

# MEDIA CONVERTER RACK TECHNICAL SPECIFICATIONS

<b>Case dimensions</b>	17.0" x 13.0" x 4.5" (432mm x 330mm x 114mm)		
<b>Power Requirements</b>	NOTE: Ensure that available power circuits are not overloaded. Ensure that rack mounting equipment is reliably grounded.		
<b>Input Voltage</b>	85-264 VAC		
<b>Input Frequency</b>	47-63 Hz		
<b>Output Voltage</b>	9 VDC		
<b>Output Current</b>	600mA per port maximum		
<b>Power Cord</b>	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
<b>Environment</b>	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.

## Copyright Restrictions

© 1999 TRANSITION Networks. All rights reserved. No part of this work may be reproduced or used in any form or by any means – graphic, electronic, or mechanical – without written permission from TRANSITION Networks.

## Trademark Notice

All registered trademarks and trademarks are the property of their respective owners.



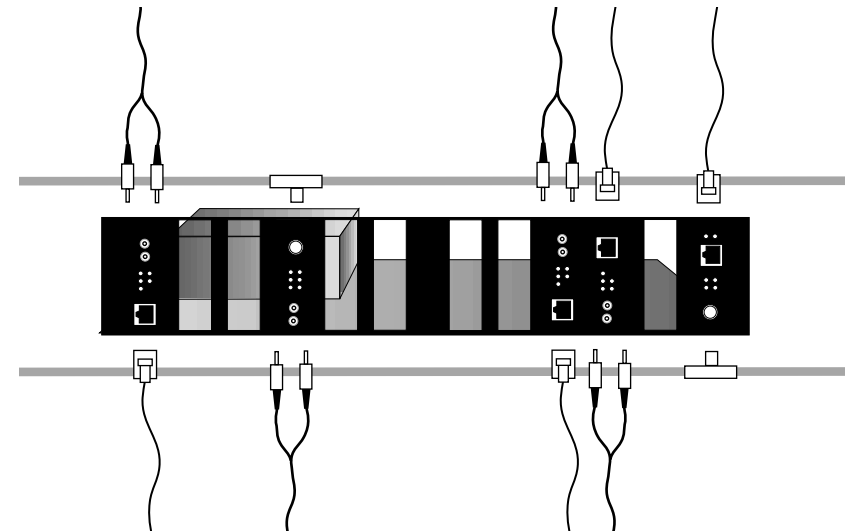
Minneapolis, MN 55344 USA

# Media Converter Rack

E-MCR-02

## USER'S GUIDE

The Transition Networks Media Converter Rack provides space and power in a rack-mountable chassis for twelve (12) separate and independent Transition Networks media converters, each with power requirements ranging from 9VDC to 12VDC.



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

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

**WARNING:** Carefully mount the Media Converter Rack in a standard 19-inch rack to prevent creating a hazardous condition due to uneven mechanical loading. Failure to observe this warning could allow the Media Converter Rack to fall, resulting in injury to personnel and/or equipment damage.

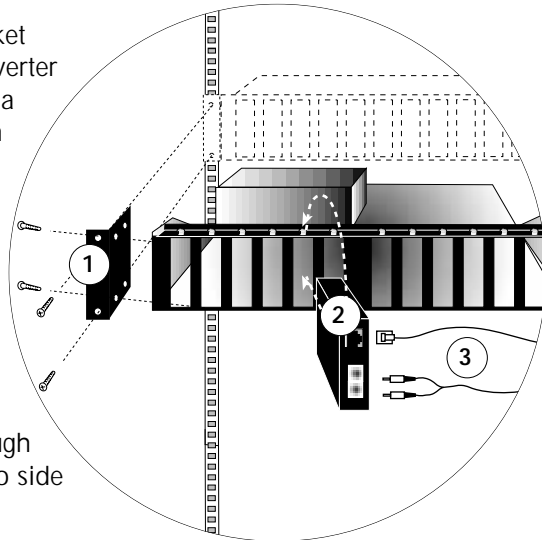
**CAUTION:** Do not use the Media Converter Rack chassis to provide earth ground for any 10BASE-2 cable shield connected to any installed media converter. Failure to observe this caution could cause the Media Converter Rack and all installed media converters to fail.

## Optionally Install E-MCR-02 in 19-inch Site Rack

**NOTE:** Mounting brackets provide two (2) sets of mounting holes, located one inch apart, that allow site-selection of flush or recessed installation.

### 1 Attach mounting brackets to E-MCR-02:

- Locate two (2) mounting brackets and four (4) screws (PROVIDED) for each Media Converter Rack to be installed.
- Align each mounting bracket against side of Media Converter Rack so that selected 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.
- Using Phillips screwdriver, install two (2) screws through each mounting bracket into side of Media Converter Rack.



### Attach E-MCR-02 to 19-inch site rack:

- Locate four (4) screws and optional clip-nuts (NOT PROVIDED) for each Media Converter Rack to be installed.
- Carefully align the Media Converter Rack at a level position between the 19-inch site rack mounting rails.
- 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.

## 2 Install Media Converter(s) in E-MCR-02

- Align media converter within installation space *at front* of Media Converter Rack and carefully slide into place.
- Tighten thumb screw located on Media Converter Rack directly above media converter to secure.

## 3 Install Media Cables at Front of Media Converter(s)

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

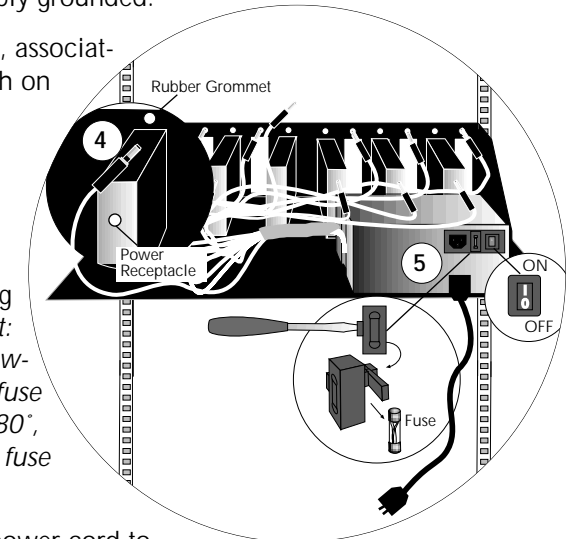
## 4 Connect Media Converter(s) to Power

- Locate media converter power cord (shipped with connector secured in rubber grommet located above media converter installation slot).
- Remove media converter power connector from rubber grommet and install in power receptacle at back of media converter.

## 5 Power the Media Converter Rack

**NOTE:** Ensure that available power circuits are not overloaded and that rack mounting equipment is reliably grounded.

- Locate power receptacle, associated fuse and power switch on power supply at Media Converter Rack back.
- Referring to power cord specifications on back page, verify that fuse is installed at correct setting for site installation. *If not: Use small, flatblade screwdriver to carefully open fuse receptacle, rotate fuse 180°, re-install fuse, and close fuse receptacle.*



- Connect female end of power cord to Media Converter Rack.
- Connect male end of power cord to external AC outlet.
- Set ON/OFF switch to "I".