		
021		
022		
023		
024		
025		
026		
027		
049		

Port No.	Digit Restriction Code	Station Restriction Code
028		
029		
030		
031		
032		
033		
034		
035		
036		
037		
038		
039		

Program 49 Station Toll Restriction Classification (Night Mode)

Program Type: Station

Initialised Default: Initialised Data reads "0000" for all ports

- - - - - -

SELECT = Port Number(s)
Enter the port number(s) of the station(s) being defined.

Assigns which Tenant group the port is a member of:
 0 = NT1 Restriction
 1 = NT2 Restriction
 2 = NT3 Restriction
 3 = NT4 Restriction

Station Restriction Code (00~10)
 Enter 00 for No Station Toll Restriction
 Enter 03 for Class 1 T.R.
 Enter 04 for Class 2 T.R.
 Enter 05 for 3 T.R.
 Enter 06 for Class 4 T.R.

Digit Restriction Code 0 or 1
 Enter 0 for no digit restriction.
 Enter 1 for digit restriction.

Processor	Port Range	Toll Restriction Ports for DISA	Tie Line Staion Port Range	Toll Restriction Class
DK40	000~027	049	028~039	1~4

Port No.	Digit Restriction Code	Station Restriction Code
000		
001		
002		
003		
004		
005		
006		
007		
008		
009		
010		
011		
012		
013		
014		

Port No.	Digit Restriction Code	Station Restriction Code
015		
016		
017		
018		
019		
020		
021		
022		
023		
024		
025		
026		
027		
049		

Port No.	Digit Restriction Code	Station Restriction Code
028		
029		
030		
031		
032		
033		
034		
035		
036		
037		
038		
039		

Least Cost Routing

4

LCR Exchange Line Programming

1) Use **Program 16** to assign Exchange lines in groups per the reference chart below.

Line Group	Exchange line/s in group	Exchange line Type/Comments
801		
802		
803		
804		
805		
806		
807		
808		

2) Use **Program 40** to allow Exchange line access to stations using LCR for outgoing calls.

3) Use **Program 41** to deny outgoing Exchange line access, except for LCR access.



4) Use **Program 45-1** to enable the dial plan that is appropriate for the area where LCR calls will originate.

Program 50-1 LCR Parameters

Program Type: *Least Cost Routing*

Initialised Default: *All LED's OFF*

Enter Prog Mode - **Spkr 5 0 Hold** - **Spkr 1**  **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1   Press LED Buttons for each LCR parameter

LED	X	LED ON	LED OFF
05		Warning Tone Last Choice Route Numbers	No Warning Tone
04		Dial Tone After LCR Access	Silent
03		Not Used	Not Used
02		LCR Speed Up	Not Enabled
01		Enable System LCR	No LCR

Program 50-300 ~ 319 LCR Exception/Override Code Tables

Program Type: *Least Cost Routing*

Initialised Default: *Initialised Data is Blank*

Enter Prog Mode - Spkr 5 0 Hold - Spkr 3 - [] [] [] [] [] [] [] [] Hold - Spkr # # Hold - Spkr # # Hold

SELECT = 00 ~ 19 _____
 Enter 00 ~ 19 to indicate the Exception/
 Override code Table Number.

DATA = The Exception/Override Code
 1~ 7 Digits long.

Except/Ovr Code Table No.	Record of Eception/Override Code (maximum of 7 digits per entry)						
00							
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							

Program 50-5 LCR Local Call Routing Selection

Program Type: *Least Cost Routing*

Initialised Default: *See the legend below*

Enter Prog Mode - **Spkr 5 0 Hold** - **Spkr 5** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 5 DATA = Local Call Plan (see Legend below)

Processor	Local Call Plan Number	Local Call Plan Default
DK40	01~08	08

Program 50-6 LCR Dial 0 (Zero) Time-out

Program Type: *Least Cost Routing*

Initialised Default: *Assigns an LCR Dial Zero Time-out value of 06*

Enter Prog Mode - **Spkr 5 0 Hold** - **Spkr 6** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 6 DATA = Time-out Value
Enter a time-out value from 04~10 seconds long.

Program 50-900 ~ 919 LCR Exception/Override Code Route Plan Assignment

Program Type: *Least Cost Routing*

Initialised Default: *Initialised Data is blank*

-
 -
 -
 -
 -

SELECT = 00 ~ 19 _____
 Enter 00 ~ 19 to indicate the Exception/
 Override code Table Number.

DATA = The Route Plan that the
 Override/Exception Code
 is to follow.

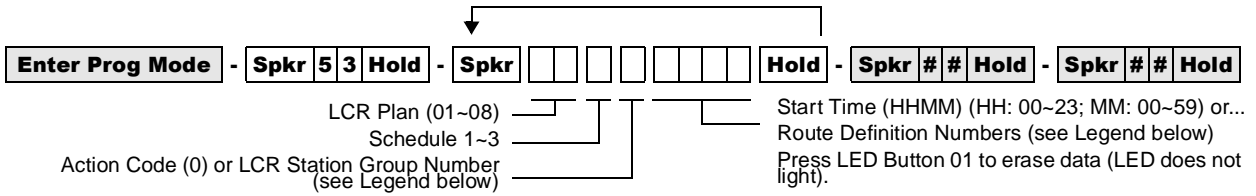
Except/Ovr Code Table No.	Route Plan No.
00	
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	

Program 53

LCR Schedule Assignments for LCR Plans

Program Type: Least Cost Routing

Initialised Default: Assigns starting time as 0000 and Route Definitions as blank for all schedules



Processor	Program 56 LCR Station Groups	Program 54 Route Definitions
DK40	01-08	1-4

LCR Plan 01-08	Schedule 1-3	Action Code	Start Time			
			H	H	M	M
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				

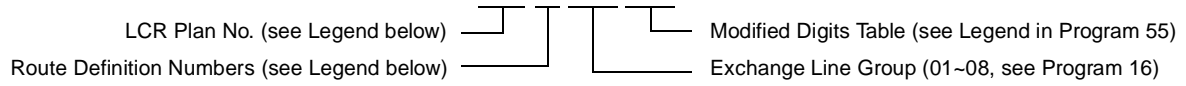
LCR Plan 01-08	Schedule 1-3	Action Code	Start Time			
			H	H	M	M
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				
		1				

Program 54 LCR Route Definition Tables

Program Type: *Least Cost Routing*

Initialised Default: *Initialised Data is bank*

Enter Prog Mode - **Spkr 5 4 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**



Processor	Route Definition #	Program 16 Exchange Line Group	Program 55 Modified Digits
DK40	1~4	01~08	01~06

LCR Plan 01-08	Route Definition # (see legend above)	Program 16 Exchange Line Group (see legend above)	Program 55 Modified Digits (see legend above)
08	4		
08	3		
08	2		
08	1		
07	4		
07	3		
07	2		
07	1		
06	4		
06	3		
06	2		
06	1		
05	4		
05	3		
05	2		
05	1		
04	4		
04	3		
04	2		
04	1		
03	4		
03	3		
03	2		
03	1		
02	4		
02	3		
02	2		
02	1		
01	4		
01	3		
01	2		
01	1		

Program 55 LCR Modified Digits Tables

Program Type: *Least Cost Routing*

Initialised Default: *See each program*

Processor	Modified Digits Tables
DK40	01-06

Program 55-0 Delete Number of Digits From the Front of Dialed Number

Initialised Default: *All tables blank*

Enter Prog Mode - **Spkr 5 5 Hold** - **Spkr** **0** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Modified Digits Table (see Program 55 Legend) FIGURE = Quantity of Digits (00-10) to be deleted.

**Program 55-0
Delete Digits Table**

Table Number	Quantity of Digits (01-10 max)	
01		
02		
03		
04		
05		
06		

Program 55-1 and 2

Add Digits Before and/or After the Dialed Number

Initialised Default: Leaves all tables blank except Delete Digits, which are all 00

Enter Prog Mode - **Spkr 5 5 Hold** - **Spkr** [] [] [] [] **...** [] **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Modified Digits Table

CODE = Digits added (up to 22)

- 1 = Add digits in front of number dialled
- 2 = Add digits at the end of number dialled (see Program 55 Legend)

Enter the digits to be added. Pauses may be coded as described in the pause entry reference table below.

Pause Entry Reference (Programs 55-1, 55-2)

Key/LED	Pause (Seconds)	Record Entry
08	16	P8
07	14	P7
06	12	P6
05	10	P5
04	8	P4
03	6	P3
02	4	P2
01	2	P1

Special Buttons

Key/LED	Function
09	Sub-Address
10	Convert DP to DTMF
11	Clear
12	Auth Code 1
13	Send Extension number
14	Auth Code 2
15	Auth Code 3
16	Auth Code 4
17	Auth Code 5
18	Auth Code 6
19	Auth Code 7
20	Auth Code 8

Add to FRONT of Dialed Number (Program 55-1)

Table No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
01																							
02																							
03																							
04																							
05																							
06																							

Add to END of Dialed Number (Program 55-2)

Table No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
01																							
02																							
03																							
04																							
05																							
06																							

Program 56 LCR Station Group Assignments

Program Type: *Least Cost Routing*

Initialised Default: *Assigns all stations to Group 1*

Enter Prog Mode - **Spkr 5 6 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Station Logical Port Number(s) Enter LCR Station Group (1~4)
Enter port numbers of stations being assigned.

To add a port range, enter XXX *XXX (low port * high port).

Processor	Port Range	Tie Line Station Port Range	LCR Station Groups
DK40	000-027	028-039	1-4

Port	
Port Number	LCR Station Group No. (1~4)
000	
001	
002	
003	
004	
005	
006	
007	
008	
009	
010	
011	
012	
013	

Port	
Port Number	LCR Station Group No. (1~4)
014	
015	
016	
017	
018	
019	
020	
021	
022	
023	
024	
025	
026	
027	

Tie Line Station Port	
Port Number	LCR Station Group No. (1~4)
028	
029	
030	
031	
032	
033	
034	
035	
036	
037	
038	
039	

Program 03 PIOU, PIOUS ACD/MIS Slot Assignments

Initialised Default: *n/a*

Enter Prog Mode - **Spkr 0 3 Hold** - **Spkr** **Hold** **Spkr # # Hold** - Power OFF (5 sec.) then ON

PIOU, PIOUS Slot Number (15~18) Enter 42 to assign the PIOU, PIOUS
TTY Port as MIS port.

Program 09

Auto Attendant Prompt/ACD Group Assignments

Initialised Default: *n/a*

Enter Prog Mode - **Spkr 0 9 Hold** - **Spkr** **# 4** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Dialed Digit(s)
Menu prompts offered to caller (1 or 2 digits)

AUTO ATT DIAL = ACD Group No.
Enter the ACD Group numbers which will receive Auto Attendant calls. Press * if establishing the first digit of a two digit dialling format.

Processor	ACD Group Numbers
DK40	01-08

Dialed Digit (Menu Prompts)	ACD Group Number	Department, Division, Etc.
0		
1 ¹		
2 ¹		
3 ¹		
4		
5		
6		
7		
8		
9		

¹ Do not use digits 1, 2, and 3, unless the station numbering plan is changed. These numbers conflict with the default station [PDNs] of the system.

Program *09

ACD Group Tie Line Digit Assignments (070~077)

Initialised Default: See table below

Enter Prog Mode - **Spkr * 0 9 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

ACD Group Port Number (3 digits)

Tie line digits assigned to ACD Group Port Number (1~4 digits)


Processor	ACD Group Port Numbers	Default Tie Line Digits
DK40	070~077	Blank

ACD Group Number	ACD Group Port Number	Tie Line Digits Assigned (1~4 Digits)
01	070	
02	071	
03	072	
04	073	
05	074	
06	075	
07	076	
08	077	

Program 10-4 ACD Parameters

Initialised Default: All LED's initialised as OFF

Enter Prog Mode - **Spkr 1 0 Hold** - **Spkr 4** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 4  Light Button/LED's as defined by the table below. If the X column is checked, the LED should be ON.

Button/ LED	X	LED ON	LED OFF
20			
19			
18			
17			
16			
15			
14			
13			
12			
11			
10			
09			
08			
07			
06			
05			
04		All Agents Unavailable Route: Per Prog. 14-5 (Overflow Point Destination)	All Agents Unavailable Route: Per Prog. 14-6 (After Shift Destination)
03		Agent receives Supervisor Monitor Tone/LCD display when being monitored	Agent does not receive Supervisor Monitor Tone/LCD display when being monitored
02			
01		ACD Mode: Most idle Agent receives next call	ACD Mode: Next Available Agent receives next call

Program *10 ACD Group DDI Ringing Assignments

Initialised Default: See table below

Enter Prog Mode - **Spkr * 1 0 Hold** - **Spkr** **#** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Select = ACD Gp No Enter the 1-4 Digit DDI Number to be dialled to access the ACD Group
Enter ACD Tag Number (0-9)

Processor	ACD Groups	ACD Gp Tags
DK40	01-08	0-9

ACD Group	Tag No.	DDI Digits
01	0	
01	1	
01	2	
01	3	
01	4	
01	5	
01	6	
01	7	
01	8	
01	9	

ACD Group	Tag No.	DDI Digits
02	0	
02	1	
02	2	
02	3	
02	4	
02	5	
02	6	
02	7	
02	8	
02	9	

ACD Group	Tag No.	DDI Digits
03	0	
03	1	
03	2	
03	3	
03	4	
03	5	
03	6	
03	7	
03	8	
03	9	

ACD Group	Tag No.	DDI Digits
04	0	
04	1	
04	2	
04	3	
04	4	
04	5	
04	6	
04	7	
04	8	
04	9	

ACD Group	Tag No.	DDI Digits
05	0	
05	1	
05	2	
05	3	
05	4	
05	5	
05	6	
05	7	
05	8	
05	9	

ACD Group	Tag No.	DDI Digits
06	0	
06	1	
06	2	
06	3	
06	4	
06	5	
06	6	
06	7	
06	8	
06	9	

ACD Group	Tag No.	DDI Digits
07	0	
07	1	
07	2	
07	3	
07	4	
07	5	
07	6	
07	7	
07	8	
07	9	

ACD Group	Tag No.	DDI Digits
08	0	
08	1	
08	2	
08	3	
08	4	
08	5	
08	6	
08	7	
08	8	
08	9	

Program 11 ACD Timing Assignments

Initialised Default: See table below

Enter Prog Mode - **Spkr 1 1 Hold** - **Spkr** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Code (1-9) _____ DATA = Time (min. or sec.)
 ACD Group No. _____
 Music Timer (1-3) _____
 (used only with Code 5, skip this entry for all other codes)

Processor	ACD Group Numbers
DK40	01-08



Code	Time	Initialised Data	Notes
1	0000~3600 sec.	0300 sec.	0000 = No Overflow
2	000~255 sec.	030 sec.	
3	000~255 sec.	060 sec.	
4	000~120 sec.	001 sec.	
5	000~999 sec.	030 sec.	
6	000~255 sec.	120 sec.	
7	000~600 sec.	240 sec.	
8	00~30 min.	01 min.	00 Disables Alarm Guard Timer; blocks Alarm Reset
9	00~60 min.	00 min.	00 Disables Timer

ACD Group No.	Code 1	Code 2	Code 3	Code 4	Code 5			Code 6	Code 7	Code 8	Code 9
	Queue Overflow Timer	Ring Agent Timer	Wrap-up Timer	RBT before Announce Timer	Connect to Music Timer			Call Waiting Alarm Timer 1	Call Waiting Alarm Timer 2	Alarm Guard Timer	Disconnect of ACD Call Timer
					1	2	3				
01											
02											
03											
04											
05											
06											
07											
08											

Program 14-0 Loop Start Line Direct to ACD Group Assignments

Initialised Default: No Exchange lines assigned to direct ring to ACD Groups (all LED's OFF)

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 0** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 0   Light Button/LED's of Exchange lines that should be assigned to the ACD Group.

Processor	ACD Group Number	Exchange Line Range
DK40	01-08	001-012

LED	Exchange Line	ACD Group							
		01	02	03	04	05	06	07	08
12	12								
11	11								
10	10								
09	09								
08	08								
07	07								
06	06								
05	05								
04	04								
03	03								
02	02								
01	01								

Program 14-1 ACD Agent Identification Code Assignments

Initialised Default: Group Number = 01 & Agent ID Log In Code = blank

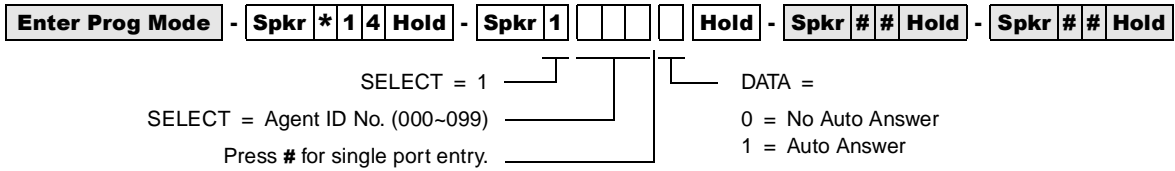
Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 1** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 1   DATA = Agent ID Log in Code (0000-9999)
 SELECT = Agent ID No. (000-099)  DATA = ACD Group No.

Use the Record Sheet that follows Program 18.

Program *14-1 Auto Answer with Zip Tone Assigned to Agent ID

Initialised Default: Group Number = 01. Agent ID Code = blank. DATA 0 = No Auto Answer.



Use the Record Sheet that follows Program 18.

Program 18 Agent Names for SMIS/MIS Assignments

Initialised Default: *Initialised Data is blank*

Enter Prog Mode - Spkr 1 8 Hold - Spkr ... Hold - Spkr # # Hold - Spkr # # Hold

SELECT = Agent ID No. (000~099) _____ DATA = Agent Name (8 characters maximum)

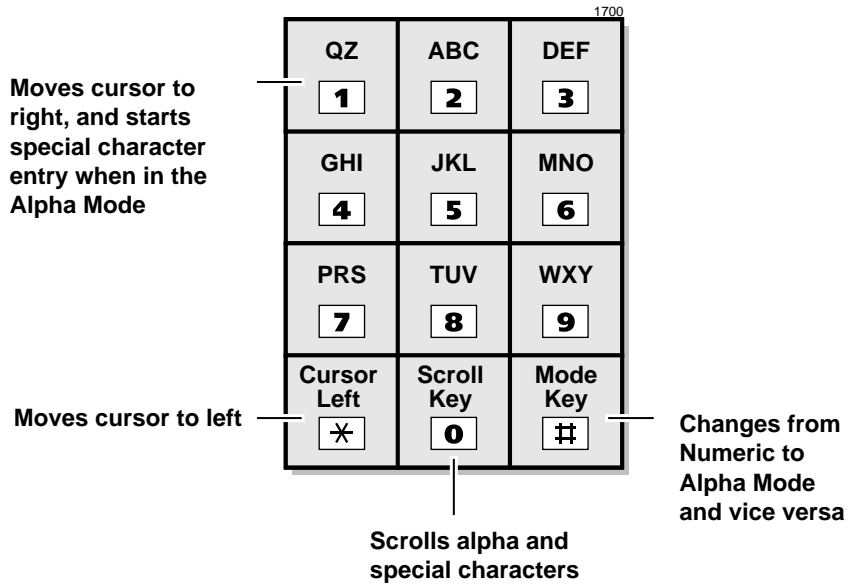
Processor	Agent ID Numbers	ACD Group Numbers	Maximum Number of Agent ID Codes
DK40	000~099	01~08	100

Program *14-1 Auto Answer with Zip Tone	Program 14-1			Program 18 Agent Name (8 characters max.)
	Agent ID Number	ACD Group Number	Agent ID Code (4 digits max.)	
	000			
	001			
	002			
	003			
	004			
	005			
	006			
	007			
	008			
	009			
	010			
	011			
	012			
	013			
	014			
	015			
	016			
	017			
	018			
	019			
	020			
	021			
	022			
	023			
	024			
	025			
	026			
	027			
	028			
	029			
	030			
	031			
	032			
	033			
	034			
	035			

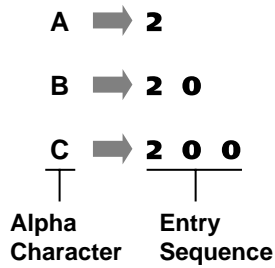
Program *14-1 Auto Answer with Zip Tone	Program 14-1			Program 18 Agent Name (8 characters max.)
	Agent ID Number	ACD Group Number	Agent ID Code (4 digits max.)	
	036			
	037			
	038			
	039			
	040			
	041			
	042			
	043			
	044			
	045			
	046			
	047			
	048			
	049			
	050			
	051			
	052			
	053			
	054			
	055			
	056			
	057			
	058			
	059			
	060			
	061			
	062			
	063			
	064			
	065			
	066			
	067			
	068			
	069			
	070			
	071			
	072			
	073			
	074			
	075			
	076			
	077			
	078			
	079			
	080			
	081			
	082			
	083			
	084			

Program *14-1 Auto Answer with Zip Tone	Program 14-1			Program 18 Agent Name (8 characters max.)
	Agent ID Number	ACD Group Number	Agent ID Code (4 digits max.)	
	085			
	086			
	087			
	088			
	089			
	090			
	091			
	092			
	093			
	094			
	095			
	096			
	097			
	098			
	099			

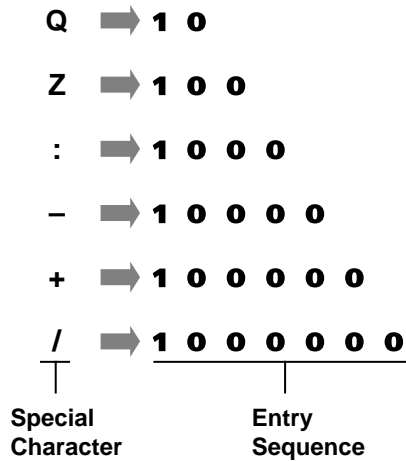
Alpha Mode



Alpha Entry (Example):



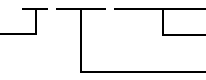
Special Character Entry:



Program 14-2 ACD Supervisor Passwords

Initialised Default: All blanks

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 2** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 2  DATA = Supervisor ID Code (0000~9999)
GROUP = ACD Group No.

Processor	ACD Group Numbers
DK40	01~08

ACD Group Number	Supervisor ID Code	Name
01		
02		
03		
04		
05		
06		
07		
08		

Program *14-2 Tie Line After Shift/Overflow Substitution Destinations

Initialised Default: Port 000

Enter Prog Mode - **Spkr * 1 4 Hold** - **Spkr 2** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 2 ———— DATA =
 SELECT = ACD Group No. ———— DDI/Tie Overflow Substitution Destination

Processor	ACD Group Numbers
DK40	01-08

DK40	Tie Overflow Substitution Destination
000-027	Station [PDN] Program 04 Port No.

ACD Group Number	Destination
01	
02	
03	
04	
05	
06	
07	
08	

Program 14-3 Announcement/Music Port and Queue Pattern

Initialised Default: All Blanks

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 3** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 3
Code (1~5)
ACD Group No.

DATA = Port number of Music or Announcement Source
Enter blanks with Button/LED 01.

Processor	ACD Group Numbers	Port Numbers
DK40	01~08	000~027

Code 1	Enter the RSTU (or equivalent) port number of the first announcement.
Code 2	Enter the RSTU (or equivalent) port number of the second announcement if queue pattern has three announcements. (Enter Code 2 assignment only if there are three announcements. Skip to Code 3 if only two announcements are used for the ACD Group queue.
Code 3	Enter the second announcement port for two-announcement queue patterns or enter the third announcement port for three-announcement queue patterns.
Code 4	Enter the RSTU Music Source port number or enter 999 if the music source is a Music-on-Hold (MOH) source.
Code 5	Enter the announcement number (1~3) of the first announcement that should repeat to calls in queue.

ACD Group Number	Code 1 Announcement 1 Port	Code 2 Announcement 2 Port	Code 3 Announcement 2 or 3 Port	Code 4 Music Source Port	Code 5 Repeat Announcement No.
01					
02					
03					
04					
05					
06					
07					
08					

Program 14-4 Queue Time Out Overflow Destination

Initialised Default: Port 000

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 4** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 4 ——— DATA = Queue Timeout Overflow Destination
 SELECT = ACD Group No. ———

Processor	ACD Group Numbers	[PDN] Port Range
DK40	01-08	000-027

DATA	Queue Timeout Overflow Destination
See [PDN] Port Range	Station (See [PDN] Port Range)
301-308	ACD Group
320	Auto Attendant (DK Built-in)
321	Normal Exchange line; Ring assignments not including delayed ringing assignments

ACD Group No.	Overall Queue Time Out Destination
01	
02	
03	
04	
05	
06	
07	
08	

Program 14-6 After Shift Service Destination

Initialised Default: *Destination = Incoming port 000*

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 6** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 6 DATA = Destination
 SELECT = ACD Group No.

Processor	ACD Group Numbers	[PDN] Port Range
DK40	01-08	000-027

DATA	Destination
See [PDN] Port Range	Station [PDN] Program 04 Port No.
301-308	ACD Group
320	Auto Attendant (DK Built-in)
321	Normal Exchange line; Ring assignments not including delayed ringing assignments

ACD Group No.	After Shift Destination
01	
02	
03	
04	
05	
06	
07	
08	

Program 14-71

Queue Size for Alarm, Immediate Assignments

Initialised Default: Queue Size = 010

Enter Prog Mode - Spkr 1 4 Hold - Spkr 7 1 Hold - Spkr # # Hold - Spkr # # Hold

SELECT = 71 _____ DATA = Queue Size
 SELECT = ACD Group No. _____

Processor	ACD Group Numbers	Queue Size
DK40	01-08	001-048

ACD Group No.	Queue Size
01	
02	
03	
04	
05	
06	
07	
08	

Program 14-72 Queue Size for Alarm 1

Initialised Default: *Queue Size = 010*

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 7 2** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 72 _____ DATA = Queue Size
 SELECT = ACD Group No. _____

Processor	ACD Group Numbers	Queue Size
DK40	01-08	001-048

ACD Group No.	Queue Size
01	
02	
03	
04	
05	
06	
07	
08	

Program 14-73 Queue Size for Alarm 2

Initialised Default: Queue Size = 010

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 7 3** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 73 DATA = Queue Size
 SELECT = ACD Group No.

Processor	ACD Group Numbers	Queue Size
DK40	01-08	001-048

ACD Group No.	Queue Size
01	
02	
03	
04	
05	
06	
07	
08	

Program 14-8 Alarm Pattern Assignments

Initialised Default: 0 for each group

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 8** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 8
 SELECT = ACD Group No.

DATA = Pattern (0, 1, or 2)
 0 = None
 1 = Immediate Alarm (Program 14-71)
 2 = Alarm Timer 1 and 2 (Program 14-72, 11-6 and Program 14-73, 11-7)

Processor	ACD Group Numbers
DK40	01-08

ACD Group No.	Alarm Pattern
01	
02	
03	
04	
05	
06	
07	
08	

Program 14-9

Work Unit Assignments

Initialised Default: *account digits for each Group = 02*

Enter Prog Mode - **Spkr 1 4 Hold** - **Spkr 9** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = 9 DATA = Account Digits (01~15)
 SELECT = ACD Group No. _____

Processor	ACD Group Numbers
DK40	01-08

ACD Group No.	Number of Work Unit Digits
01	
02	
03	
04	
05	
06	
07	
08	

Program 39 Flexible Button Assignments for ACD Telephones

Initialised Default: Logical port number = physical port number
 Program 90, 91-1, or 91-9 initialises Program 02

Enter Prog Mode - **Spkr 3 9 Hold** - **Spkr** [] [] [] **#** [] [] [] **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

SELECT = Port Number or Range. _____
 To add a port range, enter XXX*XXX
 (low port * high port)
 Press Button/LED to be defined. _____

CODE = _____
 Enter the appropriate feature code. See the
 Feature Code Table below.

Processor	[PDN] Port Range
DK40	000-027

Toshiba highly recommends that you enter the button keypad names exactly as shown in the left column, since these button names are used in the ACD Agent and Supervisor Guides.

ACD Feature Button Designation	Feature Code	Program on Agent Telephone	Program on Supervisor Telephone	Notes
Log In/ Log Out (Agent)	451	X		Used by Agents to Log In/Out. Log In/Out + ZZZZ (ZZZZ = Agent ID code)
Log in/ Log Out (Supervisor)	451		X	Used by Supervisor to Log In/Out Log In/Out + YYYY (YYYY = Agent ID code)
PDN or Pooled Line Group	Program [PDN] or Pooled Line Group Button in Program 39	X		Each Agent telephone must have a unique, single-appearing [PDN] or Pooled Line Grp button to receive and originate ACD calls. When the Agent logs into an ACD Group from any [PDN], that [PDN] is the active ACD Button on the Agent telephone. (Supervisor telephones do not require a unique [PDN] or Pooled Line Grp button unless the Supervisor telephone will be used as an Agent telephone periodically.)
Work Unit	444	X		Enables the Agent to peg an ACD call with an account number that will be sent to a SMIS personal computer and/or SMDR device.
ACD Pickup	446	X	X	Provides ACD call pickup within the Group. The Agent must be logged into the same Group in order to pick up the ACD call. The Pickup call is considered an ACD call on the MIS status report.
Unavailable	452	X		Turns the Agent's availability off and on. While in this mode, the Agent does not receive any new incoming ACD calls.
ACD Help	449	X		Rings a Supervisor [DN] button, enabling an Agent to request assistance while talking on an ACD call. Calls the highest numbered Supervisor telephone or [PDN]
End After Call Work Time	445	X		Manually cancels unused wrap-up time. This enables an Agent to receive another ACD call.

ACD Feature Button Designation	Feature Code	Program on Agent Telephone	Program on Supervisor Telephone	Notes
End Of ACD Shift	443		X	Enables the Supervisor to stop new calls from entering the ACD Group queue or from ringing Agents. The End of ACD Shift mode routes new calls to the After Shift destination set in Program 14-6. A Supervisor must be logged in to use this button.
Transfer to ACD Group	Conf/Trn + #406XX	X	X	Program this Speed Dial sequence on telephones that must transfer calls to ACD Groups. This enables one-touch transfer of Exchange lines (ground/loop start or DDI/tie) to ACD Group XX. XX = ACD Group 01-08. Transfer to an ACD Group is always blind and immediate and does not recall the transferring station. If the ACD Group shift is ended or all Agents are unavailable, the transferred call is routed per the called Group's After Shift or All Agents Unavailable destination.
Monitor ACD Call	447		X	Used by Supervisor to monitor Agent calls (Supervisor telephone only). Enables the Supervisor to listen to any Agent's ACD calls (not non-ACD or PBX calls) by pressing the Monitor ACD Call button and then entering the Agent's ID code. During Agent monitoring, a one-way talk path enables the Supervisor to listen to the Agent/outside party conversation without the Agent/caller hearing the Supervisor. An optional "Call Monitor" tone (dial tone burst) can be sent to the Agent/caller every 15 seconds (see Program 10-4, LED 03) while the Supervisor is monitoring the ACD call. The Agent LCD displays MONITOR BY SUPRV when this option is enabled.
Queue Status	[PDN] + #404XX		X	Program these speed dial buttons on the Supervisor's telephone to enable quick access to Queue Status, Agent Status, and one-touch Supervisor log in. (XX = ACD Group 01-16)
Agent Status	[PDN] + #405XX		X	
Reset Queue Alarm	448		X	Used to reset a queue alarm that is sent to the Supervisor telephone when the number of calls in queue exceeds the limits of queue alarm parameters (see Programs 14-71-73, 14-8, 11-6, and 11-7 for queue alarm parameters).
Supervisor Call	Program [PDN] in Program 39		X	This is the [PDN] of the Supervisor telephone. Toshiba recommends programming more than one [PDN] onto Supervisor telephones to enable Agent Help (assistance) calls to ring busy Supervisor telephones. Also program Agents with Busy Station Transfer and Supervisors with Busy Station Ring (see Program 35 BST and BSR).

Speed Dial Codes	Speed Dial Code	Program on Agent Telephone	Program on Supervisor Telephone	Notes
(station)	*10~*49	X	X	All of the above ACD Features can be programmed onto SD buttons or onto speed dial codes. This table shows the range of Station and System Speed Dial Codes by processor.
(system)	*600~*999	X	X	

Program 76-2 ACD Group DDI Alpha-Tagging Assignments

Program Type: System

Initialised Default: Initialised Data is Blank

Enter Prog Mode - **Spkr 7 6 Hold** - **Spkr 2** **...** **Hold** - **Spkr # # Hold** - **Spkr # # Hold**

Enter the two digit group and tag number to have an Alpha-tag assigned.

SELECT = 2

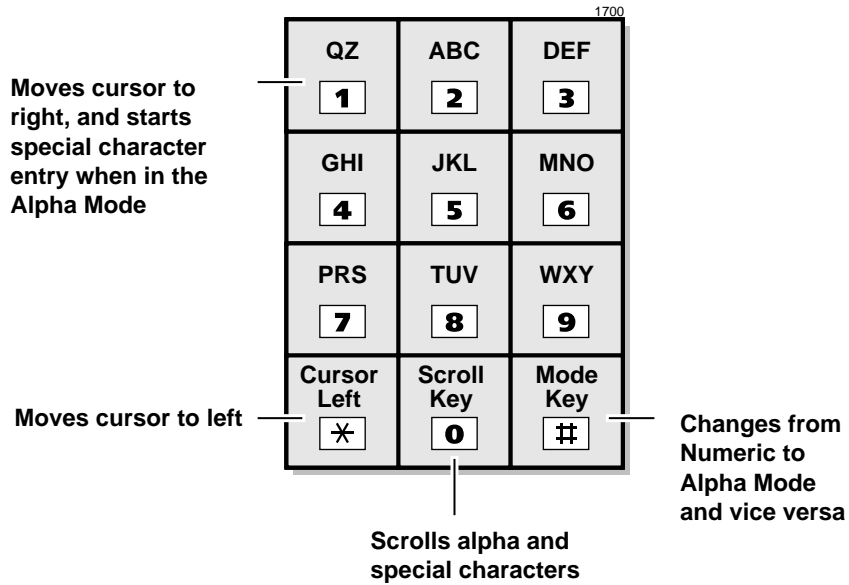
Group Alpha-tag
Enter the group Alpha-tag.
See the following page for details of how to enter the Alpha-tag

Copy this page for more ports/groups.

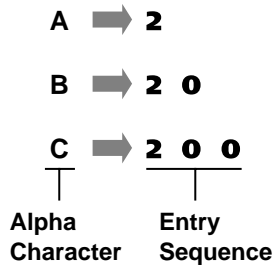
ACD Gp No.	Tag No.	Alpha Tag (16 Characters Max.)															
01	0																
01	1																
01	2																
01	3																
01	4																
01	5																
01	6																
01	7																
01	8																
01	9																
02	0																
02	1																
02	2																
02	3																
02	4																
02	5																
02	6																
02	7																
02	8																
02	9																
03	0																
03	1																
03	2																
03	3																
03	4																
03	5																
03	6																
03	7																
03	8																
03	9																
04	0																
04	1																
04	2																
04	3																
04	4																
04	5																
04	6																
04	7																
04	8																
04	9																

ACD Gp No.	Tag No.	Alpha Tag (16 Characters Max.)																	
05	0																		
05	1																		
05	2																		
05	3																		
05	4																		
05	5																		
05	6																		
05	7																		
05	8																		
05	9																		
06	0																		
06	1																		
06	2																		
06	3																		
06	4																		
06	5																		
06	6																		
06	7																		
06	8																		
06	9																		
07	0																		
07	1																		
07	2																		
07	3																		
07	4																		
07	5																		
07	6																		
07	7																		
07	8																		
07	9																		
08	0																		
08	1																		
08	2																		
08	3																		
08	4																		
08	5																		
08	6																		
08	7																		
08	8																		

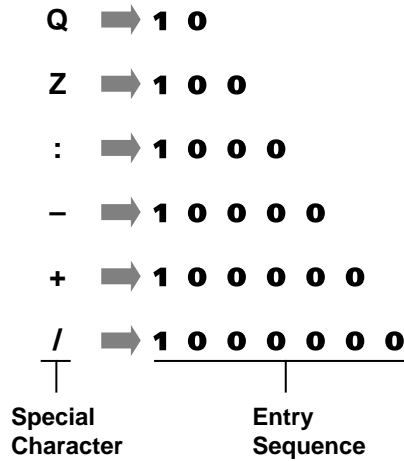
Alpha Mode



Alpha Entry (Example):



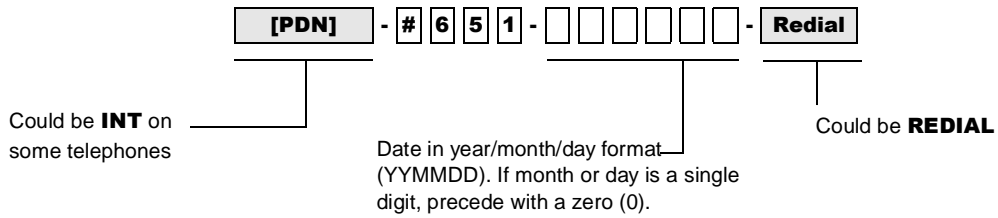
Special Character Entry:



How to Set the Date

The date must be set from the digital telephone assigned to logical Port 000 (station 10).

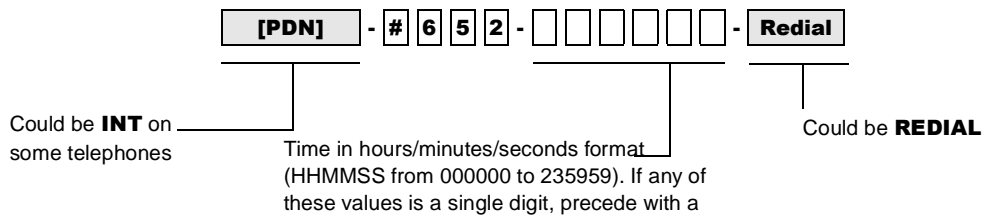
Press the following button sequence with the handset on the hook:



How to Set the Time

The time must be set from the digital telephone assigned to logical Port 000 (station 10).

Press the following button sequence with the handset on the hook:



Setting System Time

The day must be set from the digital telephone assigned to logical Port 000 (station 10).

Press the following button sequence with the handset on the hook:

