DSX 2013 Issue 2 Parts List Changes:

- Deleted Cordless Lite II Telephone (730087) – no longer available
- Modifications to existing product descriptions

### AP20 / ML440 IP DECT

The AP20 IP DECT Access Point and ML440 IP DECT Handsets provide a complete, in-building mobility solution that seamlessly integrates with the NEC DSX system. This exciting new product uniquely combines the benefits of IP telephony and Digitally Enhanced Cordless Telephone (DECT) technology to deliver true, onsite mobility to small-to-medium-sized businesses.

### HAI (Home Automation Integration) Compatibility

DSX telephones can now control the features of HAI-compatible* Home Automation Systems. From uniquely programmed feature keys, access the Home Automation System controls to dim or turn lights on and off, view and arm a security system, view gate lock status and open the gate, access and control an audio system, and manage the heating and air conditioning system.

* HAI-compatible systems include Omni He, OmniPro II, Lumina, and Lumina Pro.

### DSX SIP Trunking

Please visit the DSX Website to view the current list of compatible DSX SIP Trunking Service Providers. SIP Trunking requires DSX system software 3.33 or higher and the DSX VoIP Daughter Board (1091044).

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**Be sure to visit the DSX Website:** www.necdsx.com

This exciting Website, designed exclusively for the DSX, provides many valuable features:

**Sales & User Information** -

- Brochures, Product Presentation, Image Library
- DSX-80/160 Configuration Guidelines
- System Configurator

*Please contact NEC Sales Support at 800-365-1928 for a 5-minute walk-through of the DSX Configurator.*

- NEC Financial Services/Leasing
- Parts List
- User Guides, Interactive User Tutorial

**Technical Information & Downloads** -

- Documentation (hardware/software/etc.), application solutions
- Free software downloads (system software, DESI labeling software)
- “Ask Another Dealer” forums
- Installation Animations

**Training** -

- On-Line Technical Training modules
- Calendar of live Webex events

---

See the “Quick Reference Parts List” on the back page!
## DSX-40 System Kits

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091015</td>
<td>DSX-40 System Kit (4 x 8 x 2) with (3) 22-Button Telephones / Black</td>
</tr>
<tr>
<td></td>
<td>Consists of:</td>
</tr>
<tr>
<td></td>
<td>(1) 1090001 DSX-40 Key Service Unit (4 x 8 x 2)</td>
</tr>
<tr>
<td></td>
<td>(3) 1090020 DSX 22-Button Display Telephones (Black)</td>
</tr>
<tr>
<td>1091026</td>
<td>DSX-40 System Kit w/ 2-Point IntraMail and (3) 34-Btn Tels / Black</td>
</tr>
<tr>
<td></td>
<td>Consists of:</td>
</tr>
<tr>
<td></td>
<td>(1) 1090001 DSX-40 Key Service Unit (4 x 8 x 2)</td>
</tr>
<tr>
<td></td>
<td>(1) 1091060 DSX 2-Port/8-Hour IntraMail</td>
</tr>
<tr>
<td></td>
<td>(3) 1090021 DSX 34-Button Backlit Display Telephone (Black)</td>
</tr>
<tr>
<td>1091027</td>
<td>DSX-40 System Kit w/ 2-Point IntraMail and (3) 34-Btn Tels / White</td>
</tr>
<tr>
<td></td>
<td>Consists of:</td>
</tr>
<tr>
<td></td>
<td>(1) 1090001 DSX-40 Key Service Unit (4 x 8 x 2)</td>
</tr>
<tr>
<td></td>
<td>(1) 1091060 DSX 2-Port/8-Hour IntraMail</td>
</tr>
<tr>
<td></td>
<td>(3) 1090026 DSX 34-Button Backlit Display Telephone (White)</td>
</tr>
</tbody>
</table>

## DSX-40 Key Service Unit

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1090001</td>
<td>DSX-40 Key Service Unit (4 x 8 x 2)</td>
<td>DX7NA-40M</td>
</tr>
<tr>
<td></td>
<td>Contains:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Central Processor &amp; Power Supply</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- (4) Central Office line ports</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- (8) DSX digital key telephone ports</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- (2) Conventional analog telephone ports</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Also contains interface circuits for (2) Analog Door Chime Boxes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(including associated relays).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum system capacities:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- (8) lines x (24) digital stations x (2) analog stations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- (8) lines x (16) digital stations x (10) analog stations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- (8) lines x (8) digital stations x (18) analog stations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Compatible with any DSX IntraMail (1091060, 1091011 &amp; 1091013) and either</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DSX IntraMail Pro (1091051 &amp; 1091053).</td>
<td></td>
</tr>
</tbody>
</table>

## DSX-40 Expansion Equipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091001</td>
<td>DSX-40 4-Port Loop-Start CO Line Card</td>
<td>4COIU-S1</td>
</tr>
<tr>
<td></td>
<td>Provides interface for (4) additional CO Lines.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum one per system.</td>
<td></td>
</tr>
<tr>
<td>1091002</td>
<td>DSX-40 8-Port Digital Station Card</td>
<td>8ESIU-S1</td>
</tr>
<tr>
<td></td>
<td>Provides interface for (8) additional DSX Digital Key Telephones.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum two per system (See note below).</td>
<td></td>
</tr>
<tr>
<td>1091003</td>
<td>DSX-40 8-Port Analog Station Card</td>
<td>8SLIU-S1</td>
</tr>
<tr>
<td></td>
<td>Provides interface for (8) additional analog telephones.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum two per system (See note below).</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** A combined maximum of (2) additional Station Cards can be installed:

- (2) Digital Station Cards (1091002) or
- (2) Analog Station Cards (1091003) or
- (1) Digital Station Card (1091002) & (1) Analog Station Card (1091003)
### DSX-80 Common Equipment Kit

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091022</td>
<td>DSX-80 Common Equipment Kit (8 x 16)</td>
</tr>
<tr>
<td></td>
<td>Consists of:</td>
</tr>
<tr>
<td></td>
<td>- (1) 1090002 DSX-80 4-Slot Common Equipment Cabinet</td>
</tr>
<tr>
<td></td>
<td>- (1) 1091008 DSX-80/160 Power Supply</td>
</tr>
<tr>
<td></td>
<td>- (1) 1090010 DSX-80/160 Central Processor Card</td>
</tr>
<tr>
<td></td>
<td>- (1) 1091009 DSX-80/160 8-Port CO Line Card</td>
</tr>
<tr>
<td></td>
<td>- (1) 1091004 DSX-80/160 16-Port Digital Station Card</td>
</tr>
</tbody>
</table>

### DSX-80 & DSX-160 Common Equipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1090002</td>
<td>DSX-80 4-Slot Common Equipment Cabinet (KSU)</td>
<td>80M</td>
</tr>
<tr>
<td></td>
<td>Contains (1) Power Supply slot, CPU card slot, and (4) universal card slots.</td>
<td></td>
</tr>
<tr>
<td>1090003</td>
<td>DSX-160 8-Slot Common Equipment Cabinet (KSU)</td>
<td>160M</td>
</tr>
<tr>
<td></td>
<td>Contains (3) Power Supply slots, CPU card slot, &amp; (8) universal card slots.</td>
<td></td>
</tr>
<tr>
<td>1091008</td>
<td>DSX-80/160 Power Supply</td>
<td>PSU</td>
</tr>
<tr>
<td></td>
<td>One required (maximum) per DSX-80 system.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>One to three required per DSX-160 system.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Refer to the Load Factor Worksheet (page 11) for details.</td>
<td></td>
</tr>
<tr>
<td>1090010</td>
<td>DSX-80/160 Central Processor Card</td>
<td>NXCPU-A1</td>
</tr>
<tr>
<td></td>
<td>One required per system.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plugs into dedicated CPU card slot.</td>
<td></td>
</tr>
</tbody>
</table>

### DSX-40/80/160 IntraMail & IntraMail Pro

#### IntraMail Hardware (CompactFlash)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091060</td>
<td>DSX IntraMail 2-Port/8-Hour Voice Mail – 128 Mailboxes</td>
</tr>
<tr>
<td>1091011</td>
<td>DSX IntraMail 4-Port/8-Hour Voice Mail – 128 Mailboxes</td>
</tr>
<tr>
<td>1091013</td>
<td>DSX IntraMail 8-Port/16-Hour Voice Mail – 128 Mailboxes</td>
</tr>
</tbody>
</table>

#### IntraMail Pro Hardware (CompactFlash)

Same features as the standard IntraMail, but also provides:
- Email notification of voice messages / Cascading Message Notification / Find Me Follow Me

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091051</td>
<td>DSX IntraMail Pro 4-Port/16-Hour Voice Mail – 128 Mailboxes</td>
</tr>
<tr>
<td>1091053</td>
<td>DSX IntraMail Pro 8-Port/32-Hour Voice Mail – 128 Mailboxes</td>
</tr>
</tbody>
</table>

Note: The IntraMail or IntraMail Pro is a CompactFlash that plugs into a dedicated slot in the DSX-40 KSU or the DSX-80/160 CPU Card.

#### IntraMail Upgrade & Expansion Licenses (Requires DSX System Software 3.0 or higher)

- See “Licensing Notes” on page 3

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091050</td>
<td>DSX IntraMail to IntraMail Pro Feature Upgrade License</td>
</tr>
<tr>
<td></td>
<td>Adds “IntraMail Pro” features to an existing standard IntraMail:</td>
</tr>
<tr>
<td></td>
<td>- Email notification of voice messages</td>
</tr>
<tr>
<td></td>
<td>- Cascading Message Notification</td>
</tr>
<tr>
<td></td>
<td>- Find Me Follow Me.</td>
</tr>
<tr>
<td></td>
<td>Does not increase port size or storage capacity.</td>
</tr>
<tr>
<td>1091048</td>
<td>DSX IntraMail/IntraMail Pro 2-Port Expansion License</td>
</tr>
<tr>
<td></td>
<td>Expand an existing IntraMail or IntraMail Pro – up to a max of (8) ports.</td>
</tr>
<tr>
<td>1091049</td>
<td>DSX IntraMail/IntraMail Pro 4-Port Expansion License</td>
</tr>
<tr>
<td></td>
<td>Expand an existing IntraMail or IntraMail Pro – up to a max of (8) ports.</td>
</tr>
</tbody>
</table>
DSX Reseller Parts List 2013 Issue 2

DSX-80 & DSX-160 Line Cards

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091009</td>
<td>DSX-80/160 8-Port Loop-Start CO Line Card</td>
<td>8COIU-B1</td>
</tr>
<tr>
<td></td>
<td>Plugs into universal card slot.</td>
<td></td>
</tr>
<tr>
<td>1091005</td>
<td>DSX-80/160 16-Port Loop-Start CO Line Card</td>
<td>16COIU-B1</td>
</tr>
<tr>
<td></td>
<td>Plugs into universal card slot.</td>
<td></td>
</tr>
<tr>
<td>1091006</td>
<td>DSX-80/160 T1/PRI Card</td>
<td>T1/PRIU-A1</td>
</tr>
<tr>
<td></td>
<td>Plugs into universal card slot.</td>
<td></td>
</tr>
</tbody>
</table>

DSX-80 & DSX-160 Station Cards

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091004</td>
<td>DSX-80/160 16-Port Digital Station Card</td>
<td>16ESIU-A1</td>
</tr>
<tr>
<td></td>
<td>Plugs into universal card slot.</td>
<td></td>
</tr>
<tr>
<td>1091010</td>
<td>DSX-80/160 8-Port Analog Station Card</td>
<td>8SLIU-A1</td>
</tr>
<tr>
<td></td>
<td>Plugs into universal card slot.</td>
<td></td>
</tr>
<tr>
<td>1091007</td>
<td>DSX-80/160 16-Port Analog Station Card</td>
<td>16SLIU-A1</td>
</tr>
<tr>
<td></td>
<td>Plugs into universal card slot.</td>
<td></td>
</tr>
</tbody>
</table>

DSX-40/80/160 Miscellaneous Equipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>808920</td>
<td>Installation Cable – 14Ft. Open Ended 25-pair with (6) 8-pin Plugs</td>
</tr>
<tr>
<td></td>
<td>Provides connection to MDF for line and station ports.</td>
</tr>
<tr>
<td>1091014</td>
<td>DSX SMDR Adapter – DB9 Female to 6-conductor Modular Jack</td>
</tr>
<tr>
<td></td>
<td>Also used to capture and output trouble-shooting data.</td>
</tr>
<tr>
<td></td>
<td>Requires 6-conductor modular line cord, not included.</td>
</tr>
</tbody>
</table>

**DSX Licensing notes:**  
Licenses can only be ordered if the DSX system software is Version 3 or higher.  
*To determine a system's software version, at any DSX phone, press Intercom and dial # * # *:  
The software version will be shown in the top line of the telephone's display.*

In order to purchase a license for a system that has a system software level lower than Version 3, you must first upgrade the specific DSX system with Version 3 software.

Placing orders for DSX Licenses requires that you provide your NEC authorized distributor with a unique 13-character code, which is obtained from the working Version 3 DSX system. This code is unique to each DSX site and can easily be retrieved at any DSX telephone on the associated system or through the DSX Admin Program. NEC will then email the Reseller a new 13-character license code, which will enable the feature.

To determine the code required to order a VoIP Expansion License (p/n 1091046) –
- The VoIP Daughter Board and system software Version 3 or higher must be installed.
- At any idle DSX phone, press the CHECK and CONF keys.
- The 13-character VoIP code will be visible in the telephone’s display.

To determine the code required to order an IntraMail Expansion License (p/n 1091048 or 1091049) or IntraMail Pro Upgrade License (p/n 1091050) –
- An IntraMail or IntraMail Pro CompactFlash and system software Version 3 or higher must be installed.
- At any idle DSX phone, press the CHECK and V-MAIL keys.
- The 13-character IntraMail code will be visible in the telephone’s display.

For additional details on DSX licenses, please refer to the DSX Website ([www.necdsx.com](http://www.necdsx.com)).
## DSX VoIP Equipment & Expansion License

### For SIP Trunks and IP Telephones

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091028</td>
<td><strong>DSX VoIP Starter Package</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Consists of:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1) 1091044  DSX 4-Port VoIP Daughter Board</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1) 1090034  DSX VoIP 34-Button Display Telephone / Black</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1) 1091045  DSX IP Phone Adapter</td>
<td></td>
</tr>
<tr>
<td>1091044</td>
<td><strong>DSX VoIP Daughter Board with 4-Port License</strong></td>
<td><strong>VOIPDB-A1</strong></td>
</tr>
<tr>
<td></td>
<td>Provides VoIP gateway ports for:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• SIP Trunk</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• DSX VoIP telephone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Standard SIP telephone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Standard SIP softphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Standard SIP ATA (Analog Terminal Adapter)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Installs in DSX-40 KSU or on DSX-80/160 CPU.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>DSX System Software should be 3.33 or higher for all VoIP applications.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum (1) VoIP Daughter Board per system.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>In DSX-40, daughter board can be expanded with (1) 4-Port VoIP Expansion License (1091046), to a maximum of (8) VoIP gateway ports.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>In DSX-80/160, daughter board can be expanded with up to (3) 4-Port VoIP Expansion Licenses (1091046), to a maximum of (16) VoIP gateway ports.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum of (32) VoIP telephone extensions per DSX-40 or DSX-80/160 system, although IP extension access to voice mail, CO/SIP trunks, and analog/digital telephones is limited by available VoIP gateway ports.</td>
<td></td>
</tr>
<tr>
<td>1091046</td>
<td><strong>DSX 4-Port VoIP Expansion License</strong></td>
<td><strong>See Licensing Notes on page 3</strong></td>
</tr>
<tr>
<td></td>
<td>Requires DSX VoIP Daughter Board (1091044).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum of (1) additional 4-Port License allowed per DSX-40 system.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum of (3) additional 4-Port Licenses allowed per DSX-80/160 system.</td>
<td></td>
</tr>
</tbody>
</table>

Refer to DSX technical documentation for additional details.

## DSX VoIP Station Equipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1090034</td>
<td><strong>DSX VoIP 34-Button Full-Duplex</strong></td>
<td><strong>34BTIXH</strong></td>
</tr>
<tr>
<td></td>
<td>Backlit Display Telephone / Black</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(24) Programmable Feature Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10) Speed Dial Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4) Soft Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requires VoIP Phone Adapter (1091045) or PoE (Power over Ethernet).</td>
<td></td>
</tr>
<tr>
<td>1091045</td>
<td><strong>DSX VoIP Phone Adapter</strong></td>
<td><strong>IPA-A1</strong></td>
</tr>
<tr>
<td></td>
<td>Consists of VoIP Adapter and AC Adapter (48VDC, 0.3A, center positive).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>VoIP Adapter provides (2) functions:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Input for AC Adapter (Model UV315-48)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Data jack for an associated PC.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Required to provide power for (1) DSX VoIP Telephone, if not using PoE (Power Over Ethernet).</td>
<td></td>
</tr>
</tbody>
</table>

Refer to DSX technical documentation for additional details.
<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1090020</td>
<td>DSX 22-Button Display Telephone / Black</td>
<td>22BTXH(BK)</td>
</tr>
<tr>
<td></td>
<td>(12) Programmable Feature Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10) Speed Dial Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4) Soft Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3-Line Display</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Half-duplex speakerphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Built-in wall-mounting hardware</td>
<td></td>
</tr>
<tr>
<td>1090021</td>
<td>DSX 34-Button Backlit Display Telephone / Black</td>
<td>34BTXBH(BK)</td>
</tr>
<tr>
<td></td>
<td>(24) Programmable Feature Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10) Speed Dial Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4) Soft Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit 3-Line Display</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit Dialpad</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Half-duplex speakerphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Built-in wall-mounting hardware</td>
<td></td>
</tr>
<tr>
<td>1090023</td>
<td>DSX 34-Button Full-Duplex Backlit Super Display Tel / Black</td>
<td>34BTSXBF(BK)</td>
</tr>
<tr>
<td></td>
<td>(24) Programmable Feature Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10) Speed Dial Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(12) Soft Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit 9-Line Display</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit Dialpad</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Full-duplex speakerphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Built-in wall-mounting hardware</td>
<td></td>
</tr>
<tr>
<td>1090024</td>
<td>DSX 60-Button DSS Console / Black</td>
<td>60BD DSS(BK)</td>
</tr>
<tr>
<td></td>
<td>(60) buttons provide one-touch access to extensions, lines, and features.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional (3) buttons for Answer, Release, and Transfer.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Connects to (1) DSX digital station port.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum (4) per system. One telephone can have up to (4) DSS consoles.</td>
<td></td>
</tr>
<tr>
<td>1090025</td>
<td>DSX 22-Button Display Telephone / White</td>
<td>22BTXH(WH)</td>
</tr>
<tr>
<td></td>
<td>(12) Programmable Feature Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10) Speed Dial Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4) Soft Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3-Line Display</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Half-duplex speakerphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Built-in wall-mounting hardware</td>
<td></td>
</tr>
<tr>
<td>1090026</td>
<td>DSX 34-Button Backlit Display Telephone / White</td>
<td>34BTXBH(WH)</td>
</tr>
<tr>
<td></td>
<td>(24) Programmable Feature Keys</td>
<td></td>
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<tr>
<td></td>
<td>(10) Speed Dial Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(4) Soft Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit 3-Line Display</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit Dialpad</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Half-duplex speakerphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Built-in wall-mounting hardware</td>
<td></td>
</tr>
<tr>
<td>1090028</td>
<td>DSX 34-Button Full-Duplex Backlit Super Display Tel / White</td>
<td>34BTSXBF(WH)</td>
</tr>
<tr>
<td></td>
<td>(24) Programmable Feature Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10) Speed Dial Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(12) Soft Keys</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit 9-Line Display</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Backlit Dialpad</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Full-duplex speakerphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Built-in wall-mounting hardware</td>
<td></td>
</tr>
<tr>
<td>1090029</td>
<td>DSX 60-Button DSS Console / White</td>
<td>60BD DSS(WH)</td>
</tr>
<tr>
<td></td>
<td>(60) buttons provide one-touch access to extensions, lines, and features.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional (3) buttons for Answer, Release, and Transfer.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Connects to (1) DSX digital station port.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum (4) per system. One telephone can have up to (4) DSS consoles.</td>
<td></td>
</tr>
</tbody>
</table>
## DSX Door Box Equipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
</table>
| 0891027 | Doorbox/Audio Interface Adapter Provides (2) interface circuits and (2) relay contacts for:  
  ▪ Door Chime Boxes  
  ▪ Additional sources for Music-on-Hold & Background Music  
  ▪ External paging zones  
  Connects to one Digital Station Port. | 2PGDAD    |
| 922450  | Analog Door Chime Box Connects to built-in Doorbox ports on DSX-40 or the 0891027 2PGDAD Adapter on DSX-40/80/160.  
  Color: Dark Brown  
  Dimensions: 3¾” W x 5” H x 1” D |           |

## DSX Wireless Headset Adapter

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
</table>
| 1091054 | Wireless Headset Adapter (WHA) Provides a seamless interface for those Plantronics wireless headsets that currently support the Plantronics HL10 Handset Lifter.  
  *When using the WHA, the Plantronics Handset Lifter is not required!*  
  The WHA requires system software level of 2.25 or higher.  
  Compatible with:  
  ▪ DSX Digital 34-Button Telephone / series 2* (1090021/1090026)  
  ▪ DSX Digital Full-Duplex Super Disp. Telephone (1090023/1090028)  
  ▪ DSX IP 34-Button Telephone (1090034)  
  ▪ DSX IP Super Display Telephone (1090035)  
  * To determine if a 34-Button Telephone is series 2, look at the 3rd digit of the MFG Code, on the bottom of the telephone, as well as on the outside of the carton. This digit will be “2” for Series 2 telephones. | WHA-A1     |

## DSX Cordless Telephone

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
</table>
| 730095  | Cordless DECT Telephone / Black Integrated to DSX system.  
  Uses DECT 6.0 1.9GHz technology.  
  Consists of:  
  ▪ Base Unit with Stand and AC Adapter  
  ▪ Handset with Ni-Mh Battery and Belt Clip  
  ▪ Charging Cradle with AC Adapter  
  ▪ Wall-Mounting Hardware.  
  Handset is equipped with (8) Programmable Feature Keys for access to DSX features & lines, speakerphone (hands-free), headset jack (2.5mm).  
  Charger equipped with second slot for charging spare battery.  
  Battery provides 16-hour talk time and 7-day standby.  
  Used as stand-alone station or in conjunction with a DSX key telephone.  
  *If required, DTL-RPT-2 Repeaters can be added to extend the range.*  
  Connects to (1) DSX digital station port. | DTL-8R-1   |
| 730643  | Spare/Replacement Battery for Cordless DECT Tel Nickel Metal Hydride / 2.4VDC 910mAh | BT-1009    |
| 730649  | Cordless DECT Repeater Extends the range of the 730095 Cordless DECT Telephone.  
  Consists of Repeater, AC Adapter, and mounting hardware.  
  Repeater must be placed within range of DECT base unit or other repeater.  
  Maximum (6) repeaters per Cordless DECT Base Unit.  
  - Maximum (3) in one direction & (3) in the opposite direction.  
  For additional details, please refer to the DSX Website: [www.necdsx.com](http://www.necdsx.com).  
  Does not require a DSX station port.  
  Although the previous repeater model (DTL-RPT-1) required a Repeater Programming Kit to “pair” a repeater to another repeater, that is not required for the DTL-RPT-2 model.  
  Replaces DTL-RPT-1 (730639). | DTL-RPT-2  |
## AP20 & ML440 IP DECT Equipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>730653</td>
<td><strong>AP20 / ML440 Kit</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Consists of:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(1) AP20  IP DECT Access Point</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(3) ML440  IP DECT Handsets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requires DSX Software Version 3.41 or higher.</td>
<td></td>
</tr>
<tr>
<td>730651</td>
<td><strong>AP20 IP DECT Access Point</strong></td>
<td>AP20</td>
</tr>
<tr>
<td></td>
<td>Omni-directional 1.9GHz access point for ML440 IP DECT Handsets. Connects to LAN via a Level 2 POE dataswitch port. Includes wall-mounting hardware. Can be ceiling-mounted with optional hardware (730658). Simultaneous conversations allowed per AP20:   (10) if only (1) AP20 is installed   (8) if multiple AP20’s are installed Maximum of (20) AP20 Access Points allowed per system. Maximum of (30) ML440 Handsets can be registered to (1) AP20. Maximum of (32) ML440 Handsets allowed per system, but usage is limited by available DSX VoIP ports. System MUST be equipped with DSX VoIP Daughter Board (1091044) and appropriate number of IP ports.</td>
<td>Requires DSX Software Version 3.41 or higher.</td>
</tr>
<tr>
<td>730650</td>
<td><strong>ML440 IP DECT Handset / Black</strong></td>
<td>ML440</td>
</tr>
<tr>
<td></td>
<td>Consists of:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ML440 IP DECT Handset</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Battery Pack (see details below)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Belt Clip</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Charger Unit with slot to charge spare battery</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AC Adapter for Charger Unit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requires DSX Software Version 3.41 or higher.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>IMPORTANT:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>In order to be compatible with the DSX system, the AP20 Access Points and ML440 Handsets must have a “B” suffix in their lot numbers, which are printed on the product cartons. For example: Lot no. 115B</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requires one or more AP20 IP DECT Access Points (730651). Maximum (32) ML440 Handsets allowed per system, but usage is limited by available DSX VoIP ports.</td>
<td></td>
</tr>
<tr>
<td>730658</td>
<td><strong>Ceiling-Mount for AP20 Access Point</strong></td>
<td>AP20 Ceiling Mt</td>
</tr>
<tr>
<td>730657</td>
<td><strong>Spare/Replacement Battery Pack</strong></td>
<td>CE-MB206-5C-02</td>
</tr>
<tr>
<td></td>
<td>Lithium-Ion 3.7VDC  1100mAh</td>
<td></td>
</tr>
<tr>
<td>730659</td>
<td><strong>Spare/Replacement Charger Unit for ML440 Handset</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Includes slot to charge spare battery.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Includes hardware for wall-mounting.</td>
<td></td>
</tr>
<tr>
<td>730660</td>
<td><strong>Spare/Replacement AC Adapter for ML440 Charger Unit</strong></td>
<td>Switching power supply:   Input: 100-240VAC  50/60Hz  250mA   Output:  5.5VDC  600mA (Center positive plug)</td>
</tr>
<tr>
<td>730661</td>
<td><strong>Leather Case for ML440 Handset</strong></td>
<td></td>
</tr>
</tbody>
</table>
## NEC Analog Station Equipment

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>780020</td>
<td>DTR-1-1 Single Line Telephone / Black</td>
</tr>
<tr>
<td></td>
<td>Features Include:</td>
</tr>
<tr>
<td></td>
<td>Data Jack, Flash key, Redial key, MW LED, and Wall-Mount hardware.</td>
</tr>
<tr>
<td></td>
<td>No Speed Dial keys.</td>
</tr>
<tr>
<td>780021</td>
<td>DTR-1-1 Single Line Telephone / White</td>
</tr>
<tr>
<td></td>
<td>Features Include:</td>
</tr>
<tr>
<td></td>
<td>Data Jack, Flash key, Redial key, MW LED, and Wall-Mount hardware.</td>
</tr>
<tr>
<td></td>
<td>No Speed Dial keys.</td>
</tr>
<tr>
<td>780025</td>
<td>DTR-1HM-1 Single Line Telephone / Black</td>
</tr>
<tr>
<td></td>
<td>Features Include:</td>
</tr>
<tr>
<td></td>
<td>(8) Speed Dial keys, Data Jack, Flash key, Hold key, Redial key, Monitor/Speaker key, MW LED, and Wall-Mount hardware.</td>
</tr>
<tr>
<td>780026</td>
<td>DTR-1HM-1 Single Line Telephone / White</td>
</tr>
<tr>
<td></td>
<td>Features Include:</td>
</tr>
<tr>
<td></td>
<td>(8) Speed Dial keys, Data Jack, Flash key, Hold key, Redial key, Monitor/Speaker key, MW LED, and Wall-Mount hardware.</td>
</tr>
</tbody>
</table>

## DSX Demo Kit

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091024</td>
<td>DSX-40 Demo Kit</td>
</tr>
<tr>
<td></td>
<td>Includes:</td>
</tr>
<tr>
<td></td>
<td>(1) 1090001 DSX-40 Key Service Unit (4x8x2)</td>
</tr>
<tr>
<td></td>
<td>(1) 1090020 DSX 22-Button Display Telephone (Black)</td>
</tr>
<tr>
<td></td>
<td>(1) 1090021 DSX 34-Button Display Telephone (Black)</td>
</tr>
<tr>
<td></td>
<td>(1) 1090026 DSX 34-Button Display Telephone (White)</td>
</tr>
<tr>
<td></td>
<td>(1) 1091011 DSX IntraMail 4-Port 8-Hour Voice Mail</td>
</tr>
<tr>
<td></td>
<td>(1) 80890 Adaptor Box – (2)RJ61X to (8)RJ11C</td>
</tr>
<tr>
<td></td>
<td>(2) 80891 8-Conductor Cords for 80890 Adaptor Box</td>
</tr>
<tr>
<td></td>
<td>(1) 0893500 NEC Soft Sided Demo Case with Wheels</td>
</tr>
<tr>
<td></td>
<td>(1) 1093061 DSX Demo Kit Quick Start Guide</td>
</tr>
<tr>
<td></td>
<td>(1) 1093087 DSX System Document CD</td>
</tr>
</tbody>
</table>
### DSX DESI Labels for DSX Digital Telephones & DSS

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Description</th>
<th>Pkg/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1093085</td>
<td>DESI Labels – DSX 22B</td>
<td>(For Black Tels)</td>
<td>20</td>
</tr>
<tr>
<td>1093083</td>
<td>DESI Labels – DSX 34B</td>
<td>(For Black Tels)</td>
<td>20</td>
</tr>
<tr>
<td>1093081</td>
<td>DESI Labels – DSX Super Display</td>
<td>(For Black Tels)</td>
<td>20</td>
</tr>
<tr>
<td>1093079</td>
<td>DESI Labels – DSX 60B DSS</td>
<td>(For Black DSS)</td>
<td>20</td>
</tr>
<tr>
<td>1093069</td>
<td>DESI Labels – DSX 60B DSS</td>
<td>(For White DSS)</td>
<td>20</td>
</tr>
<tr>
<td>1093086</td>
<td>DESI Labels – DSX 22B</td>
<td>(For White Tels)</td>
<td>20</td>
</tr>
<tr>
<td>1093084</td>
<td>DESI Labels – DSX 34B</td>
<td>(For White Tels)</td>
<td>20</td>
</tr>
<tr>
<td>1093082</td>
<td>DESI Labels – DSX Super Display</td>
<td>(For White Tels)</td>
<td>20</td>
</tr>
<tr>
<td>1093080</td>
<td>DESI Labels – DSX 60B DSS</td>
<td>(For White DSS)</td>
<td>20</td>
</tr>
<tr>
<td>1093072</td>
<td>DESI Labels – DSX 22B</td>
<td>Blank</td>
<td>25</td>
</tr>
<tr>
<td>1093071</td>
<td>DESI Labels – DSX 34B</td>
<td>Blank</td>
<td>25</td>
</tr>
<tr>
<td>1093070</td>
<td>DESI Labels – DSX Super Display</td>
<td>Blank</td>
<td>25</td>
</tr>
<tr>
<td>1093069</td>
<td>DESI Labels – DSX 60B DSS</td>
<td>Blank</td>
<td>25</td>
</tr>
</tbody>
</table>

*DESI Plus* labeling software is provided on the DSX System Document CD, which is included with each telephone system, or you can download "DESI Lite" software from our Website: [http://www.necdsx.com](http://www.necdsx.com)

The “Blank” labels are plain white and allow pre-printing of photos, logos, and other images. The dial, feature, and volume keys are not identified on the blank labels.

### Replacement Components for DSX Digital Telephones & DSS

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Description</th>
<th>Pkg/Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1091016</td>
<td>DSX Handset &amp; Cord Assembly</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>1091038</td>
<td>DSX Handset &amp; Cord Assembly</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>1091031</td>
<td>DSX Handset Cord – 9Ft.</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>1091032</td>
<td>DSX Handset Cord – 13Ft.</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>1091033</td>
<td>DSX Handset Cord – 25Ft.</td>
<td>Black</td>
<td></td>
</tr>
<tr>
<td>1091041</td>
<td>DSX Handset Cord – 9Ft.</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>1091042</td>
<td>DSX Handset Cord – 13Ft.</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>1091043</td>
<td>DSX Handset Cord – 25Ft.</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>1091018</td>
<td>Clear Plastic Panel for DSX 22-Button</td>
<td>Pkg/5</td>
<td></td>
</tr>
<tr>
<td>1091019</td>
<td>Clear Plastic Panel for DSX 34-Button</td>
<td>Pkg/5</td>
<td></td>
</tr>
<tr>
<td>1091020</td>
<td>Clear Plastic Panel for DSX Super Display</td>
<td>Pkg/5</td>
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</tr>
<tr>
<td>1091021</td>
<td>Clear Plastic Panel for DSX 60-Button DSS</td>
<td>Pkg/5</td>
<td></td>
</tr>
<tr>
<td>1091034</td>
<td>DSX Wall Mount Handset Holder (Black)</td>
<td>Pkg/10</td>
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<tr>
<td>1091035</td>
<td>DSX Wall Mount Handset Holder (White)</td>
<td>Pkg/10</td>
<td></td>
</tr>
<tr>
<td>1093102</td>
<td>Replacement Footpads for DSX Telephones</td>
<td>Pkg/36</td>
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</tbody>
</table>
### Replacement Items for DSX Cordless DECT Telephone (730095)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>730643</td>
<td>Spare/Replacement Battery</td>
<td>BT-1009</td>
</tr>
<tr>
<td></td>
<td>Nickel Metal Hydride / 2.4VDC 910mAh</td>
<td></td>
</tr>
<tr>
<td>730641</td>
<td>Replacement Charger</td>
<td>EXP10000</td>
</tr>
<tr>
<td>730662</td>
<td>Replacement AC Adapter for Base Unit</td>
<td>PS-0001</td>
</tr>
<tr>
<td></td>
<td>10VDC 500mA</td>
<td></td>
</tr>
<tr>
<td>730644</td>
<td>Replacement AC Adapter for Charger Unit</td>
<td>PS-0005</td>
</tr>
<tr>
<td></td>
<td>9VDC 350mA</td>
<td></td>
</tr>
<tr>
<td>730642</td>
<td>Spare/Replacement Belt Clip</td>
<td>UP680F</td>
</tr>
</tbody>
</table>

### Replacement Items for DSX Cordless Lite II Telephone (730087)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>730631</td>
<td>Replacement Battery (Ni-MH, DC 3.6V 750 mAh)</td>
<td>BT-930</td>
</tr>
<tr>
<td>730634</td>
<td>Replacement Belt Clip</td>
<td>EXP9302</td>
</tr>
<tr>
<td>730632</td>
<td>Replacement Charger Unit (w/o AC Adapter)</td>
<td>EXP9385</td>
</tr>
<tr>
<td>730662</td>
<td>Replacement AC Adapter for Base Unit</td>
<td>PS-0001</td>
</tr>
<tr>
<td></td>
<td>10VDC 500mA</td>
<td></td>
</tr>
<tr>
<td>730644</td>
<td>Replacement AC Adapter for Charger Unit</td>
<td>PS-0005</td>
</tr>
<tr>
<td></td>
<td>9VDC 350mA</td>
<td></td>
</tr>
</tbody>
</table>

### Replacement/Add-On Items for Conference Max Speakerphones

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>750152</td>
<td>Replacement 120VAC/12VDC Power Supply Charger</td>
</tr>
<tr>
<td></td>
<td>For Conference Max Plus Pod Charger.</td>
</tr>
<tr>
<td>750153</td>
<td>Replacement/Spare Battery Pack</td>
</tr>
<tr>
<td></td>
<td>For Conference Max Plus Pod.</td>
</tr>
</tbody>
</table>

### DSX DESI Labels for NEC Analog Telephones

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Color</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>780402</td>
<td>DESI Labels for DTR-1-1 (780020/780021) –</td>
<td>Metallic</td>
<td>Pkg/25</td>
</tr>
<tr>
<td></td>
<td>- Metallic Silver</td>
<td></td>
<td></td>
</tr>
<tr>
<td>780404</td>
<td>DESI Labels for DTR-1HM-1 (780025/780026) –</td>
<td>Black</td>
<td>Pkg/25</td>
</tr>
<tr>
<td></td>
<td>- Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>780406</td>
<td>DESI Labels for DTR-1HM-1 (780025/780026) –</td>
<td>Metallic</td>
<td>Pkg/25</td>
</tr>
<tr>
<td></td>
<td>- Metallic Silver</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*DESI Plus* labeling software is provided on the DSX System Document CD, which is included with each telephone system, or you can download *DESI Lite* software from our Website: [http://www.necdsx.com](http://www.necdsx.com)
# DSX-80 and DSX-160 Load Factor Worksheet

Each DSX Power Supply provides two outputs: 5VDC and 40VDC. The quantity of required power supplies depends on the system’s card configuration. In the tables below, enter the appropriate cards and their load factors. The load factor totals will determine how many power supplies are required.

### DSX-80 Cabinet (1091002)  **Maximum (1) Power Supply Card**

**Maximum Load Factors provided:**

<table>
<thead>
<tr>
<th>CARD</th>
<th>5VDC</th>
<th>40VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU Central Processor Card</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>Slot 1 DSX Digital Station Card *</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>Slot 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slot 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slot 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Important*: If the maximum DSX-80 load factor totals are exceeded, the DSX-160 system must be used.

### DSX-160 Cabinet (1091003)  **Maximum (3) Power Supply Cards**

**Maximum Load Factors provided:**

- With (1) Power Supply Card: 5VDC = 40  40VDC = 48
- With (2) Power Supply Cards: 5VDC = 80  40VDC = 80
- With (3) Power Supply Cards: 5VDC = 120  40VDC = 120

<table>
<thead>
<tr>
<th>CARD</th>
<th>5VDC</th>
<th>40VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU Central Processor Card</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>Slot 1 DSX Digital Station Card *</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>Slot 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slot 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slot 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slot 5</td>
<td></td>
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</tr>
<tr>
<td>Slot 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slot 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slot 8</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Power Supplies Required (1091008): ____

---

### Load Factors of Cards

(Refer to the DSX-80/160 Hardware Manual for more details)

<table>
<thead>
<tr>
<th>Part #:</th>
<th>Description</th>
<th>Load Factor</th>
<th>5VDC</th>
<th>40VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1090010</td>
<td>Central Processor Card</td>
<td>12</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>1091004</td>
<td>16-PT Digital Station Card</td>
<td>8</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>1091010</td>
<td>8-PT Analog Station Card</td>
<td>5</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>1091007</td>
<td>16-PT Analog Station Card</td>
<td>10</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>1091009</td>
<td>8-PT Analog CO Line Card</td>
<td>3</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>1091005</td>
<td>16-PT Analog CO Line Card</td>
<td>6</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>1091006</td>
<td>T1/PRI Digital Line Card</td>
<td>8</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>109xxxx</td>
<td>DSX IntraMail (Any version)</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>1091044</td>
<td>VoIP Daughter Board</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

*Note*: If DS2000 cards are being installed in a DSX, refer to the technical document: “Upgrading DS2000 to DSX-80/160” for load factor specifications.

* A DSX Digital Station Card should be installed in the first card slot!
<table>
<thead>
<tr>
<th>DSX Quick Reference Parts List</th>
<th>2013 Issue 2</th>
</tr>
</thead>
</table>

### DSX-40 KSU and System Kits
- 1091015: DSX-40 System Kit (4 x 8 x 2) & (3) 22B Telephones (Black)
- 1091026: DSX-40 System/IntraMail Kit & (3) 34B Telephones (Black)
- 1091027: DSX-40 System/IntraMail Kit & (3) 34B Telephones (White)
- 1090001: DSX-40 Key Service Unit

### DSX-40 Expansion Cards
- 1091001: 4-Port CO Line Card
- 1091002: 8-Port Digital Station Card
- 1091003: 8-Port Analog Station Card

### DSX-80 Common Equipment
- 1091022: DSX-80 Common Equip Kit
- 1090002: DSX-80 4-Slot KSU
- 1090003: DSX-160 8-Slot KSU
- 1091008: DSX-80/160 Power Supply
- 1090010: DSX-80/160 CPU Card

### DSX IntraMail (Standard)
- 1091060: DSX IntraMail 2-Port/8-Hour
- 1091011: DSX IntraMail 4-Port/8-Hour
- 1091013: DSX IntraMail 8-Port/16-Hour

### DSX IntraMail Pro
- 1091051: DSX IntraMail Pro 4-Port/16-Hr
- 1091053: DSX IntraMail Pro 8-Port/32-Hr

### DSX IntraMail Licenses
- 1091050: Upgrade to IntraMail Pro License
- 1091048: 2-Port Expansion License
- 1091049: 4-Port Expansion License

### DSX-80/160 CO Line Cards
- 1091009: 8-Port CO Line Card
- 1091005: 16-Port CO Line Card
- 1091006: T1/PRI Card

### DSX Station Cards
- 1091004: 16-Port Digital Station Card
- 1091010: 8-Port Analog Station Card
- 1091007: 16-Port Analog Station Card

### DSX VoIP Equipment
- 1091028: VoIP Starter Package
  - (1) 1091044: VoIP DB
  - (1) 1090034: VoIP 34-B Tel
  - (1) 1091045: IP Phone Adapter
- 1091044: VoIP Daughter Board
- 1091046: VoIP 4-Port Expansion License

### DSX Miscellaneous Equipment
- 808920: 25-Pair Installation Cable
- 1091014: DSX SMDR Adapter

### DSX VoIP Telephones
- 1090034: VoIP 34-Button Disp. Tel / Black
- 1091045: VoIP Phone Adapter

### DSX Multibutton Telephones – Black
- 1090020: 22-B Display Telephone / Black
- 1090021: 34-B Backlit Display Tel / Black
- 1090023: Super Display FD Tel / Black

### DSX Multibutton Telephones – White
- 1090025: 22-B Display Telephone / White
- 1090026: 34-B Backlit Display Tel / White
- 1090028: Super Display FD Tel / White

### DSX DSS Consoles
- 1090024: 60-Button DSS Console / Black
- 1090029: 60-Button DSS Console / White

### DSX Cordless Telephones
- 730065: Cordless DECT Telephone / Bk
- 730643: Cordless DECT Battery
- 730649: Cordless DECT Repeater (RPT-2)

### AP20 / ML440 IP DECT Equipment
- 730653: AP20/ML440 Kit (1) AP20 & (3) ML440
- 730651: AP IP DECT Access Point
- 730650: ML440 IP DECT Handset / Black

### Doorbox Equipment
- 0891027: 2PGDAD Doorbox Adapter
- 922450: Analog Door Chime Box

### Wireless Headset Adapter
- 1091054: Wireless Headset Adapter (WHA)

### Analog Single Line Telephones
- 780020: DTR-1-1 SLT/Black
- 780021: DTR-1-1 SLT/White
- 780025: DTR-1HM-1 SLT/Black
- 780026: DTR-1HM-1 SLT/White

### Designation Labels for DSX Telephones
- 1093069: For Black 22-Btn Tels Pkg/20
- 1093083: For Black 34-Btn Tels Pkg/20
- 1093081: For Black S-Disp Tels Pkg/20
- 1093079: For Black 60-Btn DSS Pkg/20
- 1093086: For White 22-Btn Tels Pkg/20
- 1093084: For White 34-Btn Tels Pkg/20
- 1093082: For White S-Disp Tels Pkg/20
- 1093080: For White 60-Btn DSS Pkg/20
- 1093072: Blank – for 22-Btn Tels Pkg/25
- 1093071: Blank – for 34-Btn Tels Pkg/25
- 1093070: Blank – for S-Disp Tels Pkg/25
- 1093069: Blank – for 60-Btn DSS Pkg/25

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