

MEDIA CONVERTER RACK TECHNICAL SPECIFICATIONS

Case dimensions	16.75" x 8.00" x 4.00" (425mm x 203mm x 102mm)		
Power Requirements	NOTE: Ensure that available power circuits are not overloaded. Ensure that rack mounting equipment is reliably grounded.		
Input Voltage	85-264 VAC		
Input Frequency	47-63 Hz		
Output Voltage	9 VDC		
Output Current	750mA per port		
Power Cord	TN P/N	Requirement	Location
	3344	120 volts, 60 Hz	USA/Canada
	3344	100 volts, 50-60 Hz	Japan
	3347	230 volts, 50 Hz	Europe
	3348	240 volts, 50 Hz	Australia
	3349	240 volts, 50 Hz	United Kingdom
Environment	Temperature:	0-50°C (32° to 122° F)	
	Humidity	10-90%, non condensing	
	Altitude	0-10,000 feet	
Warranty	Lifetime		

Compliance Information

Safety: UL 1950 and EN60950
C-UL Listed (Canada)

Emissions: FCC Class A, CISPR 22 Class A, EN55022

Immunity: EN50082, IEC 801-2,3,4

FCC Regulations

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 a commercial environment. This equipment generates, 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. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at the user's own expense.

Canadian Regulations

This digital apparatus does not exceed the Class A limits for radio noise for digital apparatus set out on the radio interference regulations of the Canadian Department of Communications.

European Regulations

Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

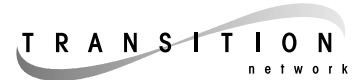
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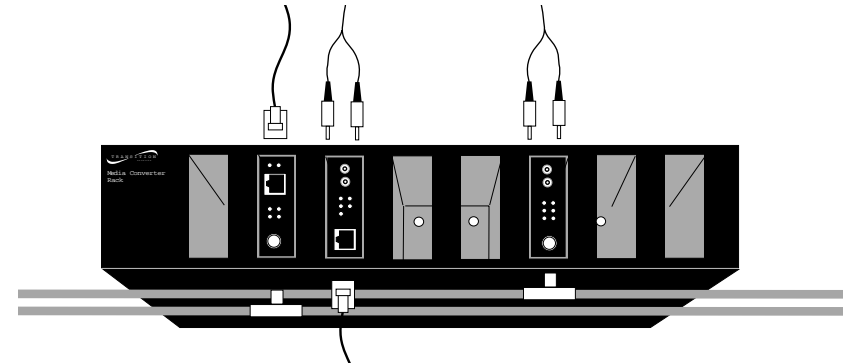
Minneapolis, MN 55344 USA

Media Converter Rack

E-MCR-01

USER'S GUIDE

The Transition Networks Media Converter Rack provides space and power in a rack-mountable chassis for eight (8) separate and independent Transition Networks media converters. A Media Converter Rack with one (1) Transition Networks 10BASE-T/10BASE-2 media converter, one (1) 10BASE-T/10BASE-FL media converter, and one (1) 10BASE-2/10BASE-FL media converter is shown:



The Media Converter Rack is designed ONLY for installation of media converters which are designed and built by Transition Networks and that have both media input connector and media output connector located on the same side of the media converter, opposite the side of the media converter with the power input connector.

TRANSITION NETWORKS MEDIA CONVERTERS WITH POWER REQUIREMENTS RANGING FROM 9VDC TO 12VDC ARE SUITABLE FOR INSTALLATION IN THE MEDIA CONVERTER RACK.

The Transition Networks Media Converter Rack is shipped with attached feet for installation on any well-ventilated table-top or shelf. Optionally, the Media Converter Rack can be installed in a standard 19-inch rack, using installation brackets and attachment screws provided.

INSTALLATION NOTES

CAUTION: Do not allow air intake vents at bottom of Media Converter Rack to become blocked. Failure to observe this caution could result in equipment damage or failure.

CAUTION: Do not use the chassis of Media Converter Rack to provide earth ground for any 10BASE-2 cable shield connected to any installed media converter. Failure to observe this caution could cause the Media Converter Rack and all installed media converters to fail.

CAUTION: Mounting of the equipment in a rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.

NOTE: A minimum of one media converter must be installed for the power supply in the Media Converter Rack to regulate properly.

2 Installing Transition Networks Media Converter(s) in Media Converter Rack

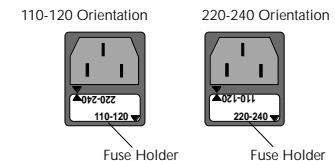
1. Locate power input connector on back of each media converter.
2. Locate power output connector(s) inside Media Converter Rack.
3. Carefully align power input connector on back of each media converter with power output connector inside Media Converter Rack. Carefully press media converter against power input connector.

3 Installing Media Cables at front of Media Converter(s)

1. Refer to documentation that comes with the media converter(s) to determine correct cable specifications and distances for each media converter.
2. Connect input media cable at front of installed media converter(s).
3. Connect output media cable at front of installed media converter(s).

4 Powering the Media Converter Rack

1. Locate power receptacle and associated fuse on Media Converter Rack back.



2. Referring to power cord specifications on this document, verify that fuse is installed at correct setting for site installation location. *If not installed at correct setting: Use small, flatblade screwdriver to carefully open fuse receptacle, rotate fuse 180°, re-install fuse, and close fuse receptacle.*
3. Connect female end of power cord to Media Converter Rack.
4. Connect male end of power cord to external AC outlet.

NOTE: Power indicators on media converters are illuminated when installation is complete.

1 Optionally Installing Media Converter Rack in 19-inch Site Rack

Attach mounting brackets to Media Converter Rack:

1. Locate four (4) screws (PROVIDED) for each Media Converter Rack to be installed.
2. Align mounting bracket(s) against side of Media Converter Rack so that Media Converter Rack installation holes are visible through mounting bracket installation holes and so that bracket surface to be attached to 19-inch site rack is flush with front of Media Converter Rack.
3. Using Phillips screwdriver, install two (2) screws through each mounting bracket into side of Media Converter Rack.

Attach Media Converter Rack to 19-inch site rack:

1. Locate four (4) screws and optional clip-nuts (NOT PROVIDED) for each Media Converter Rack to be installed.
2. Carefully align the Media Converter Rack at a level position between the 19-inch site rack mounting rails.
3. Install two (2) screws through right front bracket into right site rack mounting rail and two (2) screws through left front bracket into left site rack mounting rail, using clip nuts to secure if necessary.

