

Quick Installation Guide

Note : Please read this quick installation Guide first.

PACKAGE CONTENTS

- The TE100-H8E Fast Ethernet 100Base-TX 8-port Mini Hub
- AC to DC (+12VDC 800mA) Power Adapter*
- This Quick Installation Guide

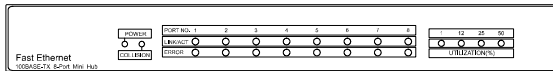
*Model: WP 481012D(for USA), WP481012DJ(for JPN)

WP 481012DV(for EUR), AM-12800B(for UK)

HARDWARE DESCRIPTION

The Front Panel

The front panel indicates LEDs status. The LED indicators monitor the status of each port and connected segments. There are 5 different LEDs on the front panel; power (PWR), collision (COL), Link/Activity, Error and Utilization.



| LED Function | Color | Description |
|---------------|--------|--|
| Power | Green | Lit : Power On Unlit : Power Off |
| Collision | Amber | Lit : Data collision occurs |
| Link/Activity | Green | Lit : Indicates connected segment Glitter : Receiving data |
| Error | Yellow | Flashing : Data error occurs Lit : Indicates partition and port isolation |
| Utilization | Green | Indicates hub traffic |

The Rear Panel

The rear panel contains the DC power socket, 8 Shielded Twisted-Pair (STP) ports and one uplink slide switch.

Use any one of the STP ports for connecting to a 100Base-TX node using Category 5 UTP/STP cabling. The uplink port provides cascading capability to the second 100Base-TX Fast Ethernet hub.

The DC power socket is capable of accepting DC power input from +9V to +12V.



HARDWARE INSTALLATION

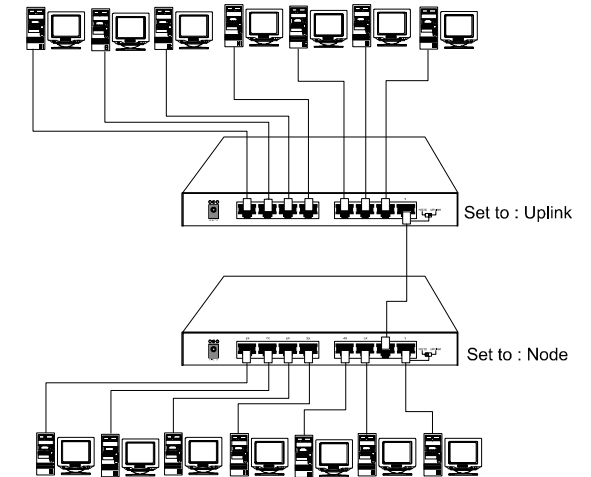
Quick Installation Procedure

1. Place the TE100-H8E on a smooth surface.
2. Connect AC/DC power adapter to the wall jack and connect power adapter's plug to the DC power socket on the hub.
3. Connect workstations to the TE100-H8E by using Category 5 UTP/STP cabling.
Distance between the hub and the workstations can be no more than 100 meters.
4. Connect each device (up to 8) to the TE100-H8E using the same procedure in Step 3.

If you would like to connect more than 8 Fast Ethernet devices, you can use the uplink port cascading to another hub. In compliance with IEEE802.3u Class II specification, two repeaters can be cascaded using 5-meter cable in a single collision domain.

1. Connect a Category 5 UTP/STP cable to the Uplink port # 1 of the first TE100-H8E. Uplink Switch should be set to Uplink mode.
2. Connect other end of the cable to any available ports on the second TE100-H8E. Note: If port 1 is used, make sure the Uplink Switch is set to Node mode.
3. Connect workstations by using Category 5 UTP/STP cabling.
4. Connect each device (up to 8) to the TE100-H8E using the same procedure in Step 3.
5. Connect AC/DC power adapter to the wall jack and connect power adapter's plug to the DC power socket on the hub.

Do not connect port # 1 of the first hub to port # 1 of the second hub when both Uplink switches is set to the same mode.



Uplink Multiple Hubs

Product Specifications

| | |
|----------------------------|--|
| Standard | IEEE802.3u, 100Base-TX Class II Repeater |
| Number of 100Base-TX ports | 8 |
| Uplink port | Port # 1 (Sliding Switch) |
| Cable Distance | 5 Meters for hub-to-hub 100 Meters for hub-to-workstation |
| Cabling | UTP/STP Category 5 wiring |
| Expandability | 14 ports on class II standard |
| LEDs | Power – Green Collision – Amber 8 Link/Activity – Green 8 Error – Yellow 4 Utilization – Green |
| Power Adapter | AC to DC (+12V 800mA) |
| Temperature | Operation 0°C to 50°C |
| Humidity | 5% to 95% non-condensing |
| Dimensions | 245 x 120 x 30 mm |
| Certification | FCC Class A, CE, VCCI |

Copyright Notice

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Trademarks

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FCC Compliance Statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules . These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in residential installation . This equipment generated, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications. However, these is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected .
- . Consult the dealer or an experienced radio TV technician for help .

NOTICE:

- I. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- II. Shielded interface cables and AC power cord, must be used in order to comply with emission limits.

CE Mark Declaration of Conformance

This is to certify that this product complies with ISO/IEC Guide 22 and EN45014. It conforms to the following specifications :

| | |
|------------------------------------|---|
| EMC : EN55022(1988)/CISPR 22(1985) | Class A |
| EN60555-2(1987) | Class A |
| prEN55024-2(1990)/IE801-2(1991) | 4KV CD, 8KV AD |
| prEN55024-3(1991)/IE801-3(1984) | 3V V/m |
| PrEN55024-4(1992)/IE801-4(1988) | 1KV - (power line) 0.5KV - (signal line) |

This product complies with the requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC.

TE100-H8E ProXpress 100Base -TX Mini Hub

User's Guide

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