Ethernet Hub

5 Port 10BaseT Micro Hub

Installation Manual

5PORT

Overview

The StarTech.com 5 Port 10BaseT micro hub may be small in size, but it is not small on value. With 5 UTP/STP ports, and the ability to be daisy chained with up to 4 other hubs, the 5PORT delivers lots of expandability for the future.

Features

- Fully conforms to IEEE 802.3 10BaseT repeater specifications
- Automatic bad port partitioning isolates problem-causing workstations
- Allows data recovery without signal distortion
- LED indicators provide Link/Activity, Collision, Power status
- Uplink port allows for cascade expansion
- Ultra-compact size minimizes equipment space requirements
- Includes AC power adapter (120V) and wall-mounting screws
- 2-year Warranty

Specifications

Standards	IEEE 802.3/10BaseT
Data Transfer Rate	10Mbps
10Mbps Ports	(5) RJ-45
Uplink Port	(1) RJ-45
LEDs	(5) Link/Activity, Collision, Power
Power	12V DC 0.5A external power adapter
Dimensions	127 x 83 x 30 mm (5.0 x 3.27 x 1.18 inches)
Weight	180g (0.4lb)
Operating Humidity	10~95% (Noncondensing)
Certification	FCC Class B, CE Mark

Getting Started

This section is designed to help you prepare the 5PORT for installation. Please read through this section carefully before attempting to install the card.

Unpacking the 5PORT

This package should contain:

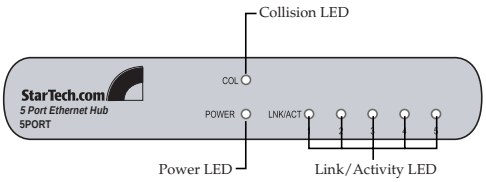
1 x 5 Port 10BaseT Micro Hub

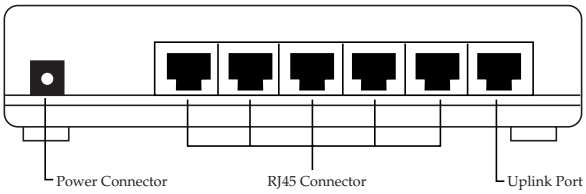
1 x External power adapter

Installation

Physical Description

Panel





LED

LED	Status	Description	Number of LED
Power	Lit	Power is supplied	One for the whole Hub
	Off	No Power	
COL	Lit	Collision detected in this segment	One
	Off	No Collision	
LNK/ACT (Link/Activity)	Lit	A valid link is established	One for each port
	Flash	Data packets received	
	Off	No link is established	

Operating Environment

This hub must be installed and operated within the limits of the specified operating temperature and humidity (see Specifications). Do not place objects on top of the unit. Do not obstruct any vents at the sides of the unit. Do not position the hub near any heating source such as a heater radiator or in direct exposure to the sun. Prevent water and moisture from entering into the unit. If necessary, use a dehumidifier to reduce humidity.

Connecting Network Devices

1. Connect a Category 5 patch cable to the RJ45 jack on your computer's network card. (The RJ45 jack looks like an oversized phone jack)
2. Connect the other end of the cable to port 1, 2, 3, 4 or 5 on the hub (not the uplink port)
3. Repeat steps 1 and 2 for all the computers you want to network.

Uplink to Another Hub

Use the Uplink port (the first port) to connect to another hub. Connecting cables must comply with EIA.TIA 568 specifications and Category 3, 5 standards to connect hubs.

Connecting the Power

Connect the power cord to the power socket on the external power adapter. Connect the DC power jack to the DC power socket on the rear panel of the hub. Connect the power cord to the power outlet. The Power LED on the front panel should be lit.

Troubleshooting

1. Power LED is not lit
   - Check if the power cord is properly connected to the external power adapter and the power outlet. Make sure the DC power jack is firmly plugged into the power socket of the hub.

2. Link Status LED is not lit
   - Check the power switch of the network devices attached to the hub; make sure they are turned ON. Check the network cables; make sure they are properly connected to the hub and network devices.
   - Check the network cables; make sure the cables are comply with EIA/TIA 568 specification. Use straight-through Category 3 or 5 cables for connection.

3. The first port's Link Status LED is not lit when it is uplinked to another hub
   - Make sure the cable is connected to the uplink port.
   - Check the network cable; make sure it is properly connected to both hubs. One end of the cable should be connected to the uplink port while the other end of the cable should be connected to a regular port. Do not connect the cable to both uplink ports.
   - Check the network cable; make sure the cable complies with EIA/TIA 568 specifications.

4. Collision LED flashes constantly
   - Remove all the network cables; connect the cables back on by one to isolate the source of collision.
   - Check the network cable. Inferior cable quality will result in excessive collision and error packets.