

1. Package Content

Thank you for purchasing PLANET 130 Watt 100~240V AC or DC-48V Redundant Power Supply units for MC-1500R / MC-1500R48 and MC-1610MR / MC-1610MR48.

Media Chassis	Redundant Power Supply Unit.
MC-1500R	MC-15RPS130: Redundant Power Supply, 100-240VAC
MC-1500R48	MC-15RPS48: Redundant Power Supply, DC -48V (Range: -40V to -60V DC)
MC-1610MR	MC-RPS130: Redundant Power Supply, 100-240VAC
MC-1610MR48	MC-RPS48: Redundant Power Supply, DC -48V (Range: -40V to -60V DC)

Upon open the box of the Redundant Power Supply unit and carefully unpack it. The box should contain the following items:

- The Redundant Power Supply unit x 1
- This User's Manual x 1

If any item is found missing or damaged, please contact your local reseller for replacement.

- 1 -

To install a redundant power supply unit to Media Chassis, please fasten the hand screw clockwise and slide in the redundant power supply unit to the Media Chassis.

To remove a redundant power supply unit out the Media Chassis, please loose the hand screw counter clockwise and pull out the redundant power supply unit from the Media Chassis.



Figure 2. Install and remove the redundant power supply unit

- 3 -

2. Install and remove the redundant power supply unit

Before installation, please be sure to read this user's manual carefully to complete machine installation. This manual shows how to quick install and remove the four powers from Media Chassis, unless model name specified terms "redundant power" will be used for these four models.



Note

In the installation steps below, this manual use MC-RPS130 to install and remove in MC-1610MR as the example. However, the steps for MC-15RPS130, MC-15RPS48 & MC-RPS48 are the same.

The Media Chassis equip with one 100~240V AC power supply unit or equip with one DC -48V power supply unit on its standard package, Media Chassis provide one spare power supply unit slot for option redundant power supply unit installation. A redundant power supply unit is also provided to enhance the reliability with options of either 100~240V AC power supply unit or DC -48V power supply unit.



Figure 1. Rear panel of MC-1610MR

- 2 -

3. Wiring the power inputs of DC -48V

When install the DC -48V redundant power supply unit into the Media Chassis, please follow below steps to insert the DC power wire.



Note

In the installation steps below, this manual use wire cable to install MC-RPS48 as the example. However, the steps for MC-15RPS48 are the same.

1. Insert the negative wire (**Black**) into the "FG" connector and tighten the wire-clamp for prevent the DC wire to loose.
2. Insert the positive wire (**Red**) into the "-48V DC" connector and tighten the wire-clamp for prevent the DC wire to loose.

- 4 -

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MC-15RPS130
MC-15RPS48
MC-RPS130
MC-RPS48

Redundant Power Supply

Effective Non-stop Power Backup Solution



For MC-1500R Series/MC-1610MR Series

User's Manual



Figure 3. Power input Wiring of 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 using 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 Redundant Power Supply unit from being damaged by unregulated surge or current to the Redundant Power Supply unit.