

FlexPoint™ TR User Instructions

Description:

The FlexPoint™ TR converts between 4/16 Mbps Token Ring twisted pair (RJ45 UTP) and fiber cabling. The following models are described here:

Model	UTP	Fiber
4360	Category 3 / 5	Multi-mode, ST, 850 nm
4361	Category 3 / 5	Singlemode, ST, 1310 nm

Power Adapter Notice:

1. When using in a stand-alone configuration, this product is intended to be used and must be used only with a Listed Direct Plug-In Power Unit marked "Class 2" and rated at 9Vdc, 1 Amp.

2. This product should always be used only with Omnitron supplied Power Unit model number 9113-PS.

WARNING!

Before inserting the Power Adapter, verify that the power on the unit is appropriate for your AC line voltage source.

Mounting:

The FlexPoint TR can be wall mounted individually or rack-mounted using a 5-position shelf, FlexRack 5, or a power-redundant FlexPoint Powered Chassis.

Warning

The operating description in this Instruction Manual is for use by qualified personnel only. To avoid electrical shock, do not perform any servicing of this unit other than that contained in the operating instructions, unless you are qualified and certified to do so by Omnitron Systems Technology, Inc.

Caution

All user-required operations can be performed without opening the unit. Never attempt to open or remove the cover or tamper with the unit.

Warranty

This product is warranted to the original purchaser against defects in material and workmanship for a period of TWO YEARS from the date of shipment. A LIFETIME warranty may be obtained by the original purchaser by REGISTERING this product with Omnitron within 90 days from the date of shipment. TO REGISTER, COMPLETE AND MAIL OR FAX THE REGISTRATION PORTION OF THIS INSTRUCTION MANUAL TO THE INDICATED ADDRESS. During the warranty period, Omnitron will, at its option, repair or replace a product which is proven to be defective.

For warranty service, the product must be sent to an Omnitron designated facility, at Buyer's expense. Omnitron will pay the shipping charge to return the product to Buyer's designated US address using Omnitron's standard shipping method.

Switch Settings:

"RJ45 Cross-Over" Switch: When connecting the UTP to a Ring-Out or a Lobe set switch to "Straight-Through" (factory setting). When connecting to a Ring-In or a workstation, set it to "Cross-Over."

"Auto Select/Cable Test" Switch: When in "Auto Select" (factory setting), the FlexPoint TR adapts its operation to the type of equipment it is connected to. When in "Cable Test," the FlexPoint supports a fiber or copper media test.

LED Indicators:

LED	Color	Description
Power	Yellow	Power applied
	Red	Error detected
Inst	Green	Inserted successfully into a lobe or Ring-In
	Yellow	Media (Cable) test is enabled
Fiber Ready	Green	Fiber OK
UTP Ready	Green	UTP OK

Cable / Media Test:

When in "Cable Test," the FlexPoint TR provides a cabling media test. For fiber test, provide a connection between the Tx and Rx fiber ports, a good fiber turns the "Fiber Ready" LED ON. For UTP test, connect a RJ45 cable to a port in a hub; a good cable turns the "UTP Ready" LED ON.

Installation:

For all connections, attach the fiber between the two FlexPoint TR units first, the "Fiber Ready" LED on both units should turn ON.

Select the appropriate "Straight/Crossed" selection for the type of device connecting to on the UTP side.

1. Workstation (WS) to a hub: Attach the FlexPoint's UTP to the hub, "UTP Rdy" should go ON. Attach the FlexPoint's UTP to the WS. Reboot the WS, the UTP and Insert LEDs should turn ON.

2. Ring-Out (RO) to Ring-In (RI): Attach the RI and RO cables to the hubs. Make sure that at least one WS is operational on the ring. The "UTP Rdy" on the RO side FlexPoint TR should turn ON. If using active MAUs, they might have to be set to 8228 mode.

3. Hub (MAU) to a Switch: Attach to the hub's lobe, the "UTP Rdy" LED should turn ON. Attach to the switch's port, the "UTP Rdy" and Insert LEDs should turn ON. It might be required to set the switch to "Cross-Over."

Technical Support:

For help with this product, contact our Tech. Support:

Phone: (949) 250-6510

Fax: (949) 250-6514

Address: Omnitron Systems Technology, Inc.
140 Technology Drive, #500
Irvine, CA 92618 USA

Email: support@omnitron-systems.com

URL: http://www.omnitron-systems.com

User Warranty Registration

Please complete both sides and mail or fax this registration form to:

Omnitron Systems Technology, Inc.
140 Technology Drive, #500
Irvine, CA 92618, USA
Fax: (949) 250-6514

Name: _____

Company: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____

Phone: _____

Fax: _____

Email: _____

Please complete both sides of this form

Notes:

User Warranty Registration

Please complete both sides and mail or fax this form to the address indicated on the other side.

FlexPoint Type: ☐ TR ☐ Fiber Type _____ Connector _____

Model: _____

Serial Number: _____ Purchase Date: _____

Purchased From: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Country: _____

Comments and Suggestions: _____

Please complete both sides of this form