

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 Category 3 / 5 Singlemode, ST, 1310 nm 4361

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 vou 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.

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	Q		
Email:	support@omnitron-systems.com			
URL:	http://www.omnitron-systems.com			

Notes:

Limitation of Warranty

The foregoing warranty shall not apply to defects resulting from improper or inadequate use and/or maintenance of the equipment by Buyer, Buyer-supplied equipment, Buyer-supplied interfacing, unauthorized modifications or tampering with equipment (including removal of equipment cover by personnel not specifically authorized and certified by Omnitron), or misuse, or operating outside the environmental specification of the product (including but not limited to voltage, ambient temperature, radiation, unusual dust, etc.), or improper site preparation or maintenance.

No other warranty is expressed or implied. Omnitron specifically disclaims the implied warranties of merchantability and fitness for any particular purpose.

Exclusive Remedies

The remedies provided herein are the Buyer's sole and exclusive remedies. Omnitron shall not be liable for any direct, indirect, special, incidental, or consequential damages, whether based on contract, tort, or any legal theory.

Form: 040-04360-001B 11/07

Installation:

ö and mail or fax this registration form t ms Technology, Inc. Warranty Registration

User

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