

# 16 slots Universal Media Converter Center optional for AC / D C power

User's Guide

Version 1.5

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## FCC Warning

The 16 Slots Universal Media Converter Center has been tested and certified as within Class A digital specifications under Part 15 of FCC Rules. These standards are designed to provide reasonable protection from harmful interference when these units are used in a commercial environment. These devices can use, generate and radiate radio frequency energy and may cause harmful interface to radio communications unless installed in accordance with the instructions in this User's Guide. Operation of this device in a residential area is likely to cause harmful interference which will make the user responsible for the appropriate remedial action at his/her expense.

## CE Mark Warning

The 16 Slots Universal Media Converter Center is a Class A product. In some domestic environments it may cause radio interface in which case the user will need to consider adequate preventative measures.

## 1. Introduction

The Media Converter Center, 16 Slots Universal Media Converter Center is designed to accommodate sixteen separate and independent media converters within a rack-mountable rack.

The 16 Slots Universal Media Converter Center is fitted with two hot-swap power supplies and three hot-swap fans for enhanced reliability. This means that if one supply fails, the other is capable of taking over immediately. The other benefit is if power supply or fan fails then it can be replaced with another one without taking back whole 16 Slots Universal Media Converter Center.

Power status is shown on the LED display enabling the user to monitor and respond as necessary. For optimal performance, please ensure that the 16 Slots Universal Media Converter Center is placed in a well-ventilated position, enabling air to circulate above and below the unit.

The 16 Slots Universal Media Converter Center can also be installed in a standard 19-inch site rack; provision has been made for the appropriate connecting brackets.

The Media Converter Center has been designed to house only the proprietary range of media converters. Any other configuration is at the user's own risk.

## 2. Installation (Refer to the back page)

### 2.1 Rack Mounting

The 16 Slots Universal Media Converter Center can be mounted in a standard EIA 19-inch rack. Begin by aligning the mounting brackets along the sides of the unit with the slit over the holes. Secure the screws tightly to fit the brackets to the device before fixing it into the 19-inch rack. Please ensure that the ventilation holes are not obstructed. The step by step procedure is shown next page.

### 2.2 Media Converter

1. Screw upper and lower sliders on media converter.
2. Carefully align the slider and slide way, then press with firm and steady pressure.

### 2.3 Cabling

1. The correct cable specifications and distances will be listed in the media converter documentation.
2. Connect input media cable to the front of media converter.

### 2.4 Powering

1. Connect the female end of the power cord to the MCR.
2. Connect the male end of the power cord to an external AC outlet.
3. The power A, B LED's on the Rack will illuminate when the installation is done correctly.
4. Similarly, the power indicator LED's on the media converter will illuminate when installation is complete and correct.

## 3. Specifications

Slot number  
16 slots

LED  
Power A Activity  
Power B Activity

Redundancy  
2 Hot-swappable redundant Powers

Power  
Slide-in Power Module:  
Input AC 110V or 240V  
Output DC 5V  
Power Consumption:  
Empty Loading: 9.5W

Typical Operation & Storage Temperature  
Operation: 0 ~ 50°C  
Storage Temperature: -20 ~ 60°C  
Humidity: 5% ~ 90% non-condensing

Dimension and Weight  
Size: 440 x 385 x 88 mm (WxDxH)  
Shipping Weight:  
16 Slots Media Converter Center : 8.5KG  
Slide in AC Power Module: 1.1KG

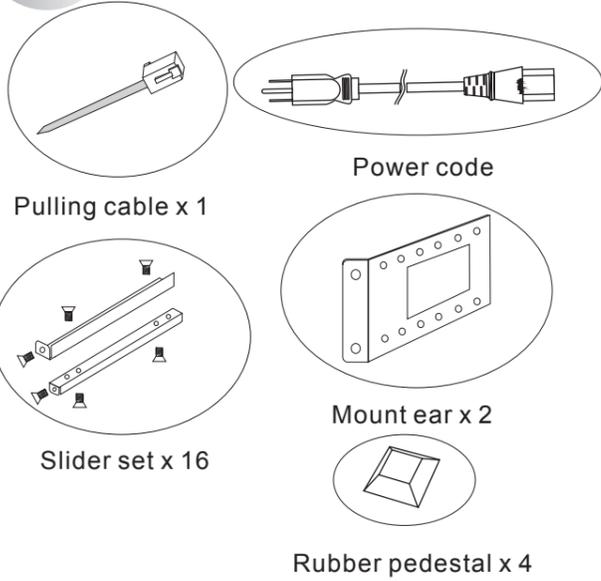
Emission/Safety:  
EMI : FCC Class A, CE  
\* For further reports, please contact us for update.

## Strongly Recommended:

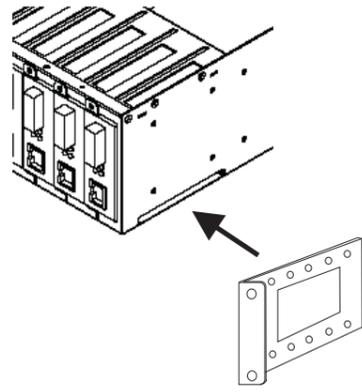
To ensure the best performance of standalone media converters, please keep your environment temperature under 40 degrees Celsius. Or, install two power modules for 16 Slots Universal Media Converter Center.

# INSTALLATION AUXILIARY FIGURES

## 1 Accessories

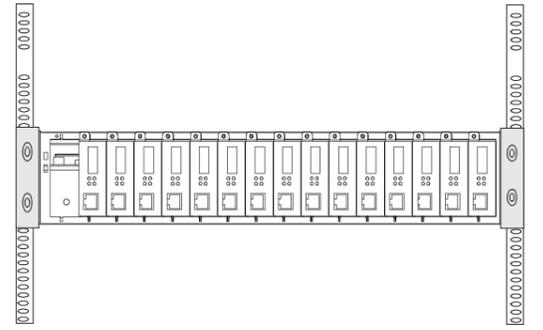


## 2 Mount Ear



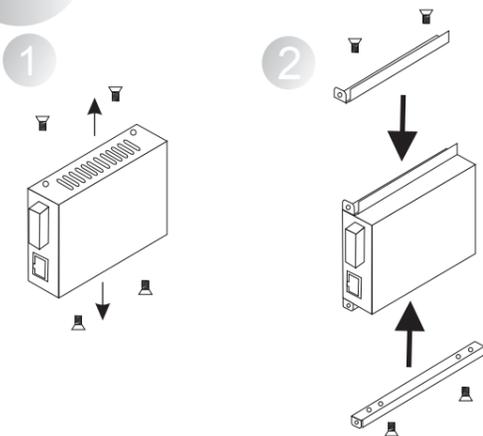
Take screws off to remove mount ear

## 3 Mount Rack



Fasten screws in rack to fix 16 Slots Universal Media Converter Center

## 4 Upper and lower slider of media converter



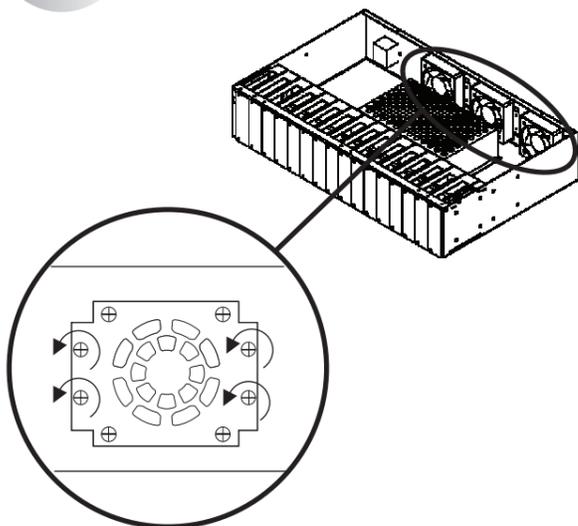
When installing the media converter to the Chassis, please attach two sliders to the media converter first.

1. Take off 4 screws from the media converter.
2. Fasten two sliders with screws in top and bottom location.

Note:

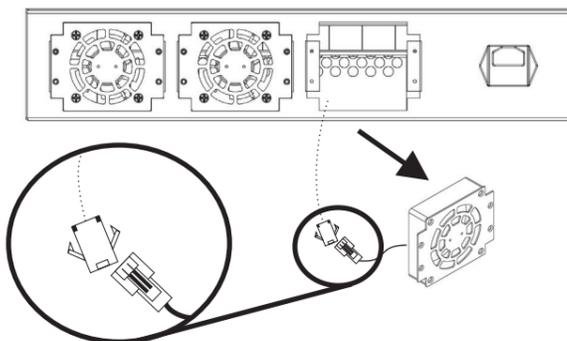
1. For recent media converters, there are 4 reserved screw holes on laterals or sliders.
2. If your media converters are older versions, please unscrew first (Refer to Point 1).
3. If your media converters already have reserved lateral holes, please fasten the sliders directly (Refer to Point 2).

## 7 Top view with fans location



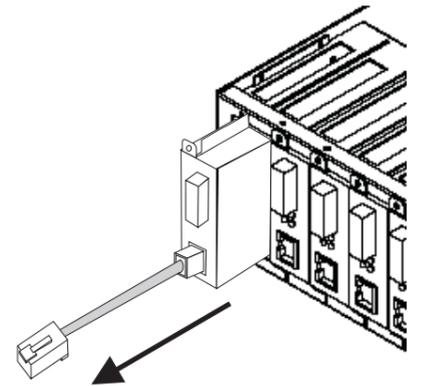
Unfasten four screws for fan replacement.

## 8 Fan Replacement



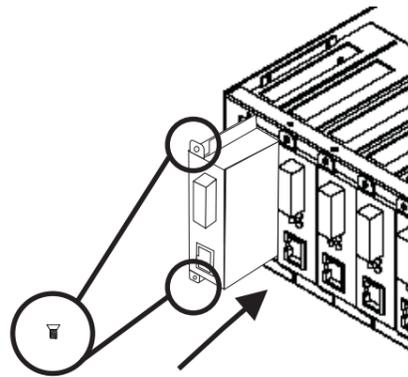
1. Take the fan out from 16 Slots Universal Media Converter Center, then Pull power jacket off.
2. Replace a new fan, then put power jacket back.
3. Push the new fan back to 16 Slots Universal Media Converter Center.
4. Fasten four screws.

## 6 Slide out with pulling cable



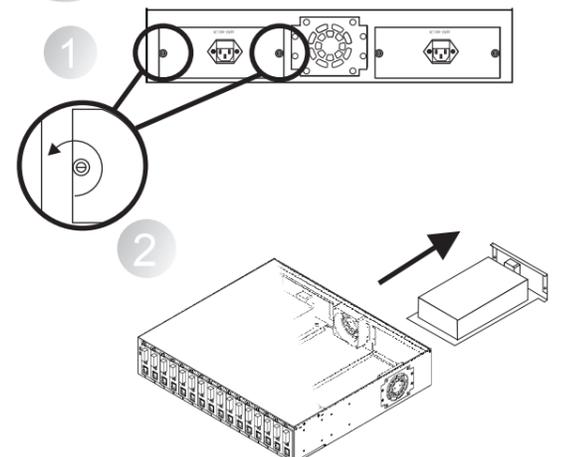
Pull out the media converter with the pulling cable.

## 5 Slide in



Push the media converter into 16 Slots Universal Media Converter Center and fasten screws on the slider of media converter.

## 9 Power Replacement



Remove screws from two sides of power supply then pull power supply out.