1. Package Contents

Before start installing the Converter, verify the package contains the following parts:

- The Media Converter Chassis x 1
- User's Manual x 1
- Mounting Accessory (for 10/19" Chassis Shelf) x 1
- Rubber Feet x 4
- AC Power Cord x 1

If any of these are missing or damaged, please contact your dealer immediately, if possible, retain the carton including the original packing material, and use them against to repack the product in case there is a need to return it to us for repair.

2. Product Features

- High quality 10" / 19" Rack-Mountable Chassis installation
- Supports up to seven (7) / fifteen (15) hot-swappable media converters
- One fan brings the air-flow for system cooling, and LED indicators for system and fan status (MC-700)
- Two fan brings the air-flow for system cooling, and LED indicators for system and fan status (MC-1500 / 1500R / 1500R48)
- The power slot at rear panel for redundant power support with options of 100~240V AC or -48V DC supplies (MC-1500R / 1500R48)
- Bay power isolation, ensure each bay is electrically isolated from each other
- Support multiple converters with 10/100/1000Mbps, copper, Fiber, single/multi-mode ST/SC/SFP connectors
- Reduce the effort of converter maintenance and management, diagnose the status at one time
- Cost-effective, easy install

3. Media Converter Chassis Front Panel

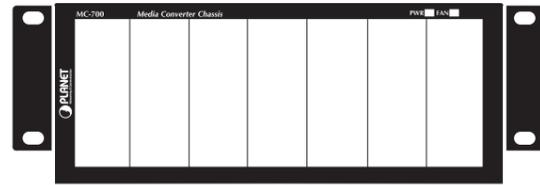Figure 3-1 & 3-2 & 3-3 shows a front panel of MC-700 / MC-1500 / MC-1500R / MC-1500R48.

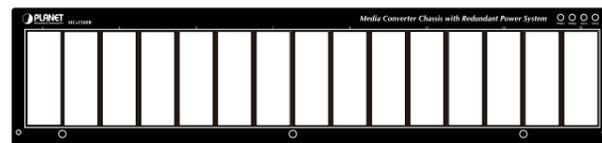**Figure 3-1** MC-700 Front Panel

Figure 3-2 MC-1500 Front Panel

Figure 3-3 MC-1500R / 1500R48 Front Panel

4. LED Indicators

MC-700

Printing	LED Status	Description
PWR	ON	The chassis is powered.
	OFF	The chassis is not powered or power failure, if the AC outlet is with 100~240V AC voltage. Please consult your local dealer if power failure.
FAN	ON	The fan is functional ok.
	OFF	The fan is not powered or it is malfunction. If the fan LED remains off while power is on. Please consult your local dealer to replace the FAN.

MC-1500 Series

Printing	LED Status	Description
PWR	ON	The chassis is powered.
	OFF	The chassis is not powered or power failure.
FAN A / FAN B	ON	The fan is functional O.K.
	OFF	The fan is not powered or it is malfunction. If the fan LED remains off while power is on. Please consult your local dealer to replace the FAN.

5. Media Converter Chassis Rear Panel

Figure 5-1 & 5-2 & 5-3 shows a front panel of MC-700 / MC-1500 / MC-1500R / MC-1500R48.

The rear panel of the MC-700 is with one fan, one ON/OFF Switch and a power inlet that accept 100~240V AC, 50/60Hz power input.
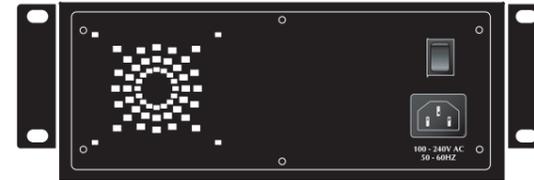

Figure 5-1 MC-700 Rear Panel

The rear panel of the MC-1500 is with two fans, one ON/OFF Switch and a power inlet that accept 100~240V AC, 50/60Hz power input.

Figure 5-2 MC-1500 Rear Panel
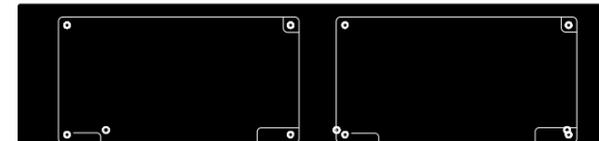
The rear panel of the MC-1500R / 1500R48.

Figure 5-3 MC-1500R / 1500R48 Rear Panel

> **Note**
> 1. The MC-1500R shipped with one 100~240V AC power supply module (MC-15RPS130).
> 2. The MC-1500R48 shipped with one DC -48V power supply module (MC-15RPS48).

> **Power Notice**
> 1. The device is a power-required device, it means, it will not work till it is powered. If your networks should active all the time, please consider use a proper UPS (Uninterrupted Power Supply) for your device. It will prevent you from network data loss or network downtime.
> 2. In some area, installing a surge suppression device may also help to protect your chassis from being damaged by unregulated surge or current to the converter or the power adapter.

6. Installing the Media Converter Chassis

6.1 Installing Media Converter Chassis to 10/19-inch Wiring Closet Rack

» Install four screws through mounting ears into each side.
» Locate Converter Chassis at 10/19-inch mounting rails and screw up the front brackets.
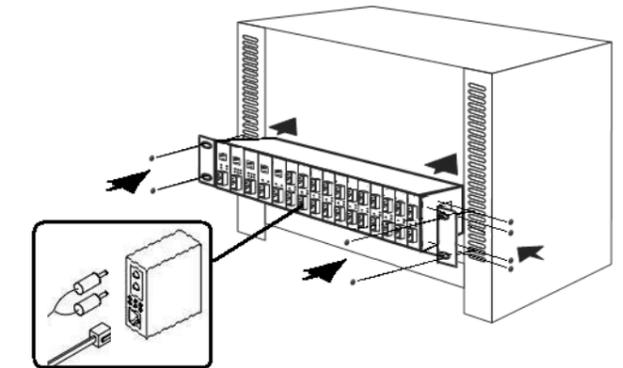» Set Main power switch at **"OFF"** position before connecting the power cord.

Figure 6-1 Installing Media Chassis in Wiring Closet Rails

6.2 Installing Converters to the Media Converter Chassis

» Turn off the Converter Chassis power.
» Verify the Media Converter is right for this Chassis and locate +5VDC power jack on converter back, carefully slide in and plug to match 10"/19" Chassis slot +5V DC receptacle. Push up the picket fence to lock the converters.

> **Note**
> The slide-in Media Converters and Converter Chassis should be supplied only from PLANET, both Media Converters and Chassis are built to match each other at dimensions, DC power jack, and DC receptacle and power safety.

» Ensure that there is no activity in the network.
» Connect the media cable for network connection.
» Turn on the chassis power, the Power LED, and both FAN LED indicators will light up.

6.3 Converter Check Point

Fiber Port	Attach the fiber cable. The Tx, Rx fiber cable must be paired at both ends.	2.5mm DC Receptacle 2.5mm +5V for each slot
TP Port	Attach UTP Cat. 3 or 5 cable to TP port.	DC receptacle is 2.5mm wide that conforms to and matches the Media Converter 2.5mm DC jack's central pole. Do not install any improper unit, model of the Media Converter.

Note	For safety reason, it is recommended storing the AC adapter of the converter in a known secured place. For more about converter, refer to the user guide of the converter.

7. Product Specifications

MC-700 Converter Chassis Specifications

Dimension	217 mm x 88.5 mm x 140 mm (W x H x D), 2U height
Converter Slots	7 slots
Power Input	100~240V AC, 50/60Hz
Power Consumption	40 Watts maximum / 136BTU
Power Output Per Slot	+5V DC
DC Plug Per Slot	2.5 mm DC receptacle
LED Indication	2; Power, FAN
FAN	1
Temperature / Humidity	**Operating Environment** 0~50 Degree C; Humidity: 5~90% non-condensing **Storage Environment** -40~70 Degree C; Humidity: 5~90% non-condensing
Emission	FCC Part 15 Class A, CE

MC-1500 Converter Chassis Specifications

Dimension	440 mm x 103 mm x 180 mm (W x H x D), 2.4U height
Converter Slots	15 slots
Power Input	100~240V AC, 50/60Hz
Power Consumption	70 Watts maximum / 238BTU
Power Output Per Slot	+5V DC
DC Plug Per Slot	2.5 mm DC receptacle
LED Indication	3; Power 1, FAN A, FAN B
FAN	2
Temperature / Humidity	**Operating Environment** 0~50 Degree C; Humidity: 5~90% non-condensing **Storage Environment** -40~70 Degree C; Humidity: 5~90% non-condensing
Emission	FCC Part 15 Class A, CE

MC-1500R / MC-1500R48 Converter Chassis Specifications

Model	MC-1500R	MC-1500R48
Dimension	440 mm x 103 mm x 180 mm (W x H x D), 2.4U height	
Converter Slots	15 slots	
Power Input	100~240V AC, 3.3A, 50-60Hz	DC -48V, 2A, Range: -40V ~ -60V
Power Consumption	10.7 Watts / 36BTU (1 x power supply, not include converters) 88.3 Watts / 301BTU (Full loading)	5.3 Watts / 18BTU (1 x power supply, not include converters) 80 Watts / 272BTU (Full loading)
Power Output Per Slot	Each slot 5V $=$ 1A	
DC Plug Per Slot	2.5 mm DC receptacle	
LED Indication	4; Power 1, Power 2, FAN A, FAN B	
FAN	2	
Temperature / Humidity	**Operating Environment** 0~50 Degree C; Humidity: 5~90% non-condensing **Storage Environment** -40~70 Degree C; Humidity: 5~90% non-condensing	
Emission	FCC Part 15 Class A, CE	

PLANET
Networking & Communication

MC-Series | **Media Converter Chassis**
Multi-Slots for Media Extension

For MC-700/1500/1500R/1500R48

User's Manual

www.planet.com.tw

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Networking & Communication   2010-000005-006

8. Customer Support

Thank you for purchase PLANET products. You can browse our online FAQ resource at the PLANET Web site first to check if it could solve you issue. If you need more support information, please contact PLANET Media Converter support team.

PLANET online FAQ :

http://www.planet.com.tw/en/support/faq.php?type=3

Media Converter support team mail address :

support_converter@planet.com.tw