

# MC-1000

## Media Chassis

### 1. Overview

The 19-inch Media Chassis, MC-1000 is designed to accommodate 10 units of various type media converter at a central location for multiple segments cross connection. IEEE802.3, 10Mbps Ethernet supports for network connection such as 10Base-2, 10Base-T and 10Base-FL. IEEE802.3/u, 100Mbps Fast Ethernet supports 100Base-TX, 100Base-FX/SX. The slide-in media converters are available for use at a 19-inch Media Chassis.

### 2. Checklist

Before you start installing the Converter, verify that the package contains the following:

- The Media Chassis
- AC Power Cord
- Mounting Accessory (for 19" Rack Shelf)
- This User's Guide

Please notify your sales representative immediately if any of the aforementioned items is missing or damaged.



*Fig. 1 Front View of 19-inch Media Chassis for Redundant Power Model*

### 3. Installation

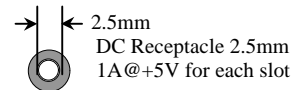
#### A. Installing Media Chassis to a Wiring Closet Rack

- ⇒ Install four screws through mounting ears into each side
- ⇒ Locate Media Chassis at 19-inch mounting rails and screw up the front brackets
- ⇒ Set Main power switch at "OFF" position before connecting the power cord

#### B. Installing Media Converter to a Media Chassis

- ⇒ The slide-in Media Converters and Media Chassis should be supplied only from the same source, both Media Converters and Chassis are built to match each other at dimensions, DC power jack, DC receptacle and power safety.
- ⇒ Turn off the 19" chassis power
- ⇒ Verify the Media Converter is right for this Rack and locate +5VDC power jack on converter back, carefully slide in and plug to match 19" rack slot +5V DC receptacle
- ⇒ Ensure that there is no activity in the network
- ⇒ Connect the media cable for network connection
- ⇒ Turn on the chassis power, the Power LED will light up

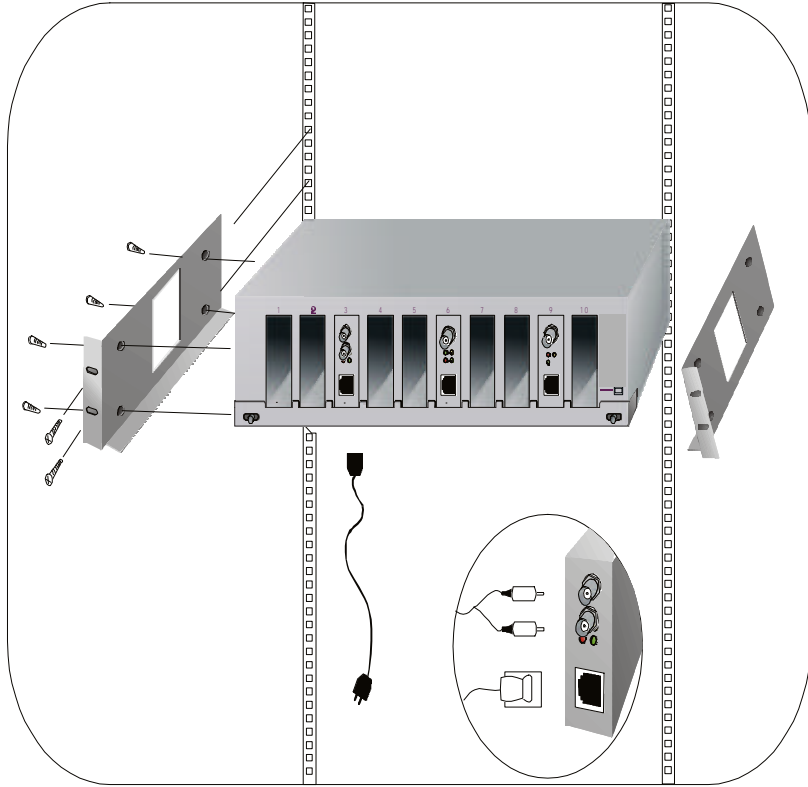
<b>Fiber Port:</b>	Attach the fiber cable. The Tx, Rx fiber cable must be paired at both ends
<b>TP Port:</b>	Attach UTP Cat. 3 or 5 cable to TP port MPR : To a Hub or Repeater DTE : To a workstation or NIC Slide switch "DTE" / "MPR" is on the side panel. Default: MPR
<b>BNC Port:</b>	Attach T-Connector to BNC port and connect the RG-58 coaxial network. Ensure the coaxial cable/segment is terminated at both ends properly



Each slot of 19-inch Converter Rack, its DC receptacle is 2.5mm wide that conforms to the Media Converter 2.5mm DC jack's central post.

#### Note:

- Either DTE or MPR can be used at a time, do not attach both ports in network connection.
- 10Base-T port for cabling connections:  
**DTE:** To workstation  
**MPR:** UP-link to a Hub or Repeater
- Configure the MPR-DTE slide switch on the side panel for cable connection to a hub or NIC(Network Interface Card)



*Fig. 2 Installing Media Chassis in 19-inch Wiring Closet Rails*

#### 4. 19-inch Media Chassis Technical Specifications

- **Slot Capacity** : 10 slots for slide-in converter
- **LED Indicator** : Lit when power is good

- **Power Requirement:**

AC Input:

Voltage 100~240VAC  
Frequency 50~60 Hz  
Dissipation 200W maximum

**Per slot DC Power Output:** 1A@+5VDC

**Per slot DC Power Plug** : 2.5mm DC receptacle

- **Ambient Temperature** : 0° to 50°C
  - **Humidity** : 5% to 90%
  - **Dimensions** : 110(H) × 430(W) × 332(D) mm
  - **Weight** : 8Kg
- **Complies with FCC Part 15 Class A & CE Mark Approval**

#### 5. Power Notice

The MC-1000 deploy standard IBM compatible AT power supply unit, if your media chassis encounter the power failure problem (Power LED remains off after turn the power on), please find an AT power with at least 200watt capability and remove the cover to replace it.

**To prevent costly equipment damage and downtime, please consider installing a surge suppression device or a UPS (un-interrupted power supply).**



Part No.:EM-MC1K