



Innovative  
Affordable  
Reliable  
Full-Featured VoIP  
and SIP Compatibility

Business | Residential

# Why DSX?

## 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 add 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.

## Full Featured VoIP

Install DSX IP keysets on-premise or off-site in a remote office. The 34-Button Backlit Display IP keyset offers the same features as its digital counterpart with an enhanced full duplex speakerphone.

**SIP Compatibility** – SIP Trunks are a less expensive alternative to analog circuits that allow for easy scalability while maintaining the line quality businesses have come to expect. SIP Trunking utilizes DID's (Direct Inward Dials) that increases flexibility and allows call control for multiple companies while giving employees their own phone lines. DSX provides cost-effective SIP Trunking with over a dozen certified providers from which to choose.

## Features and Specifications

### Phone Features

- Account Codes
- Auto Redial
- Background Music
- Barge In (Intrusion)
- Call Forwarding On and Off Premises
- Conference (up to 8 parties per conference)
- Delayed Ringing
- Department Groups (for Ring and UCD Groups)
- Directory Dialing with Search
- Distinctive Ring (ICM, CO, Ring Group, Recall)
- Door Box (Analog)
- Extension Hunting (Circular, Terminal, UCD)
- Group Ring
- Last Number Redial
- Message on Hold (Built-in)
- Monitor / Silent Monitor
- Music On-Hold
- Names for Extensions and Lines
- Night Service / Night Ring
- Paging (Internal and External)
- Park Calls
- Remote Programming
- SIP Lines<sup>4</sup>
- Speed Dial
- T1/PRI Lines<sup>2</sup>
- Toll Restriction

### IntraMail Features

- Announcement Message
- Answering Machine Emulation / Call Screen
- Auto Time and Date Stamp
- Automated Attendant
- Broadcast Message
- Caller ID (with Return Call)
- Conversation Record
- Directory Dialing
- Distribution Lists
- Email Integration with Name<sup>3</sup>
- External Transfer
- Fax Detection
- Find Me Follow Me<sup>3</sup>
- Flexible Answering Schedules
- Interactive Soft Keys
- Message Center Mailbox
- Message Notification (Local and Remote)
- Message Notification (Cascading<sup>3</sup>)
- Multilingual Prompts (English, Spanish, French)
- Multiple Company Greeting (16)
- Number of Messages Displayed
- Park and Page
- Personal Greeting (3)
- Security Code (with Option)
- Single Digit Dialing
- Upgrades via License for IntraMail Ports, and IntraMail Pro

### Popular System Features

#### Built In Caller ID

Caller ID capability is built into every DSX system.

#### Headset Compatibility

Ability to utilize a headset in place of the handset.

#### Email Integration

Email Integration automatically sends Email notification when a Subscriber Mailbox receives a new message. (IntraMail Pro required)

#### Manage Multiple Companies On One Phone System

IntraMail voice mail provides 16 auto attendant greetings for multiple businesses on one phone system.

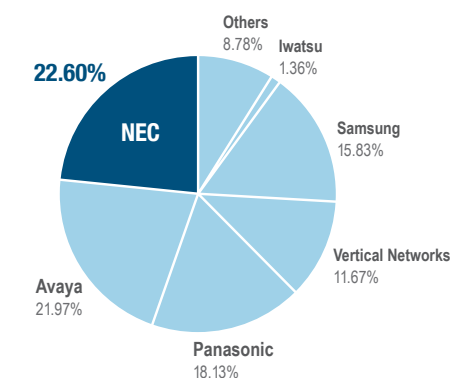
#### SIP Compatibility

Sip Trunking utilizes DID's (Direct Inward Dials) that allows call control for multiple companies while giving employees their own phone lines.

#### T1/PRI Compatibility

T1/PRI provides advanced digital calling and gives the DSX-80/160 a maximum of 24 channels in a single card slot, allowing call control for multiple companies.

### Small Business Market Share



### Specifications

DSX-40	Base	Max <sup>1</sup>
Digital Stations	8	24
VoIP Stations		16 <sup>4</sup>
VoIP Gateway Ports		8
Analog Stations	2	18
Lines	4	8
SIP Trunks		8
Door Box Ports	2	8

DSX-80	Base	Max <sup>1</sup>
Slots		4
Digital Stations		32
VoIP Stations		32 <sup>4</sup>
VoIP Gateway Ports		16
Analog Stations		32
Lines		64
SIP Trunks		16

DSX-160	Base	Max <sup>1</sup>
Slots		8
Digital Stations		96
VoIP Stations		32 <sup>4</sup>
VoIP Gateway Ports		16
Analog Stations		96
Lines		64
SIP Trunks		16

IntraMail		
Voice Mail Ports		2, 4, 6 or 8
Storage Hours		8, 16 or 32 <sup>3</sup>
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	

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

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

<sup>3</sup> Required IntraMail Pro.

<sup>4</sup> Connectivity limited by available VoIP Gateway ports.



**DSX**

	 8-Button DECT Cordless	 22-Button Display	 34-Button Display <sup>2</sup>	 34-Button Super Display
<b>Feature Keys</b>	8	12	24	24
<b>Speed Dial Keys</b>	0	10	10	12
<b>Fixed Keys</b>	7	12	12	12
<b>Soft Keys</b>	0	4	4	12
<b>LCD Display</b>	2 x 24	3 x 24	3 x 24	9 x 24
<b>Speakerphone</b>	Yes	Yes	Yes	Yes
<b>Backlit Display</b>	Yes	No	Yes	Yes
<b>Illuminated Dial</b>	Yes	No	Yes	Yes
<b>Headset Jack</b>	2.5mm	Modular	Modular	Modular
<b>Colors</b>	Black	Black/White	Black/White	Black/White

# Customize Your Communication Solution

## Put IntraMail Voice Mail to Work for You

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 conversations with the touch of a button.
- Live Call Screening** – Listen as callers leave you a message and pick up only the calls you want to answer.

### IntraMail Pro Features:

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

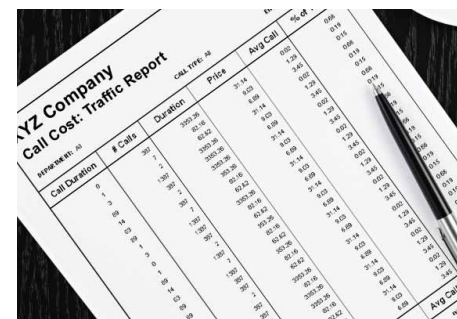
- Email Integration** – Receive notification of a new voice mail message to your inbox. The notification includes the caller's number and name and can optionally include the recorded message as a .WAV file attachment.
- Cascading Message Notification** – Cascading Message Notification can call you at 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.
- Wakeup Call** – Great for Motels and Bed & Breakfasts, automatically deliver a wakeup voice message to a room guest at a designated time.
- Upgrade License** – Simple upgrade from IntraMail to IntraMail Pro.

## Ask Me About These Great Features

### Start Off Sounding Great

With your purchase of a DSX phone system, you'll receive a **FREE, Customizable, 50-Word Auto Attendant Greeting** and a **FREE, Pre-Loaded, Studio Quality On-Hold Message**, so your company will sound professional from the first call.

[Listen to Samples at MyTelPros.com](#)



### Save Money with Call Accounting

With your purchase of a DSX phone system you'll receive a **30-Day FREE Trial of Line Logger Call Accounting Software**. Save money by managing staff responsiveness and cracking down on the misuse of telecom voice services and fraud.

[Learn More at LineLogger.com](#)

### Protect Your New Investment

Prolong the protection of your new DSX Phone System with an additional **Extended Warranty**. The warranty pays for itself through the peace of mind that comes with knowing that your phone system is protected for up to 5 years.

[Read More at MyTelPros.com](#)



## Features at your Fingertips

### Some of the Advanced Telephone Features Include:

- Backlit Display and Illuminated Dial Pad<sup>1</sup>** – for easy viewing in low light areas.
- Interactive Soft Keys** – that change function as you use your phone, allowing you to access 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.

### Also Available:

- DSS 60-Key Console** – for power users, provides another 60 dual color programmable keys.
- Wireless Headset Adapter<sup>1</sup>** – Provides seamless integration with Plantronics Wireless Headset Systems. (Headset System not included.)
- Door Box Phone** – Self-contained Intercom unit typically used to monitor an entrance door.
- ML 440 IP DECT Multiline Handset** – Offers mobility, 4 programmable keys and a brilliant color display with graphical user interface.

## DSX Phone Manager

The DSX Phone Manager allows a user to customize their telephone's features right from the convenience of their web browser. DSX Phone Manager is intuitive and friendly, can be accessed at any time, and requires no special software – only a network connection to the user's PC.<sup>3</sup>



<sup>1</sup>Select Models. <sup>2</sup>Available in IP & digital telephone models. <sup>3</sup>May require assistance from an IT Professional.