Fast Install Guide

This Fast Install Guide lists the steps required to install the Catalyst 1700 workgroup switch using the factory default settings. This guide assumes that you are familiar with installing and managing Ethernet hubs.

⚠️ **Caution**   If you do not have Ethernet hub experience, or are not going to use the default settings, proceed to "Introduction."

Packing List

Check the Catalyst 1700 package. It should contain the following items:

- Catalyst 1700 hub
- *Catalyst 1700 User Guide*
- One Catalyst 1700 DOS diskette containing the Catalyst 1700 MIBs in ASCII text format, pre-compiled MIBs (Profiles) for Novell NetWare Management System (NMS), and a README file
- One Catalyst 1700 UNIX diskette in TAR format containing the Catalyst 1700 MIBs in ASCII text format, pre-compiled MIBs (Schemas) for SunNet Manager and a README file
- Power cord
- Warranty package
- Four rackmount screws
- Catalyst 1700 cushioning kit (4 rubber feet with instructions)

> **Note** If any of these items are missing, notify your technical support representative.

Default Settings

The Catalyst 1700 is shipped with the following configuration default settings:

- Switching Mode: FastForward

- Learning Mode: Dynamic

- Network Port: Self-Sensing

- Address Aging: None

- Lost Connection Aging: None

- Active General Ethernet Port Connector: Self-Sensing

- Port Status: Enabled

- Address Violation Action: Suspend

- Port Monitoring Mode: Disabled

These configuration defaults and how to change them are described in detail in the chapter "Catalyst 1700 Concepts Overview." See chapters "In-Band Management" and "Out-of-Band Management" for details on network management-related default settings.

Fast Install Procedures

1 Unpack the Catalyst 1700.

> **Note** See the chapter "Hardware Installation" for detailed hardware installation information.

2 Mount the Catalyst 1700 on a table, shelf, or in a rack.

3 Attach the power cable.

4 Cable the workstations and servers to the Catalyst 1700.

5 If required, connect the Catalyst 1700 to the network.

6 Turn the power on.

When first powered-on, all LEDs light and a self-test automatically begins. (Refer to the chapter "Troubleshooting" for a description of each test.) Tests are run in reverse numerical order, beginning with test 14. While a test is running, the column of Personal Ethernet port LEDs with that test number will be off. When the test passes, its LEDs are turned back on and the next test is performed.

Each test lasts only a few seconds, with the exceptions of tests 8 and 9 which last approximately 30 seconds each.

If a test fails, the associated LED column remains off during the remainder of the tests. Upon completion of all tests the LED display will stay fixed with the column of LEDs in each passed test turned on and each failed test turned off. When all tests pass, all LEDs are turned off. The Catalyst 1700 is now installed and operational.

Note If tests 13 or 14 fail, the Power-On Self Tests stop immediately. Call your technical support representative for service.

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7 Reboot all attached workstations as necessary.

Using the default Dynamic Learning Mode, the Catalyst 1700 learns the port address by reading the source address of an incoming packet from an attached workstation. Until it receives the first packet, the Catalyst 1700 will discard packets destined for that workstation. To minimize this, it is recommended that the attached workstations be rebooted.

Note Servers will typically not require rebooting due to their frequent broadcasts.

Fast Install Procedures