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# DIGITAL MultiSwitch 612EX

## Quick Start

### January 1997

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This card explains how to quickly install and configure the DIGITAL MultiSwitch 612EX module. You need the following items to install this product:

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- DIGITAL MultiSwitch 612EX module
  - DIGITAL MultiSwitch 600 Stack Station or Stack Director or DEChub 900 MultiSwitch
  - Mod-MAC options
  - Setup port device (PC or terminal)
  - Setup port cable and (optionally) an adapter
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For detailed instructions and important safety information, see the *DIGITAL MultiSwitch 612EX Installation and Configuration* manual.

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### Part 1: Installing the Module in a DIGITAL MultiSwitch 600 System

Follow the numbered procedures in this section, in order, to install and start the DIGITAL MultiSwitch 612EX module.

#### Procedure 1: Install Any Mod-MACs You Have Chosen to Use Into the Module

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Step	Action
1	Mod-MACs are not hot-swappable. Always power off the DIGITAL MultiSwitch 612EX before removing or inserting Mod-MACs.
2	Remove the dust covers from the option slots on the module.
3	Insert the Mod-MAC, aligning its sides with the card guide on the option slot.
4	Push in the connector until it is seated in the option slot. Secure the Mod-MAC using the two captive screws that are shipped with it. Install up to two Mod-MACs into the module.

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## Procedure 2: Install the Module into a Stack Director or Stack Station

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Step	Action
1	Place the module's mounting tab into the mounting slot on the Stack Director or Stack Station.
2	Push the module securely against the Stack Director or Stack Station.
3	Tighten the slotted thumbscrew on the Stack Director or Stack Station.

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## Procedure 3: Cable the Mod-MACs

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Step	Action															
1	Remove any protective caps from the module's connectors or from the cable plugs.															
2	On 10BaseFL or 100BaseFX Mod-MAC connectors, align the transmit and receive cable connectors with the transmit and receive ports. Note: 10BaseFL connectors are BN25J ST type connectors. 100BaseFX connectors are DFNR SC type connectors. One 100BaseTX port is a crossover; the other port is a straight-through. Use the following guidelines for connecting 100BaseTX ports:															
	<table><thead><tr><th>Cable Type</th><th>Connector on Device</th><th>Port on 100BaseTX</th></tr></thead><tbody><tr><td>Straight-through</td><td>Straight-through</td><td>Crossover</td></tr><tr><td>Straight-through</td><td>Crossover</td><td>Straight-through</td></tr><tr><td>Crossover</td><td>Straight-through</td><td>Straight-through</td></tr><tr><td>Crossover</td><td>Crossover</td><td>Crossover</td></tr></tbody></table>	Cable Type	Connector on Device	Port on 100BaseTX	Straight-through	Straight-through	Crossover	Straight-through	Crossover	Straight-through	Crossover	Straight-through	Straight-through	Crossover	Crossover	Crossover
Cable Type	Connector on Device	Port on 100BaseTX														
Straight-through	Straight-through	Crossover														
Straight-through	Crossover	Straight-through														
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Crossover	Crossover	Crossover														
3	Insert the connectors, ensuring that the key is correctly positioned. On 10BaseFL connectors, turn the connector clockwise to lock into position.															
4	Connect the other end of the cable to an end device (PC, workstation, switch, or hub).															

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## Procedure 4: Cable the 10BaseT Ports

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Step	Action
1	Align the release tab on the cable plug with the connector on the module's 10BaseT port connector. Use the appropriate cable type, crossover or straight-through, to ensure the transmit and receive signals are received properly.
2	Insert the plug into the connector until the release tab snaps into the locked position.

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- 3 Connect the other end of the cable to an end device (PC, workstation, switch, or hub).
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- 4 Configure the module in the DIGITAL MultiSwitch 600. See Part 3: Configuring the Module on page 4.
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**Procedure 5: Install clearVISN and Start MultiChassis Manager or MultiSwitch Manager**

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Step	Action
1	If necessary, install clearVISN on your network management station. See the clearVISN online help and <i>clearVISN Installation</i> .
2	Start the Stack Manager. Start the MultiChassis Manager or MultiSwitch Manager. See the clearVISN online help and <i>clearVISN Installation</i> .

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**Part 2: Installing the Module in a DEChub 900 MultiSwitch**

Follow these numbered procedures, in order, to install a module in a DEChub 900 MultiSwitch. The module is hot-swappable.

**Procedure 1: Prepare for Installation**

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Step	Action
1	Read chapter 1 of the <i>DIGITAL MultiSwitch 612EX Installation and Configuration</i> manual for an understanding of module concepts.
2	Install any optional media Mod-MACs for the module before installing it in the DEChub 900 MultiSwitch. See Procedure 1: Install Any Mod-MACs You Have Chosen to Use Into the Module on page 1.
3	Compare the module’s power requirements with the power availability shown on the DEChub 900 MultiSwitch’s status display. If there is not enough power, add an additional power supply to the DEChub 900 MultiSwitch before you install the module.

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**Procedure 2: Install the Module**

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Step	Action
1	Place the mounting tab on the module into a DEChub 900 MultiSwitch mounting slot.
2	Pull the release lever up to its unlocked position.
3	Pivot the module on the mounting tab and align the 48-pin connector on the module with the hub backplane connector.

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Step	Action
4	Firmly push the module onto the backplane connector.
5	Press down on the release lever to lock the module into place. Check that the module is fully seated and secure.
6	Ensure that the module's Power OK and Module OK LEDs are on.
7	Connect any modular media cables and the 10BaseT cables. See Procedure 3: Cable the Mod-MACs on page 2 and Procedure 4: Cable the 10BaseT Ports on page 2.
8	Configure the module in the DIGITAL MultiSwitch 600. See Part 3: Configuring the Module.

### Part 3: Configuring the Module

Step	Action
1	Select the appropriate cable and, if necessary, an adapter for your setup port device. Normally, this is a BN24H-xx cable and an H8571-J (6-pin MMJ to a 9-pin D-Sub connector) or H8575-A (6-pin MMJ to 25-pin D-Sub connector) adapter.
2	Connect a terminal to the setup port on the Stack Station (if in an unmanaged environment), Stack Director, or DEChub 900 MultiSwitch.
3	Ensure that the transmit and receive baud rates on the setup port device are set to 9600.
4	<b>Stack Station only:</b> Press <b>Return</b> on the setup port device until the Digital MultiSwitch 612EX INSTALLATION menu appears.
5	<b>Stack Director or DEChub 900 only:</b> Select option <b>9</b> to start redirect mode. Enter the slot number of the module. The console will be redirected to the module. The DIGITAL MultiSwitch 612EX menu appears.
6	From the DIGITAL MultiSwitch 612EX menu, select the desired menu item. For example, select <b>3</b> to see the current settings. Press <b>Return</b> to return to the main installation menu.
7	<b>Stack Station only:</b> Select <b>5</b> to configure the module's product-specific options. <b>Stack Director or DEChub 900 only:</b> Use clearVISN MultiSwitch Manager or clearVISN MultiChassis Manager to configure the product-specific options.
8	Restart the module in order for the changes to take effect.