



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NEC DSX PROGRAMMERS. You'll find the answers to all your questions on the NEC DSX PROGRAMMERS in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual NEC DSX PROGRAMMERS**  
**User guide NEC DSX PROGRAMMERS**  
**Operating instructions NEC DSX PROGRAMMERS**  
**Instructions for use NEC DSX PROGRAMMERS**  
**Instruction manual NEC DSX PROGRAMMERS**

Empowered by Innovation **NEC**

Telephone Programming  
Features  
Intralink  
Cross Reference  
DSX  
Programmer List

**DSX**

**Programmer's Quick Reference**

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**Manual abstract:**

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*A. Table of Contents Table of Contents Telephone Programming . . . .*

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*35 DSX Program List. . . . .*

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... 49 DSX Programmer's Quick Reference Table of Contents i Table of Contents ii Table of Contents DSX Programmer's Quick Reference Telephone Programming Telephone Programming Telephone Programming Entering the Programming Mode Entering the Programming Mode From any DSX keyset: 1. 2.

3. Press INTERCOM. Dial #\*\*#. Enter the system password. · 0000 = System Administrator 1 (level 1) · 9999 = System Administrator 2 (level 2) · 632379 (NECDSX) = Installer (level 3) Press HOLD.

See Navigating through Telephone Programming on the next page for more. 4. 5. DSX Programmer's Quick Reference Telephone Programming 1 Telephone Programming Navigating through Telephone Programming Use the following guidelines when using the DSX telephone programming. Navigation Option Soft Keys 22- and 34-Button Keypad Flashing Cursor Super Display Keypad Navigation (Line 1) Use this line to select the program, option, port, extension, or table you want to customize. After entering the programming mode and selecting a program (e.g. 2104-01), Navigation (line 1) shows: · The program (2104) and option number (01). · The port's extension number - if any (Ext-300) · The station, line, COS, or table number (Sta-001). Navigation (Line 1) [ ] = Soft Key To advance to the option line (for editing data): 1.

While the option is flashing (e.g., 01 in the above example), press HOLD twice. · Pressing Volume up and Volume down will scroll through the options for the selected port. To select another extension and advance to the option line (for entering data): 1. While the option is flashing (e.g., 01 in the above example), press HOLD + Enter extension number + HOLD. To navigate by extension or station instead of option: 1. 2.

3. While the option is flashing (e.g., 01 in the above example), press [>>] or TRANSFER. · Select either the extension number or station port. Press Volume Up and Volume Down to scroll through the same option for stations or extensions, depending on which you selected. Press [Select] or HOLD to advance (drill down to) the option. Key Options HOLD or [Select] Advance (drill down to) Options. Sequentially back up (and out) of programming. · SPEAKER normally flashes green.

In the data entry mode it flashes red. Sequentially back up (and out) of programming. SPEAKER [Back] 2 Telephone Programming DSX Programmer's Quick Reference Telephone Programming Navigation Telephone Programming Option Soft Keys 22- and 34-Button Keypad Flashing Cursor Super Display Keypad Option (Line 2) Use this line to enter data for the option selected. Option (line 2) shows: · The option selected (Actv Brightness). · The current setting (8). Option (Line 2) [ ] = Soft Key To enter new data for the option selected: 1. Do one of the following. a. b. For alphanumeric entries (such as a timer value), enter the value + HOLD or [Select].

For list (fixed-choice) entries, do one of the following: i Press the Feature Key (if illuminated) for the option you want. · The key for the currently programmed entry is green - all other selections are red. · If there are more than 12 choices for an option, Feature Key selection is not available. Dial the entry number. Press Volume up or Volume down to scroll through the available entries. ii iii Key Options HOLD or [Enter] Initially after entering data, it returns you to the same option. Subsequent presses do one of the following: · If the option is selected in the Navigation line, advances to the next option. · Subsequent presses eventually return you to the Navigation line for the program's first option. · If a port, COS, or table is selected in the Navigation line, advances to the item of same type. · Subsequent presses eventually return you to the first port, COS, or table.

· If an extension is selected in the Navigation line, advances to the next extension. · Subsequent presses eventually return you to the first extension. Sequentially back up (and out) of programming. · SPEAKER normally flashes green. In the data entry mode it flashes red.

Sequentially back up (and out) of programming. Does one of the following while editing alphanumeric entries: · Clears character to the right (except at beginning and end of line). · At beginning of line, erases entire entry. · At end of line, becomes a backspace key Restore the previous entry, SPEAKER [Back] CLEAR CHECK DSX Programmer's Quick Reference Telephone Programming 3 Telephone Programming 4 Telephone Programming DSX Programmer's Quick Reference Features Features Features Features DSX Programmer's Quick Reference - Features (Page 1 of 19) Feature Description Programming A Account Codes Categorize and/or restrict outside calls. General Account Code Programming 1551-02: Account Codes in Speed Dial 1551-01: # to enter Account Code 1551-03: Hide Account Codes 2121-[01-24]: 26 for Account Code key 2402-[01-60]: 26 for DSS Console Account Code key Forced Account Codes 2101-01: Extension Class of Service 1412-04: Enable Forced Account Codes 1412-06: Account Codes for Toll Calls Only 1551-04: Account Code Toll Restriction Level 3111-01: Disable Forced Account Codes per line Verified Account Codes 2101-04: Extension Class of Service 1412-05: Enable Verified Account Codes 36xx: Verified Account Codes Table 1501-01: Number of operators 1502-01: Operator 1 1502-02: Operator 2 1502-03: Operator 3 1502-04: Operator 4 2114-03: Station's Operator Assignment Operation: Answer or place call + Acct Code [Acct] + Dial Code + Acct Code [Acct] The system's call processing focal point.



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Attendant Position Operation: INTERCOM + Dial 0. Auto Redial Operation: Auto Redial can periodically retry an outside number. 1602-06: Repeat Redial Timer 1602-07: Repeat Redial Busy Timer Place call and hear busy + Auto Redial [Alnd] DSX Programmer's Quick Reference Features 5 Features DSX Programmer's Quick Reference - Features (Page 2 of 19) Feature Description Programming Automatic Handsfree Operation: Place or answer a call Handsfree by just pressing a key. Automatic when you press the key. 1512-01: Enable system-wide 2112-01: Enable for extension B Background Music Operation: Broadcast music through the telephone speaker. Press HOLD to turn BGM on and off. In an emergency, get through to a coworker right away. 1521-03: Select music source 2111-02: Allow for extension Barge In 2102-01: Extension Class of Service 1402-02: Enable Barge In 1401-03: Enable Privacy to block Barge In Operation: Call busy extension or line + Barge In [More + Barg] C Call Coverage Keys Cover a co-worker's calls from your own extension. 2121-[01-24]: 06 for Immediate Ring Call Coverage key 2121-[01-24]: 07 for No Ring Call Coverage key 2121-[01-24]: 08 for Delay Ring Call Coverage key 2402-[01-60]: 06 for DSS Console Immediate Ring Call Coverage key 2402-[01-60]: 07 for DSS Console No Ring Call Coverage key 2402-[01-60]: 08 for DSS Console Delay Ring Call Coverage key 1604-02: Call Cover Delay Ring Timer Operation: Press key to answer or place call to covered extension. Redirect calls to another extension.

2102-01: Extension Class of Service 1406-02: Enable Internal Call Forwarding 1601-03: Call Forward No Answer Timer 2102-04: Programming Access Level 2121-[01-24]: 27 for Call Forwarding key 2402-[01-60]: 27 for DSS Console Call Forwarding Call Forwarding key Operation: INTERCOM + \*3 + Select Type + Select Destination + 2 (all calls) or 8 (outside calls only) Call Forwarding Off-Premises A user can reroute their calls to an off-site location. 2102-01: Extension Class of Service 1406-01: Enable Call Forwarding Off-Premises 1406-02: Enable Internal Call Forwarding 2111-09: Enable Personal Speed Dial 3103-04: Enable Tandem Calls 215x: Enter Personal Speed Dial numbers Operation: INTERCOM + \*3 + 3 + Select, store or view + 2 (all calls) or 8 (outside calls only) Call Timer Operation: Keep track of time on the phone. 2121-[01-24]: 16+1 for Manual Call Timer key, 16+2 for Automatic Call Timer key Starts automatically (automatic timer key) or press to start (manual timer key) 6 Features DSX Programmer's Quick Reference Features DSX Programmer's Quick Reference - Features (Page 3 of 19) Feature Description Programming Call Waiting / Camp-On Helps users know when they have additional calls waiting. 2102-01: Extension Class of Service 1402-03: Camp-On to Busy Extension 1512-02: Call Waiting Tones (system-wide) 2116-01: Off Hook Signaling for incoming Inter- com Calls 1401-03: Privacy blocks Camp On Operation: Call busy extension + Dial 2 Leave a Callback request at a busy extension for a return call. 2102-01: Extension Class of Service 1402-03: Camp-On to Busy Extension 1512-02: Call Waiting Tones (system-wide) 2116-01: Off Hook Signaling for incoming Inter- Features Callback com Calls 1401-03: Privacy blocks Camp On Operation: Call busy extension + Dial 2 + Hang up + Answer the Callback ring Displays phone number and optional name for incoming outside call. Basic Setup 3121-01: Set line's Caller ID type 2102-01: Extension Class of Service 1404-01: Caller ID Display 1404-04: Caller ID Display Separator 3131-01: Pass Caller ID to Voice Mail Second Call Caller ID 1404-02: Second Call Caller ID 2116-03: Off Hook Signaling for Incoming Outside Calls Third Party Caller ID 1404-03: Third Party Caller ID Setting Up Caller ID Callbacks 3711-01: Caller ID Callback Route Type 3711-01: Caller ID Callback Route, or 3711-01: Caller ID Callback Group 3712-01: Initialize Caller ID Dial Treatment Tables 3713-[01-16]: Home Area Code Table Caller ID Logging Types 2117-01: Caller ID Logging Type 2117-01: Overflow 3112-02: Enable Day Overflow 3112-03: Day Overflow Destination 3112-05: Enable Night Overflow 3112-06: Night Overflow Destination 1601-02: DIL No Answer Timer 1601-01: Line No Answer Timer Setting Up Line and Loop Keys 2121-[01-24]: 01 for Switched Loop key 2121-[01-24]: 02 + Line Group for Fixed Loop key 2121-[01-64]: 03 + Line number (1-64) for line key 2402-[01-64]: 03 + Line number (1-64) for DSS Console line key Features Operation: None Lets employees know which calls are just for them. Direct Inward Line Operation: Lift handset to answer Press DND to put your DIL in the night mode Access lines directly for priority users and testing. INTERCOM + 1 + Line number (01-64) 2102-01: Class of Service 1402-06: Direct Line Access Direct Line Access Operation: DSX Programmer's Quick Reference Features 9 Features DSX Programmer's Quick Reference - Features (Page 6 of 19) Feature Description Programming Direct Station Selection (DSS) Quickly place and transfer calls to co-workers. 2111-03: Enable DSS/BLF 2114-01: Do not enable Intercom Prime Line 2123-[01-24]: DSS/BLF Key Assignments Operation: INTERCOM + DSS key to call INTERCOM + DSS key + TRANSFER to Transfer Direct Station Selection (DSS) Console Operation: One-touch access to extensions, lines, and system features. See Feature Handbook. Allows co-workers to answer each other's calls. Place Intercom and Speed Dial calls from a displayed list of names. 1202-01: Primary Station Port Assignment (301-304) 2401-01: DSS Owner 2402-[01-60]: DSS Console Keys Directed Call Pickup Operation: 2131-[01-64]: Line Access not required INTERCOM + \*\* + Dial extension number 2101-02: Station Name 2151: Personal Speed Dial 1702: System Speed Dial 2201-01: Ring Group Name 2301-01: UCD Group Name 2121-[01-24]: 21 for Directory Dialing key 2402-[01-60]: 21 for Directory Dialing key Directory Dialing Operation: INTERCOM + 34 (Intercom), 37 (Personal Speed Dial), or 32 (System Speed Dial) Distinctive Ringing Users can customize their telephone's ringing. Distinctive Ring Configuration 2102-01: Class of Service 1405-01: Ring Type Configuration 2103-04: Station's Intercom Ring Tone 2103-05: Station's Ring Group Ring Tone 2103-06: Station's Recall Ring Tone 2103-07: Station's Ring "A" Tone 2103-08: Station's Ring "B" Ring Tone 2103-09: Station's Ring "C" Ring Tone Line Override 3112-02: Day Ring Type 3112-03: Night Ring Type 3112-04: Delay Ring Type Extension Ring Override 2102-01: Class of Service 1405-02: Station Ring Override 2103-01: Day Ring Type 2103-02: Night Ring Type 2103-02: Delay Ring Type Key Ring Override 2102-01: Class of Service 1405-03: Key Ring Override 2122: Ring Override Ring and UC D Group Unique Ringing 2201-02: Ring Group Incoming Ring Type 2301-02: UCD Group Incoming Ring Type Initialize Distinctive Ringing 9014-01: Initialize Ring Tones Operation: Program [Prog] + Ring + Assign [Asgn], Key, or Config [Cnfg] 10 Features DSX Programmer's Quick Reference Features DSX Programmer's Quick Reference - Features (Page 7 of 19) Feature Description Programming Do Not Disturb An extension user can work undisturbed by incoming calls and announcements.



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Operation: 2111-01: Allow Do Not Disturb DND + Type (0=Cancel, 1=External, 2=Intercom, 3=All) Do Not Disturb Override Operation: Override a co-worker's DND.

2102-01: Class of Service 1401-07: DND Override Call DND extension + DND Override [Ovrd] Remotely Monitor an entrance door. Basic Door Box Programming 2113-02: Ring Group (1-8) 2101-04: Door Chime Selection (0-3) 2PGDAD Module Door Box Setup 1203-01: Secondary Station Port Assignment Plug 2PGDAD into digital station port 1605-03: Door Relay Unlock Timer DSX-40 "Built-In" Door Box Setup 2101-06: Door Relay Assignment (Door 1 = 326., Door 2=327) Features Door Box Operation: At Door Box: Press Call button and speak. At keyset: Lift handset to answer chimes + (Optional) Open or Close to control door strike E Extended Ringing Lets call ring longer than usual for co-worker's that can't readily get to their phones. None Automatically routes calls to coworkers that work closely together.

2102-01: Class of Service 1401-02: Extended Ring 1603-03: Extended Ringing Timer Operation: Extension Hunting Circular and Terminal Hunting 2115-01: Hunt Type (1-4) 2115-01: Hunt Destination 1601-03: Call Forward No Answer Timer 1603-01: Transfer Recall Timer 1601-02: DIL No Answer Timer UCD Hunting 2115-01: Hunt Type (5) 2115-01: UCD Group Master Number 2302-01: UCD Group Overflow Destination 1601-04: UCD No Answer Timer 1601-03: Call Forward No Answer Timer Operation: To remove/reinstall your extension from your UCD Group: INTERCOM + \*5 + 4 (to reinstall) or 6 (to remove) + SPEAKER Secure your telephone to prevent unauthorized use. 2102-01: Class of Service 1412-03: Station Locking 2102-04: User Programming Access Level (4 or 5) 2102-05: Station PIN Code Extension Locking Operation: To lock: INTERCOM + ##5 To enter or change you PIN: INTERCOM + ##6 To unlock an extension from the attendant: INTERCOM + ##3 DSX Programmer's Quick Reference Features 11 Features DSX Programmer's Quick Reference - Features (Page 8 of 19) Feature Description Programming F Feature Keys Simplify telephone operation. 2121-[01-24]: Feature Keys 2115-05: Key Access for Outside Lines (for line keys) Operation: See Feature Handbook. Access CO and PBX features by interrupting line loop current. 1612-04: PBX/Centrex Flash Timer 2102-01: Class of Service 1403-01: Flash for Single Line Set Flash Operation: FLASH At SLT: Hookflash + #3 Change the digits users dial for coworkers and other features. 1301-01: Function Type 1301-01: Expected Number of Digits 1313-01: Line Extension Number 1315-01: UCD Group Master Extension Number 1314-01: Ring Group Master Extension Number Flexible Numbering Plan Operation: None Disconnect a co-worker's outside call in an emergency. 2102-01: Class of Service 1402-01: Forced Line Disconnect 2131-[01-64]: Line Access (option 2 or 3) Forced Line Disconnect Operation: Press busy line key + # G Group Call Pickup Easily answer a call ringing your Pickup Group. 2113-03: Pickup Group 3113-03: Pickup Group Assignment 2131-[01-64]: Line Access (option 1 or 3) 2132-[01-64]: Line Ringing 2121-[01-24]: 09 + Pickup Group (1-8) for Immediate Ring Group Call Pickup key 2121-[01-24]: 10 + Pickup Group (1-8) for No Ring Group Call Pickup key 2121-[01-24]: 11 + Pickup Group (1-8) for Delay Ring Group Call Pickup key 2402-[01-60]: 09 + Pickup Group (1-8) for DSS Console Immediate Ring Group Call Pickup key 2402-[01-60]: 10 + Pickup Group (1-8) for DSS Console No Ring Group Call Pickup key 2402-[01-60]: 11 + Pickup Group (1-8) for DSS Console No Ring Group Call Pickup key Operation: Press Group Call Pickup key or INTERCOM + \*#. Have your co-workers listen in on an important call. 2112-02: Headset Mode (must be No) Group Listen Operation: While on a handset call, press SPEAKER twice (but do not hang up).

12 Features DSX Programmer's Quick Reference Features DSX Programmer's Quick Reference - Features (Page 9 of 19) Feature Description Programming Group Ring Call a group of co-workers simultaneously. Basic Programming 2113-02: Ring Group 2201-01: Ring Group Name 2201-02: Ring Group Incoming Ring Type Setting Up Ring Group DILs 3112-01: Direct Termination in the Day 3112-02: Enable Day Overflow 3112-03: Day Overflow Destination 3112-04: Direct Termination at Night 3112-05: Enable Night Overflow 3112-06: Night Overflow Destination 2121-[01-24]: 03 + Line number (01-64) for keyset line key 2402-[01-60]: 03 + Line number (01-64) for DSS Console line key Adjusting Ring Group Timers 1601-01: Line No Answer Timer 1601-02: DIL No Answer Timer 1601-01: Line No Answer Timer Features Operation: To call: INTERCOM + Ring Group number To Transfer: INTERCOM + Ring Group master number + TRANSFER To answer: Lift handset To answer for another group: INTERCOM + \*\* + Ring Group number H Handsfree and Handsfree Answerback Talk over the phone using the built-in speaker and microphone. 1513-01: Intercom Voice Announcements 2112-03: Voice Announcements Through Speaker 1513-02: Handsfree Reply (Handsfree Answerback) 2112-05: Handsfree Replay (Handsfree Answerback) 3103-03: Loop Length Operation: Handsfree: Press SPEAKER Handsfree Answerback: Speak toward phone Have the privacy of a handset call without having to hold the handset. 2121-[01-24]: 28 for Headset key. 2112-02: Headset Mode 2112-04: Voice Announcements in Headset Mode Headset Compatibility Operation: To turn headset on or off: Press Headset key or #HS To use: Press line key or INTERCOM. Press SPEAKER to hang up Have a call wait on Hold, then pick it up to continue the conversation. 2102-01: Class of Service 1411-03: Automatic Hold 1603-02: Hold Recall Timer 1603-03: Exclusive Hold Recall Timer 1601-01: Line No Answer Timer Hold Operation: Keyset: Press HOLD once for System Hold, twice for Exclusive Hold SLT: Hookflash + \*7 + Hangup for Exclusive Hold DSX Programmer's Quick Reference Features 13 Features DSX Programmer's Quick Reference - Features (Page 10 of 19) Feature Description Programming Hotline Hotline provides partner extensions with one-button calling and transfer. 2121-[01-24]: 05 + Partner extension for Hotline key 2402-[01-60]: 05 + Partner extension for DSS Console Hotline key 2116-02: Off Hook Signaling for Calls from Hotline Partner 2102-01: Class of Service 1401-13: Hotline Automatic Transfer Operation: To call: Press Hotline key To Transfer call: Press Hotline key + TRANSFER I Interactive Soft Keys Operation: Just press a soft key for advanced features without remembering codes. Automatic when option enabled. Call any co-worker. 2102-01: Class of Service 1401-05: Soft Keys Intercom 1513-01: Intercom Voice Announcements 2112-03: Voice Announcements Through Speaker 1513-02: Handsfree Reply (Handsfree Answerback) 2112-05: Handsfree Reply (Handsfree Answerback) 1602-01: Interdigit Timer Operation: INTERCOM + Dial co-worker's extension K Key Ring Unanswered calls automatically ring co-worker's extensions.



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2132-[01-64]: Line Ringing 3112-01: Direct Termination in the Day (CLEAR) 3112-04: Direct Termination at Night (CLEAR) 1604-01: Delay Ring Timer 3112-02: Enable Day Overflow 3112-03: Day Overflow Destination 3112-05: Enable Night Overflow 3112-06: Night Overflow Destination 1601-01: Line No Answer Time 1603-01: Transfer Recall Timer Operation: Operation is automatic. L Language Selection Set up a telephone to show displays and soft keys in English or Spanish. 2102-01: Class of Service 1401-11: Language Programming 2101-03: Station Display Language 1541-03: SMDR Language Operation: N/A Quickly redial the last number dialed. 2131-[01-64]: Line Access 2102-01: Class of Service 1411-04: Enhanced Last Number Redial Last Number Redial Operation: REDIAL + Select number + SPEAKER to redial 14 Features DSX Programmer's Quick Reference Features DSX Programmer's Quick Reference - Features (Page 11 of 19) Feature Description Programming Line Group Routing Dial a single code to place a call over the first available line. 2113-01: Dial 9 Group 3201-[01-64]: Line Group 2131-[01-64]: Line Access 2133-[01-64]: Line Group Access 1301-09: Function Type 1301-09: Expected Number of Digits Operation: INTERCOM + 9 + Dial outside number 3201-[-1-64]: Line Group 2131-[01-64]: Line Access 2133-[01-64]: Line Group Access 1301-01: Function Type 1301-01: Expected Number of Digits Line Groups Dial codes to access Line Groups for outgoing calls. Features Operation: INTERCOM + Line Group code (90-98) + Dial outside number Line Keys Press a line key for one-touch access to an outside line. 2121-[01-64]: 03 + Line number (1-64) for keyset 2402-[01-64]: 03 + Line number (1-64) for DSS 2111-05: Key Access for Outside Lines 2131-[01-64]: Line Access (1, 2, or 3) 2132-[01-64]: Line Ringing (2, 3, or 4) 1604-01: Delay Ring Timer Operation: Press line key to place or answer outside call When all lines are busy: · Line Queuing lets you wait in line for a line to become free. · Line Callback will automatically call you back when a line is free. Loop keys simplify answering and placing outside calls. 2102-01: Class of Service 1411-01: Camp-On to Busy Lines 1411-02: Line Queue Priority Line Queuing / Line Callback Operation: Access busy line + Dial 2 + Hang up or wait for line to become free 2121-[01-24]: 01 for Switched Loop key 2121-[01-24]: 02 + Line Group for Fixed Loop key 3201-[01-64]: Line Group 2131-[01-64]: Line Access (1 or 3) 2132-[01-64]: Line Ringing (2, 3 or 4) 1604-01: Delay Ring Timer Loop Keys Operation: To answer: Press loop key. To place: Press key (Fixed Loop) or Press key + Line Group 90-98 (Switched Loop) M Meet-Me Conference Operation: Set up a multiple-party telephone conversation. Without voice mail, leave a Message Waiting request for a return call. 605-02: Meet Me Conference Join Timer Make or hear Page to announce Conference + Meet Me nn [MTnn] 4101-01: Voice Mail Type (0) 2102-01: Class of Service 1403-03: Special Dial Tone for Single Line Set 1403-04: High Voltage Message Waiting Lamp for Message Waiting Single Line Set. 1403-05: FSK Message Waiting Lamp for Single Line Set Operation: To leave: V-MAIL (or 8) To Answer: INTERCOM + V-MAIL (or 8) DSX Programmer's Quick Reference Features 15 Features DSX Programmer's Quick Reference - Features (Page 12 of 19) Feature Description Programming Monitor / Silent Monitor Operation: Silently monitor a co-worker's phone. Call busy co-worker + 6 Callers can listen to music while they wait on Hold. 2102-01: Class of Service 1402-04: Silent Monitor Music On Hold 1521-01: Enable Music on Hold 3103-05: Music on Hold Source 1521-05: Audio Input 1 Gain Setting 1521-06: Audio Input 2 Gain Setting 1521-02: Music on Hold for Transferred Calls Operation: N/A N Names for Extensions and Lines Names help identify lines and extensions. 2102-01: Class of Service 1401-10: Name Programming 2102-04: User Programming Access Level 1011-01: System Name 1702-[-1-100]: System Speed Dial Bin Name 2101-02: Station Name 2151-[01-20]: Personal Speed Dial Bin Name 2201-02: Ring Group Name 2301-01: UCD Group Name 2501-[01-16]: Selectable Display messages 3101-02: Line Name 4111-01: Voice Mail Port Name 2102-01: Class of Service 1402-05: Activate Night Mode 2121-[01-24]: 18+ CLEAR for System night key 2402-[01-60]: 18+ CLEAR for DSS Console System Operation: Program + Name [Prog + MORE + MORE + Name] Night Service / Night Ring Reroute calls after hours. night key 2132-[01-64]: Line Ringing 1604-01: Delay Ring Timer Operation: To activate or deactivate: Press System night key To answer a call over the Paging speakers: INTERCOM + \*0 Off-Hook Signaling Helps important callers get through. 2116-01: Off Hook Signaling for Incoming Inter- com Calls 2116-02: Off Hook Signaling for Calls from Hotline Partner 2116-03: Off Hook Signaling for Incoming Outside Calls N/A Operation: 16 Features DSX Programmer's Quick Reference Features DSX Programmer's Quick Reference - Features (Page 13 of 19) Feature Description Programming P Paging Broadcast announcements or quickly locate co-workers.

Basic Programming 2113-05: Page Group (Zone) 2112-06: Paging Through Speaker 2102-01: Class of Service 1407-01: Make All Call Page 1407-02 through 08: Make Page Into Zones 1-7 1605-01: Page Duration Timer 2121-[01 to 24]: 13 + Zone number for Page key 2402-[01-60]: 13 + Zone number for DSS Console Page key Page Relay Control 2101-06: Door Relay Assignment External Paging Options 1531-01: External Page Ring Type 1532-[01-64]: External Page Line Ringing 1604-01: Delay Ring Timer 1531-03: External Page Ring Volume 1531-05: External Page Gain 1531-02: Extension Ring Over External Page 1531-04: Door Chime Over External Page 2101-04: Door Chime Selection 1521-04: Background Music over External Page 1603-04: Park Orbit Recall Timer 2121-[01 to 24]: 04 + Orbit for Park Orbit key 2402-[01 to 60]: 04 + Orbit for DSS Console Park Features Operation: INTERCOM + \*1 + Page zone (1-7 or 0 for All Call) Park Park a call in orbit so a co-worker can pick it up. Orbit key Operation: System: TRANSFER + \* + Orbit (60-69) Personal: TRANSFER + \*\* + Extension number Provides unique features when connected to a PBX or Centrex. N/A Get dial tone for a new outside or Intercom call just by lifting the handset. Lift handset Prevent interruptions at high priority extensions. 2102-01: Class of Service 1401-03: Privacy 2114-01: Prime Line Type 2114-01: Prime Line Key 2114-01: Prime Line Line 2114-01: Prime Line Group 3101-04: PBX Line 3401-01: PBX Access Code Digits PBX / Centrex Compatibility Operation: Prime Line Preference Operation: Privacy Operation: N/A Quickly join a co-worker's outside call. 2113-04: Privacy Group 2131-[01-64]: Line Access Privacy Release Groups Operation: To join call: Press busy line key To prevent a member from joining your call: Place or answer call on a line key + Press line key until it turns green.



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DSX Programmer's Quick Reference Features 17 Features DSX Programmer's Quick Reference - Features (Page 14 of 19) Feature Description Programming Private Line Have a line reserved exclusively for your own use. 2131-[01-64]: Line Access 2132-[01-64]: Line Ringing 1604-01: Delay Ring Timer Operation: Press Private Line key to place or answer call, Customize the Super Display Telephone idle menu soft keys. 2124-[01-12]: Idle Menu Soft Key Assignments Programmable Idle Menu Soft Keys Operation: #SM + Press soft key + HOLD + INTERCOM + Volume Up or Volume Down to select option + CONF + SPEAKER Pulse to Tone Conversion Operation: Use special services (such as telephone banking) over dial pulse lines. 3101-01: Line Type 3103-03: DTMF Dialing Place call + Wait six seconds + Dial additional DTMF digits R Regional Defaults Removing Lines and Extensions from Service Operation: See Language Selection, Station Message Detail Recording, and Toll Restriction for more.

Temporarily remove problem extensions and lines from service. 2102-01: Class of Service 1402-06: Direct Line Access INTERCOM + #40 + Station or line extension number + 6 to remove or 4 to return + SPEAKER Reverse Voice Over Operation: Privately call a co-worker while you're busy on your handset. 2121-[01 to 24]: 23 + Partner extension number for Reverse Voice Over key While on a handset call, press Reverse Voice Over key to talk to partner, then release to return to your initial call. Call an extension, group, or Voice Mail by just lifting the handset. Lift handset Just lift the handset to answer a ringing call.

2111-04: Ringing Line Preference 2114-02: Station Ring Down Type 2114-02: Station Ring Down Destination Ringdown Extension Operation: Ringing Line Preference Operation: Lift handset S Save Number Dialed Operation: Save the number you just dialed for quick redialing. To save: Press Save key To redial saved number: Press Save key Co-worker's calling your extension receive personalized text messages. 2121-[01 to 24]: 25 for Save key 2402-[01-60]: 25 for DSS Console Save key Selectable Display Messaging Operation: 2102-01: Class of Service 1406-02: Internal Call Forwarding 2501-[01-16]: Selectable Display Messages Program + Call Forward + Message [Prog + C fwd + MORE + Msg] Single Line Telephones Operation: Connect analog single line telephones and fax machines. 2102-01: Class of Service 1403-02: Single ring for Single Line Set 1403-06: Loop Disconnect for Single Line Set See the DSX Telephone Feature Handbook. 18 Features DSX Programmer's Quick Reference Features DSX Programmer's Quick Reference - Features (Page 15 of 19) Feature Description Programming Speed Dial Store telephone numbers and feature codes for quick access Setting Up Personal Speed Dial 2111-09: Personal Speed Dial 2131-[10-64]: Line Access 3201-[01-64]: Line Group 2151: Personal Speed Dial Bin Assignment Setting Up System Speed Dial 2102-01: Class of Service 1401-01: System Speed Dial Access 2102-04: User Programming Access Level (4 or 5) 1701-01: Number of System Speed Dial Bins 1702-System Speed Dial Assignment Setting Up Speed Dial Feature Keys 2121-[01-24]: 15+ bin for Personal Speed Dial key, 14+bin for System Speed Dial key 2402-[01-60]: 15+ bin for DSS Console Personal Speed Dial key, 14+bin for DSS Console System Speed Dial key Additional Speed Dial Options 1602-04: Dial Pause Timer 1612-04: PBX/Centrex Flash Timer 1602-03: Dialtone Detect Timer Features Operation: #SP + Bin + HOLD + Line, Line Group, or INTERCOM + HOLD + Enter number to store + HOLD + Enter name + HOLD + SPEAKER Split (Alternate) Switch between active calls without Conferencing the calls together.

@@@@N/A Control access to system programming. @@@@ Enable mailboxes for installed extensions. @@ Set up the Automated Attendant to answer outside calls at night. Check each line's Answer Table assignment. @@@@ Automatically route Automated Attendant callers that don't dial. @@@@ Outside caller follows Instruction Menu A user can record a Greeting for their mailbox callers to hear. 4231: Dial Action Table Digit Assignments (GOTO mailbox, XXX, or IXXX) Operation: Greeting 4201-02: Subscriber Message Length Enabling Remote Greeting 4231: Dial Action Table Digit Assignment (LOGON to mailbox, N, XXX, or IXXX. Operation: G + Select Greeting 30 IntraMail DSX Programmer's Quick Reference IntraMail DSX Programmer's Quick Reference - IntraMail (Page 7 of 10) Feature Description Programming Group Mailbox Subscribers in the same group can share a Group Mailbox. Programming a Ring Group Mailbox 2113-02: Ring Group 2141-01: Station Mailbox Type For a Subscriber Mailbox 2211-01: Mailbox Type (1) 221x: Subscriber Mailbox options For a Routing Mailbox 2211-01: Mailbox Type (2) 2211-01: Routing Mailbox Number 422x: Routing Mailbox Options Programming a UCD Group Mailbox Set up UCD Hunting For a Subscriber Mailbox 2311-01: UCD Group Mailbox Type (1) 23xx: Subscriber Mailbox options For a Routing Mailbox 2311-01: Mailbox Type (2) 2311-01: UCD Group Routing Mailbox Number 422x: Routing Mailbox Options 2141-01: Station Mailbox Type (1) IntraMail Operation: N/A An outside party can have their own mailbox for receiving and sending messages. See Subscriber Mailbox for more.

See Subscriber Mailbox for more. Guest Mailbox Operation: H Hang Up Operation: An automated Attendant option that immediately hangs up the outside call. N/A 4231: Dial Action Table Digit Assignments L Listening to Messages While or after listening to a message, an extension user has many message handling options from which to choose. 4201-03: Message Backup/Go Ahead Time Operation: Log onto your mailbox + L An extension user can press V-MAIL to go onto (access) their mailbox. Remotely Logging Onto a Mailbox through the Automated Attendant 4231: Dial Action Table Digit Assignments (LOGON + mailbox, N, XXX, or IXXX) Log Onto Voice Mail Operation: V-MAIL or INTERCOM + \*8 M A Subscriber Mailbox user can dial MC to return a call without knowing their caller's number. 3121-01: Caller ID Type 1611-06: Caller ID Detection Timer 3131-01: Pass Caller ID to Voice Mail 3711-01: Caller ID Callback Route Type 3711-01: Caller ID Callback Line 3711-01: Caller ID Callback Group Make Call Operation: Log onto your mailbox + L + MC DSX Programmer's Quick Reference IntraMail 31 IntraMail DSX Programmer's Quick Reference - IntraMail (Page 8 of 10) Feature Description Programming Message Length Operation: Set the maximum length of a message that can be left in a user's mailbox. N/A Dials a telephone number to let the recipient know there are new messages in their mailbox. 4201-02: Subscriber Message Length 4201-01: Non-Subscriber Message Length Programming that Applies to All Types of Message Notification 4112-01: Outgoing Dial 9 Group 4111-02: Voice Mail Port Class of Service 4111-03: Voice Mail Port Toll Restriction Level (Day) 4114-04: Voice Mail Port Toll Restriction Level (Night) 4113: Voice Mail Port Outgoing Line Access 4114: Outgoing Line Group Access 4202-06: Number of Callout Attempts 2143-04: Message Waiting Lamp (Yes) Unique Programming for Non-pager Message Notification 4202-01: Wait Between Non-Pager Callout Attempts 4202-03: Wait Between Busy Non-Pager Callout Attempts 4202-04: Wait Between RNA Non-Pager Callout Attempts 4202-05: Wait for Answer Non-Pager Callout Attempts Unique Programming for Digital Pager Message Notification 4202-08: Digital Pager Callback Number 4202-09: Delay in Dialing Digital Pager Callback Number 4202-02: Wait Between Digital Pager Callout Attempts 4202-07: Send Pager Callout Until Acknowledged 3103-05: Music on Hold Source (5) 4201-02: Subscriber Message Length Message Notification Operation: Log onto mailbox + OP + N A prerecorded message can play to callers while they wait on Hold.



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To record from admin mailbox: SA + 1 An extension user can listen to their messages in either LIFO (last-in-firstout) or FIFO (first-in-first-out) order. N/A Automatically deletes a mailbox's messages after a preset time.

N/A Sets how many messages a mailbox can store. N/A 2142-01: Number of Messages 2142-02: Message Retention 2143-01: Message Playback Order Message on Hold Operation: Message Playback Direction Operation: Message Retention Operation: Message Storage Limit Operation: 32 IntraMail DSX Programmer's Quick Reference IntraMail DSX Programmer's Quick Reference - IntraMail (Page 9 of 10) Feature Description Programming Message Waiting Lamp Operation: The Ring/Message Lamp flashes when the user has new messages waiting in their mailbox. N/A By assigning a unique Answer Table to each line, a single IntraMail system can provide individual greetings and dialing options for several companies. N/A 2143-04: Message Waiting Lamp Multiple Company Greetings 3131-02: IntraMail Answer Table Assignment Operation: N Next Call Routing Mailbox Provides callers with additional dialing options after they leave a message in an extension's mailbox (depending on the setting of the Next Call Routing Mailbox Dial Mode). Programming Subscriber Mailboxes 2144-04: Next Call Routing Mailbox 2144-03: Dialing Option Programming Announcement Mailboxes 4223-03: Next Call Routing Mailbox 4223-01: Repeat Count 4223-02: Hang Up After IntraMail Operation: N/A Q Quick Message Automated Attendant callers can dial a digit followed by an extension number to leave a message directly in a user's mailbox.

4231: Dial Action Table Digit Assignments (REC1 or REC2) 4201-01: Non-Subscriber Message Length Operation: To leave a Quick Message: Dial \* + Leave message S Screened Transfer Similar to telephone system screened transfers in which the transferring party controls the transfer. N/A The mailbox type normally used for telephone system extensions. 4231: Dial Action Table Digit Assignment (1) 4222-03: Screened Transfer Timeout Operation: Subscriber Mailbox 2141-01: Station Mailbox Type (1) 2143-04: Message Waiting Lamp 4201-02: Subscriber Message Length 4201-01: Non-Subscriber Message Length Operation: N/A The extension user that has IntraMail system administration capabilities. Log onto admin mailbox + SA Re-initializing IntraMail returns all programmed options to their default values. 9011: System Initialization 2142-03: System Administrator System Administrator System Administrator Mailbox Operation: System Re-initialization Operation: To initialize: INTERCOM + #\*#\* + NECDSX + 9011 + HOLD + 1 + HOLD DSX Programmer's Quick Reference IntraMail 33 IntraMail DSX Programmer's Quick Reference - IntraMail (Page 10 of 10) Feature Description Programming T Transfer to a UCD Group Operation: The Automated Attendant can transfer outside callers to UCD Group master numbers.

N/A 4231: Dial Action Table Digit Assignment (1 or 2 to master number). U Undefined Routing A dial pad digit for which the Automated Attendant has no routing defined. N/A Similar to telephone system unscreened transfers in which the transferring party immediately extends the call. N/A 4231: Dial Action Table Digit Assignment (0) Operation: Unscreend Transfer 4231: Dial Action Table Digit Assignment (2) 1603-01: Transfer Recall Time Operation: V Voice Mail Overflow Insures that IntraMail will pick up calls that don't go through. Setting Up Group Ring DIL Overflow 3112-01: Direct Termination in the Day (e.g., 600) 3112-04: Direct Termination at Night (e.g., 600) 3112-02: Enable Day Overflow (Yes) 3112-03: Day Overflow Destination (700) 3112-05: Enable Night Overflow (Yes) 3112-06: Night Overflow Destination (700) 1601-02: DIL No Answer Timer Setting Up UCD Group Overflow See Group Mailbox Setting Up DIL Overflow 3112-02: Enable Day Overflow (Yes) 3112-03: Day Overflow Destination (700) 3112-05: Enable Night Overflow (Yes) 3112-06: Night Overflow Destination (700) 1601-02: DIL No Answer Timer Setting Up Key Ring Overflow 3112-01: Direct Termination in the Day (CLEAR) 3112-02: Enable Day Overflow (Yes) 3112-03: Day Overflow Destination (700) 3112-04: Direct Termination at Night (CLEAR) 3112-05: Enable Night Overflow (Yes) 3112-06: Night Overflow Destination (700) 1601-01: Line No Answer Timer Operation: N/A 34 IntraMail DSX Programmer's Quick Reference DS-Series to DSX Program Cross Reference Cross Reference From DS-Series to DSX Cross Reference Cross Reference From DS-Series to DSX DS-Series to DSX Cross Reference Chart DS to DSX Programming Cross Reference DS Program DS Program Description DSX Program 0101 Class of Service Option Off Premise Call Forward . .

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..... Barge-in (intrusion) . . .

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. . . . . Camp-On to Busy Extension. . . . .

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..... Internal Call Forwarding . .

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..... System Speed Dial Access . .

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..... Extended Ring . . . . .

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..... Privacy . . . . .

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.....  
... *Trunk (Line) Queuing Priority* ..  
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... *Forced Trunk Disconnect* ..  
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.. *Camp-On to Busy Line* ...  
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... *Initiate All Call Page* ..  
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.....  
. *Access Page Zone 1*....  
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*Access Page Zone 2*.....

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.... *Access Page Zone 3*.....

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..... *Access Page Zone 4* ..

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.. *Access Page Zone 5*.....  
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..... *Access Page Zone 6*...  
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*Access Page Zone 7*.....  
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.....  
.... *Silent Monitor* .  
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.....  
.. Flash for Single Line Sets .....

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.....  
. ACD Supervisor .....

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..... Single Ring for Single Line Sets ...

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. 1406-01 1402-02 1402-03 1406-02 1401-01 1401-02 1401-03 1411-02 1402-01 1411-01 1407-01 1407-02 1407-03 1407-04 1407-05 1407-06 1407-07  
1407-08 1402-04 1403-01 1401-04 1403-02 DS-Series to DSX Program Cross Reference 35 Cross Reference From DS-Series to DSX DS to DSX  
Programming Cross Reference DS Program DS Program Description DSX Program View System Alarms Automatic Hold .....

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.....  
..... Activate Night Mode ..

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.....  
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.....  
. Direct Trunk Access .....

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.....  
..... Remote Call Forwarding/Alternate Attendant Soft Keys .....

.....  
.....  
.....  
. Conversation Record .....

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.....  
.....  
..... CLID Display ..

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.....  
..... 2nd Call CLID (Extension Level Call Waiting Caller ID) ...

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.....  
. 3rd Party Caller ID .....

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.....  
..... CLID Display Separator .....

..... *Forced Account Codes*.....

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... *Verify Account Codes* ...

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..... *Forced Account Codes for Toll Calls Only.*

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..... *Ring Type Configuration* .....

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..... *Extension Ring Override* .....

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.....

..... *Key Ring Override* .....

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..... *SLT Special Dial Tone.*

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. *SLT High Voltage Message Waiting* .....

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.. *SLT FSK Message Waiting* .....

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*SLT Loop Disconnect* .....

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.. *Enhanced LND* .....

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..... *Day Walking Class of Service* .

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..... *Night Walking Class of Service* .....

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.....

..... *Extension Locking.*

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..... *DND Override* .....

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.. *MOH on Transfer* .....

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.....  
.. *Background Music* .....

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*Enable Account Codes in Speed Dial* .....

.....  
.. *# Key to Enter Account Codes* .....

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..... *Account Code Toll Level* .....

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..... *View Account Codes* .....

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..... *Name Format* ..

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.....  
.. *CPRU Relay CPRU Relay Page Zone Assignment Door1 Relay* ..

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.....  
..... *Door1 Relay Page Zone Assignment Door2 Relay* .....

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..... *Door2 Relay Page Zone Assignment 36 DS-Series to DSX Program Cross Reference Cross Reference From DS-Series to DSX DS to DSX Programming*  
*Cross Reference DS Program DS Program Description DSX Program 0202 Ring Over External Page Options Background Music Over External Page* .....

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... *Door Chime Over External Page* .....

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.. *Page Ring Volume* ..

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.....  
.. External Page Ring Source (Type?).....

.....  
... Extension ...

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..... 0203 UNA Ringing Over External Page 1521-04 1531-04 1531-03 1531-01 1531-02 Trunk Port .....

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..... 1532-01 UNA Ringing Option 0301 System Options (Part 1) Number of Operators. ....

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..... Operator 1 Extension.

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..... Operator 2 Extension. ...

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Operator 3 Extension. ....

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... Operator 4 Extension. .

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. Number of Digits in a System Speed Dial Code .....

... A-Law Companding CPU Baud Rate .....

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Fixed Baud Rate Modem Installed SMDR Port .....

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Print SMDR Header .....

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... SMDR Language.....

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.....  
.....  
.....  
..... 0302 System Identification 1501-01 1502-01 1502-02 1502-03 1502-04 1701-01 1111-01 Cross Reference 1541-01 1541-02 1541-03 1011-01  
1011-02 1001-01 1001-02 1021-01 1021-02 1022-01 1511-02 1603-04 1603-01 1602-01 1605-02 1602-04 1605-01 1605-03 1601-02 1601-01 1604-01  
1601-04 N/A 1605-04 1602-06 1602-07 Company Name.

.....  
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.....  
.....  
..... Company Phone Number .....

..... System Type .....

..... Software Version .

..... Time .....

..... Date .....

.. Daylight Savings Time Adjustment .....

.... Time and Date Format.

. 0401 System Timers Park Recall .....

..... Modem Reserve Transfer Recall .....

... Intercom Inter-digit .....

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..... Meet-Me Conference...

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Dialing Pause.....

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..... Page Duration ..

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..... Door Unlock ...

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..... DIL No Answer .....

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..... Trunk Revert ..

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.. Trunk Delay Ring .....

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..... Trunk Overflow Centrex Type Feature Key Delay ACD/UCD Overflow ...

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Number of Password Attempts Program Lockout Time .....

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. Force Program Exit .....

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..... Auto Redial Retry Timer .....

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..... Auto Redial Busy Timer .....

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..... DS-Series to DSX Program Cross Reference 37 Cross Reference From DS-Series to DSX DS to DSX Programming Cross Reference DS Program DS  
Program Description DSX Program 0402 Trunk Timers Camp-On Line Response .....

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.....  
... Dial Tone Detect ..

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.... PBX/Centrex Flash .

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... Flash Disconnect .....

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.....  
..... Force Idle (Trunk Guard Time) .

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.... PBX Pause Minimum Ring Detection Timer .....

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.....  
... DP Make Timer ..

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.....  
.....  
.....  
..... DP Break Timer .....

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.. DP Interdigit Timer .....

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..... Manual DTMF Tone On .....

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..... Manual DTMF Tone Off .....

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..... *Speed Dial DTMF Tone On* .....

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... *Speed Dial DTMF Tone Off* .....

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*Loop Current Detection Time* .....

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..... *Far End Disconnect* .....

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*Minimum Single Ring Detection Timer* .....

.....  
... *Minimum Double Ring Detection Off Timer* ..

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.. *Maximum Double Ring Detection Off Timer* .....

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. *Ringling Signal End Detect Timer* .....

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..... *Caller ID Detection Timer.*

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..... *Ground Start Timer* ..

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.. *Pause Timer DP Mute Timer* ..

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..... P.

*F. Recovery Detect Timer* .....

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.... *0403 Station Timers 1602-02 1602-03 1612-04 1612-05 1602-05 1611-01 1612-02 1612-01 1612-03 1111-01 1111-02 1111-03 1111-04 1613-01  
1613-02 1611-02 1611-03 1611-04 1611-05 1611-06 1612-06 1612-07 1613-03 1603-02 1603-03 1601-03 1604-02 1604-03 Hold Recall* .

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..... *Exclusive Hold Recall* .

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. *Camp-On Call Forward Ring No Answer* . . . . .

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..... *Call Waiting Tone Interval Call Coverage Delay* . . . .

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..... *Hoof Flash Transfer Hook Flash Disconnect Number of Extended Rings* .

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..... *Drop Pulse Send DTMF Detect Ring No Answer Hunt 0404 Analog Station Timers Loop Current* . . .

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..... *Ringling Frequency Minimum Break Time* . . . .

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..... *Maximum Break Time* . .

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..... *Minimum Make Time* .

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. *Maximum Make Time* . . . .

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. . . *Minimum Hookflash Time* . .

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. *Maximum Hookflash Time* . . . .

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..... *Minimum Ground Flash Time Minimum Off-Hook Time* .

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..... Off-Hook Guard Time ..

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1613-01 1621-01 1621-02 1621-03 1621-04 1621-05 1621-06 1621-07 1621-09 38 DS-Series to DSX Program Cross Reference Cross Reference From DS-Series to DSX DS to DSX Programming Cross Reference DS Program DS Program Description DSX Program Dial Pulse Guard Timer. ....

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. 1621-08 Loop Disconnect Time ....

.....  
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.. 1622-01 Ring/MW Wait Period Time ...

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..... 1622-02 0405 T1/E1 Trunk Timers Loop Detection Time.

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.. Pause Timer Transmit Dial Pulse Break Time ...

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..... Transmit Dial Pulse Make Time ....

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Transmit Dial Pulse Interdigit Time .....

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.....

. Receive Dial Pulse Minimum Make Time .....

..... Receive Dial Pulse Maximum Make Time ...

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.....

... Receive Dial Pulse Minimum Break Time .....

..... Receive Dial Pulse Maximum Break Time .

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..... Transmit Answer Time .....

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..... Receive Minimum Answer Time. ...

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Receive Maximum Answer Time .....

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... Receive Clear Signal Time ..

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. Transmit Flash Time . . . .

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..... Receive Flash Minimum Time .

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..... Receive Flash Maximum Time .

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..... 0406 T1 Trunk Timers 1631-01 1632-01 1632-02 1632-03 1631-04 1631-05 1631-02 1631-03 1651-03 1652-05 1652-06 1631-08 1632-04 1631-06  
1631-07 1641-01 1641-02 1641-03 1641-04 1641-05 1642-01 1642-02 1642-03 Cross Reference Mimimum Ring Detection Time . . . . .

.....  
.....

..... Single Ring Minimum Detection Time . .

.....  
.....

.. Double Ring Minimum Off Time . . . .

.....  
.....

Double Ring Maximum Off Time . . . . .

.....  
.....

... Ring Stop Detection Time . . . . .

.....  
.....  
.....

.. Transmit Wink Time . . . . .

.....  
.....  
.....

..... Receive Wink Minimum Time . . . . .

.....  
.....  
.....

Receive Wink Maximum Time . . . . .

.....  
.....

..... Transmit Remove Ring Time 0407 E1 Trunk Timers Forced Release Time . . . . .

.....  
.....

..... Transmit Double Answer Time . .

.....  
.....

... Receive Double Answer Minimum Time . . . . .

.....  
.....

Receive Double Answer Maximum Time . . . . .

.....  
.....

..... Transmit Seize Acknowledge Time . . .

.....  
.....

... Receive Seize Acknowledge Minimum Time .  
.....

... Receive Seize Acknowledge Maximum Time . . . . .  
.....

.. Transmit Digit Acknowledge Time ...  
.....

..... Receive Digit Acknowledge Time Receive Digit Acknowledge Minimum Time .  
.....

... Receive Digit Acknowledge Maximum Time . . . . .

..... Receive Meter Pulse Minimum Time ...  
.....

..... Receive Meter Pulse Maximum Time ...

.. Receive Line Block Minimum Time ...  
.....

..... Receive Line Block Recover Time ...

Transmit Clear Signal Time . . . . .

..... Transmit Seize Signal Time 0408 E1 MFC Timers 1651-04 1651-06 1652-09 1652-10 1651-01 1652-01 1652-02 1651-02 1652-03 1652-04 1652-07  
1652-08 1652-11 1652-12 1632-05 Group A Response Time ...

..... 1654-01 Group A Tone Complete Time ...

.. 1654-02 DS-Series to DSX Program Cross Reference 39 Cross Reference From DS-Series to DSX DS to DSX Programming Cross Reference DS Program  
DS Program Description DSX Program Group B Response Time . . . . .

.. Group B Tone Complete Time . . . . .

.. Group C Response Time ...

.. Group C Tone Complete Time ...

.. Group I Signal Time ...



*Group I Tone Complete Time . . . . .*

*.....*

*.....*

*. Group II Signal Time. . . . .*

*.....*

*.....*

*.....*

*. . . . Group A Pulse Time .*

*.....*

*.....*

*.....*

*.....*

*.. 0501 Numbering Plan 1654-03 1654-04 1654-05 1654-06 1653-01 1653-02 1653-03 1653-04 1301-01 1301-01 1301-01 1301-01 1301-01 1301-01 1301-01 1301-01 1301-01 1301-01 Digit 0 Options . . .*

*.....*

*.....*

*.....*

*.....*

*. . . . Digit 1 Options . . . . .*

*.....*

*.....*

*.....*

*.....*

*. Digit 2 Options . . . . .*

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*.....*

*. . . . . Digit 3 Options . .*

*.....*

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*.....*

*Digit 4 Options . . . . .*

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*.....*

*.. Digit 5 Options . . . . .*

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*.....*

*.....*

*. . . . . Digit 6 Options .*

*.....*

*.....*

*.....*

*.....*

*. . . . . Digit 7 Options . . . . .*

*.....*

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*.....*

*.....*

*... Digit 8 Options . .*

*.....*

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.....  
.....  
.....

*Digit 9 Options* .....

.....  
.....  
.....

..... *Single Digit Access 0502 0503 0505 0510 Station Extension Assignments* ...

.....  
.....

.. *1311-01 Trunk Extension Assignments* ...

.....

..... *1313-01 Extension Swap Utility* ..

.....  
.....  
.....

..... *9031-01 ACD/UCD Master Extension Numbers and Names Group Number* ...

.....  
.....  
.....

.....  
.... *Hunt Group Master Number* ..

.....  
.....

.....  
.. *Overflow Destination* ...

.....  
.....

.....  
.... *Name* ..

.....  
.....

.....  
.....  
.....  
..... *Hunt Group Ring Type* ..

.....  
.....  
.....  
.....

*0511 Ring Group Master Extension Numbers and Names 1315-01 1315-01 2302-01 2301-01 2301-02 1314-01 2201-01 1314-01 2201-02 9012-01 9012-01 3511-01 3512-04 3512-01 3512-02 3512-03 Group Number* .....

.....  
.....  
.....

..... *Name* ..

.....  
.....  
.....

.....  
.....  
.....

... *Extension Number* .....

.....  
.....  
.....

..... *Ring Group Ring Type* ..

.....  
.....  
.....

..... *0601 Configure Toll Level Options Program Toll Restriction* .

.....  
.....  
.....

..... *Initialize Toll Restriction*.

.....  
.....  
.....

..... *Toll Restriction Level Active Dial Pad* .

.....  
.....  
.....

..... *N11 Dialing* .....

.....  
.....  
.....

..... *0+ Dialing* .....

.....  
.....  
.....

..... *International (011) Dialing* ...

.....  
.....  
.....

..... *Equal Access (101X + XXX) Dialing* .....

.....  
.....  
.....

*0602 0603 0604 1010 + XXX Equal Access Dialing* .....

.....  
.....  
.....

... *3521-01 1 + NPA/NXX Dialing 3-Digit Table* .....

.....  
.....  
.....

.. *3531-01 1 + NPA + NXX Dialing 6-Digit Table* .....

..... *3541-01 40 DS-Series to DSX Program Cross Reference Cross Reference From DS-Series to DSX DS to DSX Programming Cross Reference DS Program DS Program Description DSX Program 0605 0606 0610 0801 1001 NPA/NXX Dialing 3-Digit Table.*



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.....  
.....  
.....  
. 3551-01 NPA + NXX Dialing 6-Digit Table .....  
.....  
.....  
. 3561-01 PBX Access Codes Table .....  
.....  
.....  
. 3401-01 Selectable Display Messages ....  
.....  
.....  
..... 2501-01 Trunk Port Description Trunk Circuit Type ..  
.....  
.....  
.....  
.....  
.....  
. . Trunk Extension Number ...  
.....  
.....  
.....  
.....  
. Trunk Name.....  
.....  
.....  
.....  
.....  
. Trunk Transmit Gain .....  
.....  
.....  
.....  
..... Trunk Receive Gain.....  
.....  
.....  
.....  
.....  
..... Trunk Class of Service Assignment ..  
.....  
.....  
.....  
..... PBX Line.....  
.....  
.....  
.....  
.....  
.....  
. Disable Forced Account Codes .....  
.....  
.....  
..... Loop Length ....  
.....  
.....  
.....  
.....  
..... Trunk Toll Restriction Level .....  
.....  
.....

.....

.. *Override Extension Toll Restriction* .....

.....

... *Print SMDR* .....

.....

.....

.....

.....

... *Caller ID* .....

.....

.....

.....

.....

.....

*ANI/DNIS (DS2000 Only)* .....

.....

.....

... *ANI Delimiter (DS2000 Only)* ..

.....

.....

..... *Number of ANI digits (DS2000 Only)* ..

.....

.....

..... *Voice Mail Caller ID* ...

.....

.....

.....

.....

*Dial Tone Detection* .....

.....

.....

.....

... *EI Signaling Type (DS2000 Only)* .....

.....

.....

..... *MFC Dialing Type (DS2000 Only)* ...

.....

.....

... *Enable MFC GB (DS2000 Only)* ..

.....

.....

. *Store and Forward* . . . .

.....

.....

.....

.....

. *1002 Trunk Groups 3101-01 1313-01 3101-02 3103-01 3103-02 3102-01 3101-04 3111-01 3103-03 3102-02 3111-02 3111-06 3121-01 3121-02 3121-03 3121-04 3122-XX 3111-03 3101-05 3101-06 3111-04 3111-05 Cross Reference Trunk Group* . . . .

.....

.....

.....

.....

..... *3201-XX Order Number* .....



.....  
.....  
.....  
.....  
... 3201-XX 1003 Trunk Options Call Pickup Group .....  
.....  
.....  
.....  
..... Direct Termination (Day) ..  
.....  
.....  
.....  
..... Activate Overflow during the Day. ...  
.....  
.....  
.....  
Day Overflow Destination. ....  
.....  
.....  
..... Direct Termination (Night) .  
.....  
.....  
.....  
..... Activate Overflow at Night ...  
.....  
.....  
.....  
..... Night Overflow Destination .....  
.....  
.....  
.....  
.. Day Ring Type. ....  
.....  
.....  
.....  
.....  
Night Ring Type .....  
.....  
.....  
.....  
..... Delay Ring Type ....  
.....  
.....  
.....  
.....  
.. MOH Source ...  
.....  
.....  
.....  
.....  
.. Tandem Trunk .....  
.....



.....  
.. 3712-02 Home Area (HPNA) Codes. ....  
.....  
.....  
.. 3713-XX Home Area (HPNA) Exception List ...  
.....  
..... 3714-XX Foreign Area (FPNA) Exception List Data .....  
.....  
.. 3715-XX Number of DID Digits ...  
.....  
.....  
.. 3301-01 DID Translation Table ....  
.....  
.....  
3302-01 DID MFC Dialing Category. ....  
.....  
.....  
3302-01 Programmable Function Key Assignments Undefined .....  
.....  
.....  
.....  
.....  
.. Switched Loop Key .....  
.....  
.....  
.....  
..... Fixed Loop Key .....  
.....  
.....  
.....  
.....  
.. Line Key .....  
.....  
.....  
.....  
..... Park Orbit Key.  
.....  
.....  
.....  
.. Hotline Key .....  
.....  
.....  
.....  
.....  
.. Call Coverage Immediate Ring .....  
.....  
.....  
..... Call Coverage No Ring ...

.....  
.....  
.....  
..... *Call Coverage Delay Ring* ..

.....  
.....  
.....  
..... *Group Pickup Immediate Ring* ...

.....  
.....  
.....  
.. *Group Pickup No Ring* .....

.....  
.....  
.....  
... *Group Pickup Delay Ring* .....

.....  
.....  
.....  
.. *Page Zone Key* .....

.....  
.....  
.....  
..... *System Speed Dial Key* .

.....  
.....  
.....  
.....

*Personal Speed Dial Key* .....

*Call Timer Key* .....

..... *Voice Mail Record Key* ...

..... *Night Key* ..

.....  
.....  
.....  
..... *Data Key Split Key* .

.....  
.....  
.....  
.....

. *ICM Directory Key* .....

.....  
.....  
.....

..... *ACD Log On Key Reverse Voice Over Key* .....

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.....  
.....

..... *Message Center Key* .....

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.....  
.....

..... *Save Key* ..

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.....  
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.....

*Account Code Key* .....

.....  
.....  
.....

.... *Call Forwarding* .....

.....  
.....  
.....  
.....

. *Headset Key* .....

.....  
.....  
.....

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@ @ .....

..... *2151-XX Personal Speed Dial Number* .

.....  
.....  
.....

..... *2151-XX Personal speed Dial Name* .....

.....  
.....  
.....

.... *2151-XX 1703 DSS Key Assignment Key Number* .....

.....  
.....  
.....

... *2402-XX BLF Extension Assignment* .

.....  
.....  
.....

. *2402-XX 1704 DSS Console Key Assignment Undefined* .....

.....

.....

.....

.. *Line Key* .....

.....

.....

.....

.... *Park Orbit Key* .....

.....

.....

.....

.. *Hotline Key* ...

.....

.....

.....

.....

.. *Call Coverage Immediate Ring* .....

.....

.....

.. *Call Coverage No Ring* ...

.....

.....

.....

... *Call Coverage Delay Ring* .

.....

.....

.....

.. *Group Pickup Immediate Ring* ...

.....

.....

.. *Group Pickup No Ring* ...

.....

.....

.....

... *Group Pickup Delay Ring* .

.....

.....

.....

.. *Page Zone Key* ...

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.....

.... *System Speed Dial Key* .

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*Personal Speed Dial Key* .....

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.....  
*Voice Mail Record Key* .....

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*. Night Key* .....

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*.. Data Key Split Key* .....

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*... ICM Directory Key* .

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*... ACD Log On Key Reverse Voice Over Key* ..

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*... Message Center Key* ..

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*. Save Key* .....

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*... Account Code Key* .....

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*..... Call Forwarding* ..

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.....  
*... Headset Key*.

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.....

.... 2124-XX Extension Port Description Extension Circuit Type .

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Extension Numbering .....

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.....

.....

.. Extension Name .....

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.....

.....

..... DSS Type ..

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DSS Block Number Door Chime .....

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Relay Owner .....

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