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

- DIGITAL MultiSwitch Hub 612TX module
- DIGITAL MultiSwitch 600 Stack Station or Stack Director or DEChub 900 MultiSwitch
- Setup port device (PC or terminal)

- Setup port cable and (optionally) an adapter
- 100 Mb/s Fast Ethernet Modular Media Interface (MM-100) card (optional)

For detailed instructions and important safety information, see the *DIGITAL MultiSwitch Hub 612TX Installation and Configuration* manual.

Part 1: Installing Optional Cards into the Module

Use these guidelines to install an optional MM-100 into the module. For detailed information on the MM-100s, refer to the *100 Mb/s Fast Ethernet Modular Media Interface Cards Installation* manual.

Note: The MM-100 cards *are hot-swappable*.

Step	Action
1	Remove dust cover from module.
2	Attach one end of an antistatic wrist strap to your wrist and the other end to the chassis ground.

CAUTION

Static electricity can damage modules and electronic components. DIGITAL recommends using a grounded antistatic wrist strap and a grounded work surface when handling any modules.

Step	Action
3	Remove the dust caps from the MM-100 card, if necessary. To prevent the screws from interfering with the card insertion, make sure that the captive screws on the bezel are partially threaded into the bezel threads.
4	Hold the card by the edges of its bezel and position it so that it is parallel with the slot opening.
5	Insert the card into the slot opening and slide the card along the card guides until the bezel is flush with the module. Push the module into the connector until it is seated.
6	Firmly fasten the card to the module with the two captive screws.

Part 2: Installing the Module into a Stack Director or Stack Station

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.
4	Connect any MM-100 cables and the module's 100BaseTX cables. See Part 4: Cabling the Ports.
5	Ensure that the module's Power OK and Module OK LEDs are on.
6	If necessary, install clearVISN software on your network management station. Start the clearVISN MultiChassis Manager or Stack Manager. See the clearVISN online help and *clearVISN Installation* manual.
7	Configure the module. See Part 5: Configuring the Module.

Part 3: Installing the Module in a DEChub 900 MultiSwitch

Step	Action
1	Read Chapter 1 of the *DIGITAL MultiSwitch Hub 612TX Installation and Configuration* manual for an understanding of module concepts.
2	Install an MM-100 (optional) into the module before installing it in the DEChub 900 MultiSwitch. See Part 1: Installing Optional Cards into the Module.
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.

Step	Action
4	Place the mounting tab on the module into a DEChub 900 MultiSwitch mounting slot. Pull the release lever up to its unlocked position.
5	Pivot the module on the mounting tab and align the 48-pin connector on the module with the hub backplane connector. Firmly push the module onto the backplane connector. 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 MM-100 cables and the 100BaseTX cables. See Part 4: Cabling the Ports.
8	Configure the module. See Part 5: Configuring the Module.

Part 4: Cabling the Ports

Procedure 1: Cable the MM-100

Step	Action
1	Remove any protective caps from the module's connectors or from the cable plugs.
2	If you are installing a 100BaseFX card, align the transmit cable connector with the transmit port and the receive cable connector with the receive port. Note: The 100BaseFX MM-100 connectors are SC-type fiber-optic connectors. If you are installing a 100BaseTX card, use the following guidelines for cabling the port connector, which is an 8-pin MJ straight-through connector: **Cable Type** **Connector on Remote Device** Straight-through Crossover Crossover Straight-through
3	Insert the connectors, ensuring that each connector key or release tab is correctly positioned.
4	Connect the other end of the cable to an end device (PC, workstation, switch, or hub).

Procedure 2: Cable the Module's 100BaseTX Ports

Step	Action
1	Align the release tab on the cable plug with the connector on the module's 100BaseTX port connector.
2	Insert the plug into the connector until the release tab snaps into the locked position.
3	Connect the other end of the cable to an end device (PC, workstation, switch, or hub).

Step	Action
3 *(con't.)*	Note: The 100BaseTX connectors on the module are 8-pin MJ crossover connectors. Use the following cabling guidelines for connecting 100BaseTX ports:

Cable Type	**Connector on Remote Device**
Straight-through	Straight-through
Crossover	Crossover

Part 5: 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 are set to 9600 on the setup port device.
4	**Stack Station only:** Press **Return** on the setup port device until the `MS Hub 612TX INSTALLATION` menu appears.
5	**Stack Director or DEChub 900 MultiSwitch only:** Select option **9** from the installation menu to start redirect mode. Enter the slot number of the module. The console will be redirected to the module. The `MS Hub 612TX INSTALLATION` menu appears.
6	From the `MS Hub 612TX INSTALLATION` menu, select the desired menu item. For example, select **3** to see the current settings. Press **Return** to return to the main installation menu.
7	**Stack Director or DEChub 900 MultiSwitch only:** clearVISN Stack Manager or clearVISN MultiChassis Manager may be used to configure the product-specific options.
8	Restart the module for the changes to take effect.