

DSX BUSINESS



INTRODUCING DSX VoIP



NEC

Sold by:



DSX



SOPHISTICATION SIMPLIFIED

INNOVATIVE NEC takes the lead with state-of-the-art innovations sure to make your business communications more efficient, profitable, and enjoyable. The DSX telephone superior styling is an attractive addition to any work environment. All models feature a built-in speakerphone, two-position angle adjustment, and built-in wall mounting. Enhanced models also offer a backlit display and illuminated dial pad.

Innovations don't stop with the DSX telephones. Right out of the box, the system has a built-in Automated Attendant which can answer incoming calls, play a greeting, and allow callers to dial extensions and departments directly without operator assistance or additional equipment. Also built-in is the ability to record a custom message for callers on hold.

DSX is sized right – from the economical DSX-40 to the DSX-80/160. To maintain the value of your investment, all DSX-80 cards can be migrated to the DSX-160. Even when growing from the DSX-40, your investment in IntraMail, programming, telephones, and other station equipment is retained.

AFFORDABLE AND RELIABLE NEC designed the DSX with affordability and scalability in mind. Since DSX is simple to install and easy to use, the expenses of configuration, programming, and post-installation training are minimized. Over a decade of intense feature development ensures that the core DSX call processing features are mature, efficient, and reliable – yet intuitive and easy to use.

NOW WITH VOIP Install DSX IP keysets on-premise in a managed network or off-site in a remote office. Choose between two types of DSX IP extensions: the 34-Button Backlit Display and the 34-Button Backlit Super Display. These feature-rich IP keysets offer the same features as their digital counterparts, have Full Duplex speakerphones, and are quick to set up in an IP environment. Compliant third-party SIP phones, soft phones, and Analog Telephone Adapters (ATAs) are also supported.

PUT INTRAMAIL AND INTRAMAIL PRO TO WORK FOR YOU

INTRAMAIL The ability to add voice mail is built into the system and only requires a compact flash card to activate. IntraMail is a full-featured Voice Mail Auto Attendant system that will greet and transfer incoming callers and record voice mail messages. With built-in voice prompt guidance in English, Spanish, and French, IntraMail is a great fit in multilingual environments. From 2 to 8 voice mail ports are available and easily upgraded through licensing.

Some of the advanced features of IntraMail include:

Message Center – Notify groups of extensions of important messages with visual indication using a message center key.

Directory Dialing – Dial a name instead of a number to reach your party.

Message on Hold – Record your own informative company message.

Caller ID – Caller information is verbally provided with a voice mail message.

Message Notification – You can receive a call - anywhere - when a new message arrives.

Conversation Record – Save and record your conversation with the touch of a button.

Live Call Screening – Listen as callers are leaving you a message and pick up only the calls you want to answer.

Park and Page – Allows a caller to page you without operator assistance. You can pick up the call from any extension.

INTRAMAIL PRO Supports all of the features of the IntraMail *plus*:

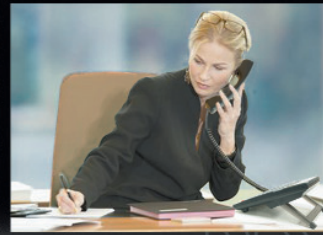
Email Integration – Receive notification of a new voice mail message to your inbox. The notification includes the caller's number and name and can optionally include the recorded message as a .WAV file attachment.

Cascading Message Notification – Cascading Message Notification can call you at up to five preset destinations to let you know a new voice mail message has arrived.

Find Me Follow Me – Helps an Automated Attendant caller find you when you are not at your desk.

Upgrade License – Simple license upgrade from IntraMail to IntraMail Pro.





BUILT-IN CALLER ID (WITH CALL WAITING) The capability for Caller ID (with Call Waiting) is inherent in every DSX system. With Caller ID, you can identify incoming callers before the call is answered. The caller's name and number (if available) will appear simultaneously in the display.

Logging – Stores the name, number and time/date of outside calls. This allows for easy review, save and redial of received calls.

Checking – A manager can have the capability to view Caller ID information associated with a co-worker's line or extension.

Return Call – Easily return a call without manually re-entering the caller's number. Select from a list of choices or have the system automatically redial the call for you.

To Analog Ports – Caller ID information can be sent to analog single line ports for use with customer-provided Caller ID accessories.

OFFICE ADMINISTRATOR PC PROGRAM An office supervisor can quickly customize basic system features from their PC with the Windows™-based Office Administrator. This includes the Time and Date options, important extension feature and voice mail options, and Speed Dial numbers. These features can also be programmed from an office administrator's phone.

CUSTOMIZE YOUR COMMUNICATION SOLUTION

Advanced telephone features include:

Backlit Display and Illuminated Dial Pad¹ – for easy viewing in low light areas.

Interactive Soft Keys – that change function as you use your phone, allowing you to access to advanced features by just pressing a key.

User Level Programming – easy and intuitive guided menu system for customizing the features of your telephone.

Hot Dial Pad – that lets you dial a call without first lifting the handset or pressing keys.

Dual color (red/green) LEDs – to help you easily distinguish between your calls and those of co-workers.

Desk Stand – adjustable for two different positions.

Wall Mounting – built-in for low-profile wall mounting capability.

Cordless DECT

Offers mobility plus many standard features of the wired telephone, including handsfree, 8 programmable feature keys with LEDs, and a backlit display. Range is extendable via repeaters.



Wireless Headset Adapter¹

Provides seamless integration with Plantronics Wireless Headset Systems. (Headset System not included.)



22-Button Display

Offers a large display, programmable keys, and a built-in speakerphone – making this the most economical option without sacrificing convenience.



34-Button Display²

The same features as the 22-Button Display, plus additional programmable keys, and is enhanced with a backlit display and illuminated dial pad.

DSS Console

For power users, provides another 60 dual color programmable keys.



34-Button Super Display²

All the features of the 34-Button Display and offers our largest, most interactive display for advanced users. Unique light sensor automatically adjusts the phone's brightness based on room lighting.



¹ Select models.

² Available in IP and digital telephone models.

DSX digital telephones and console are available in black or white. IP and cordless telephones are available in black only.

DSX Specifications and Features



Specifications¹

DSX-40	Base	Max ¹
Digital Stations	8	24
VoIP Stations	32 ⁴	32 ⁴
VoIP Gateway Ports	8	8
Analog Stations	2	18
Lines	4	8
Door Box Ports	2	2

DSX-80

Slots		4
Digital Stations		32
VoIP Stations		32 ⁴
VoIP Gateway Ports		16
Analog Stations		32
Lines		64

DSX-160

Slots		8
Digital Stations		96
VoIP Stations		32 ⁴
VoIP Gateway Ports		16
Analog Stations		96
Lines		64

IntraMail

Voice Mail Ports	2, 4, 6, or 8
Storage Hours	8, 16, or 32 ³
Subscriber Mailboxes	128

General

One Pair Wiring
 USB 2.0 (Full Speed)
 10/100 BASE-TX Ethernet, Auto-MDIX
 RS-232 Serial Port for SMDR

DSX Features

2-Position Telephone Angle Adjustment
 Account Codes
 Alphanumeric Display
 Ambient Light Sensor
 Attendant Position
 Auto Redial
 Auto Attendant (Built-in)
 Automatic Daylight Savings Time Adjustment
 Automatic Handsfree
 Automatic Ring Down
 Background Music
 Backlit Display (selected models)
 Barge In (Intrusion)
 Battery Backed-up Memory
 Call Coverage Keys
 Call Forwarding On and Off Premises
 Call Timer (with or without a key)
 Call Waiting / Camp-On
 Callback
 Caller ID (with Call Waiting)
 Caller ID Logging (CID with Return Call)
 Caller ID Manual Callback
 Caller ID to Single Line Telephones
 Class of Service
 Conference (up to 8 parties per conference)
 Conference, Meet-Me
 Conference, Unsupervised
 Cordless Telephone
 Delayed Ringing
 Department Groups (for Ring and UCD Groups)
 Dial Number Preview
 Dial Tone Detection

Direct Inward Dialing (with ANI/DNIS and DID Translation Name)²
 Direct Station Selection (DSS)
 Direct Station Selection (DSS) Console
 Directed Call Pickup
 Directory Dialing with Search
 Distinctive Ring (ICM, CO, Ring Grp, Recall)
 Do Not Disturb
 Do Not Disturb Override
 Door Box (Analog)
 Extended Ringing
 Extension Hunting (Circular, Terminal, UCD)
 Extension Locking
 Flash
 Flexible Numbering Plan
 Forced Line Disconnect
 Group Call Pickup
 Group Listen
 Group Ring
 Handsfree and Handsfree Answerback
 Headset Compatibility
 Hold (with Recall Display)
 Hold and Park Programmable Recall Cycles
 Hot Dial Pad
 Hotline
 Illuminated Dial Pad (selected models)
 Interactive Soft Keys
 Intercom
 Intercom Queue Key
 Internet Time Service
 ISDN / PRI²
 Language Selection
 Last Number Redial
 Line Groups
 Line Keys
 Line Queuing / Callback
 Line Scheduling
 Loop Keys
 Meet-Me Conference
 Message on Hold (Built-in)
 Message Waiting
 Microphone Mute
 Modem (Built-In)
 Monitor / Silent Monitor
 Music on Hold
 Names for Extensions and Lines
 Night Service / Night Ring
 Off-Hook Signaling
 Office Administrator PC Program
 Paging (Internal and External)
 Park (with Recall Display)
 Park Orbit Recall Pickup
 Password Reset Utility
 PBX / Centrex Compatibility
 PC Program (System Administrator)
 Prime Line Preference
 Privacy
 Privacy Release Groups
 Private Line
 PRI / ISDN²
 PRI Calling Party Number
 Pulse to Tone Conversion
 Remote Programming
 Removing Lines and Extensions From Service
 Reverse Voice Over
 Ring / Message Lamp
 Ringdown Extension
 Ringing Line Preference
 Room Monitor
 Save Number Dialed

Selectable Display Messaging
 Silent Monitor
 Single Line Telephones
 Speakerphone
 Speed Dial
 Split (Alternate)
 Station Message Detail Recording
 System Programming Backup and Restore
 System Programming Password Protection
 T1 Lines²
 Tie Lines²
 Time and Date
 Toll Restriction
 Transfer (with Recall Display)
 Upgrades via License for VoIP Ports
 User Level Programming
 Voice Mail
 Voice Over
 VoIP Extensions
 Volume and Contrast Controls
 Walking Class of Service
 Wall Mount / Desk Stand (Built-in)
 Wireless Headset Adapter (WHA)

IntraMail Features

Announcement Message
 Answering Machine Emulation / Call Screen
 Auto Time and Date Stamp
 Automated Attendant
 Broadcast Message
 Caller ID (with Return Call)
 Centrex Transfer
 Conversation Record
 Directory Dialing
 Distribution Lists
 Email Integration with Name³
 External Transfer
 Fax Detection
 Find Me Follow Me³
 Flexible Answering Schedules
 Interactive Soft Keys
 Message Center Mailbox
 Message Notification (Local and Remote)
 Message Notification (Cascading³)
 Multilingual Prompts (English, Spanish, French)
 Multiple Company Greeting (8)
 Number of Messages Displayed
 Park and Page
 Personal Greeting (3)
 Security Code (with Option)
 Single Digit Dialing
 System Administrator
 Upgrades via License for IntraMail Ports, and IntraMail Pro
 Voice Mail Overflow
 Voice Prompting Messages

¹ Capacities listed are system maximums and may be limited by system configuration.

² DSX-80/160 only.

³ Requires IntraMail Pro.

⁴ Connectivity limited by available VoIP Gateway ports.

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 DSX is a trademark of NEC Infrontia Corporation.
 Some features may be optional or available at a future date.
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To find out more about the DSX and how NEC's powerful and versatile technology platforms can work for you, contact your local NEC dealer, visit our web site at www.necdsx.com, or call 800-365-1928.