



EK-DLMR2-QS. A01

DIGITAL MultiSwitch Hub 624T

Quick Start

February 1997

This card explains how to quickly install and configure the DIGITAL MultiSwitch Hub 624T module. You need the following items to install this product:

-
- DIGITAL MultiSwitch Hub 624T 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
 - Carrier Card and MM-10s (optional)
 - 10BaseT Expansion Port Group (optional)
-

For detailed instructions and important safety information, see the *DIGITAL MultiSwitch Hub 624T Installation and Configuration* manual.

Part 1: Install Optional Cards into the DIGITAL MultiSwitch Hub 624T

Before installing the DIGITAL MultiSwitch Hub 624T module into a DIGITAL MultiSwitch 600 Stack Station or Stack Director or into a DEChub 900, you must first install any optional cards into the module using these guidelines. You can install either the MM-10 option cards or the 12-port 10BaseT Expansion Port Group, but not both. See the Installation Sheets that accompany these cards for instructions.

Note: The Expansion Port Group card and Carrier Card *are not hot-swappable*, but the MM-10 cards *are hot-swappable*.

If you are installing....	Then....
The 12-port 10BaseT Expansion Port Group option card	<ol style="list-style-type: none">1) Install the 10BaseT Expansion Port Group card. See accompanying Installation Sheet for instructions.2) Either install the module into a DIGITAL MultiSwitch 600 System — see Part 2: Install the Module into a Stack Director or Stack Station Or install the module into a DEChub 900 — see Part 3: Installing the Module in a DEChub 900 MultiSwitch.

If you are installing....	Then....
MM-10 option cards	<ol style="list-style-type: none"> 1) Install the Carrier Card into the module's expansion slot. See accompanying Installation Sheet for instructions. 2) Install up to two MM-10 option cards into the Carrier Card. See accompanying Installation Sheet for instructions. 3) Either install the module into a DIGITAL MultiSwitch 600 System — see Part 2: Install the Module into a Stack Director or Stack Station Or install the module into a DEChub 900 — see Part 3: Installing the Module in a DEChub 900 MultiSwitch.

Part 2: Install 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-10 cables and the 10BaseT cables. See Part 4: Cabling the Ports.
5	If necessary, install clearVISN on your network management station. Start the clearVISN MultiChassis Manager or Stack Manager. See the clearVISN online help and <i>clearVISN Installation</i> manual.
6	Configure the module in the DEChub 900. See Part 5: Configuring the Module.

Part 3: Installing the Module in a DEChub 900 MultiSwitch

Step	Action
1	Read chapter 1 of the <i>DIGITAL MultiSwitch Hub 624T Installation and Configuration</i> manual for an understanding of module concepts.
2	Install any optional cards into the module before installing it in the DEChub 900 MultiSwitch. See Part 1: Install Optional Cards into the DIGITAL MultiSwitch Hub 624T.

Step	Action
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.
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-10 cables and the 10BaseT cables. See Part 4: Cabling the Ports.
8	Configure the module in the DEChub 900. See Part 5: Configuring the Module.

Part 4: Cabling the Ports

Procedure 1: Cable the MM-10s

Step	Action															
1	Remove any protective caps from the module's connectors or from the cable plugs.															
2	<p>On 10BaseFL MM-10 connectors, align the transmit and receive cable connectors with the transmit and receive ports.</p> <p><u>Note:</u> 10BaseFL connectors are ST-type fiber optic connectors. 10Base2 connectors are BNC connectors. AUI and Reverse AUI connectors are both DB-15 connectors.</p> <p><u>Note:</u> 10BaseT connectors are 8-pin MJ connectors. One 10BaseT port connector is a crossover; the other is a straight-through. <i>Use only one connector at any time.</i> Use the following guidelines for connecting 10BaseT ports:</p> <table border="1"> <thead> <tr> <th>Cable Type</th> <th>Connector on Device</th> <th>Connector on 10BaseT</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	Connector on 10BaseT	Straight-through	Straight-through	Crossover	Straight-through	Crossover	Straight-through	Crossover	Straight-through	Straight-through	Crossover	Crossover	Crossover
Cable Type	Connector on Device	Connector on 10BaseT														
Straight-through	Straight-through	Crossover														
Straight-through	Crossover	Straight-through														
Crossover	Straight-through	Straight-through														
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).															

Procedure 2: Cable the 10BaseT Ports

Step	Action
1	Align the release tab on the cable plug with the connector on the module's 10BaseT 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).

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 on the setup port device are set to 9600.
4	Stack Station only: Press Return on the setup port device until the MS Hub 624T INSTALLATION menu appears.
5	Stack Director or DEChub 900 only: Select option 9 to start redirect mode. Enter the slot number of the module. The console will be redirected to the module. The MS Hub 624T INSTALLATION menu appears.
6	From the MS Hub 624T 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 Station only: Select 5 to configure the module's product-specific options. Stack Director or DEChub 900 only: clearVISN Stack Manager or clearVISN MultiChassis Manager may be used to configure the product-specific options.
8	Restart the module in order for the changes to take effect.
