

# NEC 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.

Superior ergonomic styling offers a slim, sleek, compact design with a quality feel that is an attractive addition to any work environment. All models feature the same thin, floating design, have a built-in speakerphone, two-position angle adjustment for effortless viewing of the large LCD display, 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.

**Affordable** 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.

**Reliable** 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. Combined with end-to-end quality assurance and state-of-the-art circuit design, you are assured that DSX will be your reliable business partner for years to come.

## *Put Our Technology to Work for You . . .*

**IntraMail** The ability to add voice mail is built into the system and only requires an IntraMail compact flash card to activate. IntraMail is a full-featured Voice Mail Auto Attendant system that will transfer incoming callers and record Voice Mail messages.

### **Some of the advanced features of IntraMail:**

- **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.
- **Conversation Record** – into predetermined mailbox.
- **Message Notification** – you can receive a call when new messages arrive.
- **Caller ID (CID)** – CID information is verbally provided with a voice mail message.
- **Call Screen** – listen to live callers leave a message and pick up only the ones you want to answer.

**Built-in Caller ID** CID capability is built into every DSX system. With CID, 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 an extensions outside calls. This allows for easy review, save and redial of received calls.
- **Checking** – A manager can have the capability to view CID information associated with a co-worker's line or extension.
- **Return Call** – Easily return a call without manually re-entering the caller's number.
- **To Analog Ports** – CID information can be sent to analog single line ports for use with customer-provided CID accessories.

### **System Programming**

- **System Administration** – Program changes to the system are easy to make from the telephone or a PC connected to the system's USB or Ethernet port. In addition, your installer can make these changes remotely through the Ethernet port or built-in modem.

Your NEC dealer is:  
Executek Systems LLC  
[TechnicalSupportASAP.com](http://TechnicalSupportASAP.com)

ADVANCED BUSINESS TELEPHONE SYSTEM

# DSX Specifications and Features



## Specifications<sup>1</sup>

	Base	Max <sup>1</sup>
<b>DSX-40</b>		
Digital Stations	8	24
Analog Stations	2	18
Lines	4	8
Door Box Ports	2	2

<b>DSX-80</b>		
Slots	4	
Digital Stations	32	
Analog Stations	32	
Lines	64	

<b>DSX-160</b>		
Slots	8	
Digital Stations	96	
Analog Stations	96	
Lines	64	

## IntraMail

Voice Mail Ports	4 or 8
Storage Hours	8 or 16
Mailboxes (DSX-40)	66
Mailboxes (DSX-80/160)	160

## General

One Pair Wiring  
 USB 2.0 Compatible (Full Speed)  
 Ethernet Auto Sensing Port  
 RS-232 Serial Port

## DSX Features

2-Position Telephone Angle Adjustment  
 Account Codes  
 Alphanumeric Display  
 Attendant Call Queuing  
 Attendant Position  
 Auto Redial  
 Auto Attendant (Built-in)  
 Automatic Day Light 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  
 Call Forwarding Off Premises  
 Call Timer  
 Call Waiting / Camp-On  
 Callback  
 Caller ID  
 Caller ID Logging (CID with Return Call)  
 Caller ID to Single Line Telephones  
 Class of Service  
 Conference (up to 8 parties)  
 Conference, Meet-Me  
 Conference, Unsupervised  
 Cordless Telephone  
 Delayed Ringing

Dial Number Preview  
 Dial Tone Detection  
 Direct Inward Dialing (with ANI/DNIS)<sup>2</sup>  
 Direct Station Selection (DSS)  
 Direct Station Selection (DSS) Console  
 Directed Call Pickup  
 Directory Dialing (Company, Personal, Ext.)  
 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)  
 Hotline  
 Illuminated Dial Pad (selected models)  
 Interactive Soft Keys  
 Intercom  
 ISDN/PRI<sup>2</sup>  
 Language Selection  
 Last Number Redial  
 Line Groups  
 Line Keys  
 Line Queuing / Callback  
 Loop Keys  
 Meet-Me Conference  
 Message Waiting  
 Microphone Mute  
 Monitor / Silent Monitor  
 Music on Hold  
 Names for Extensions and Lines  
 Night Service / Night Ring  
 Off-Hook Signaling  
 Paging (Internal and External)  
 Park (with Recall Display)  
 PBX / Centrex Compatibility  
 PC Program (System Administrator)  
 Prime Line Preference  
 Privacy  
 Privacy Release Groups  
 Private Line  
 PRI/ISDN<sup>2</sup>  
 Pulse to Tone Conversion  
 Regional Defaults  
 Remote Programming  
 Removing Lines and Extensions From Service  
 Reverse Voice Over  
 Ring Groups  
 Ring/Message Lamp  
 Ringdown Extension

Ringling Line Preference  
 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 Lines<sup>2</sup>  
 Tie Lines<sup>2</sup>  
 Time and Date  
 Toll Restriction  
 Transfer (with Recall Display)  
 User Programmable Features  
 Voice Mail  
 Voice Over  
 Volume and Contrast Controls  
 Walking Class of Service  
 Wall Mount/Desk Stand (Built-in)

## IntraMail Voice Mail Integration Features

Answering Machine Emulation/Call Screen  
 Auto Time and Date Stamp  
 Automated Attendant  
 Caller ID with Return Call  
 Centrex Transfer  
 Conversation Record  
 Directory Dialing  
 External Transfer  
 Fax Detection  
 Flexible Answering Schedules  
 Interactive Soft Keys  
 Message Center Mailbox  
 Message Notification  
 Message on Hold  
 Multiple Company Greeting (8)  
 Number of Messages Displayed  
 Personal Greeting (3)  
 Remote Message Notification  
 Security Code  
 Single Digit Dialing  
 System Administrator  
 Voice Mail Overflow  
 Voice Prompting Messages  
 Volume Control

<sup>1</sup> Capacities listed are system maximums and may be limited by system configuration.

<sup>2</sup> DSX-80/160 only.

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DSX is a trademark of NEC Frontia Corporation.

Some features may be optional or available at a future date. Recording of phone calls is subject to varying state and federal laws. The information herein is subject to change without notice at the sole discretion of NEC.



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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](http://www.necdsx.com), or call 800-365-1928.

Empowered by Innovation

**NEC**