

DYNAMIX RM-14/2AC Media converter Rack Mount

User Manual

I. Introduction

The rack mount is a communication-level product specially designed and developed as the supportive equipment for communication optical network projects. It can be used in the working environment with high reliability, high capacity, high integration and high performance and features its stable performance, large power-supplying capacity, easy operation and convenient maintenance and so on. Before use, users shall read this User's Manual thoroughly and operate the rack mount as per the installation procedures so as to avoid the damage to the machine.

II. Parts list

While unpacking, please have a check according to list below:

Descriptions	Quantity
Dynamix RM-14/2AC Media Converter Rack mount	1 unit
Power cord (for power of 220V) or power connector (for power of -48V)	2 pieces
Front baffle	1 pieces
Fixation strip	14 pieces
Knob Screw	6 pieces
User's Manual	1 copy

III. Summarize of the system

Dynamix RM-14/2AC Rack mount is the central equipment for optical fiber transceiver. One rack can centralized

encase 14 number of 10/100M multi-module or single-module fiber optic media converter {such as Dynamix -20km 10/100WDM(A/B), Dynamix -40km 10/100WDM(A/B), Dynamix -60km 10/100WDM(A/B) }, and centralized power supply. The design reduces the wiring and simplifies the structure, also convenient for management and maintenance.

The Dynamix RM-14/2AC rack mount is compatible with heat insert and pull out optional single power module and dual power module. Two power module should be power supply at the same time with adopt dual power module which can reduce the load of each power module. When one channel has fault, the other one can supply the power independently to make the media converter's working can't be interrupted.

To maintenance and replacement the power module, you shouldn't pull out the fiber optic media converter, and shouldn't take down the rack mount, only need to pull out the unworkable power module to repair or updating, make the maintenance convenience and shortcut afford high dependability for network system.

High efficiency, easy operation, easy maintenance and economic applied to optical fiber hub resolve project.

IV. Installation

1. To install the rack mount into the standard cabinet, you should insert the rack mount Dynamix RM-14/2AC. External power fiber optic media converter, take out the crust fixation screw from power receptacle's beside then fixate the screw on fiber optic media converter's profile use the small fixation strip by rack mount configure next put fiber optic media converter with strap fixation strip insert to rack mount, find the aligning to DC power plugs pin, fix up fixation screw to rack mount by screw down before striped media converter's plug well last ward off the fiber optic media converter's hollow groove by front board.

2. Plug one end of the power cord into the port for power at the back of the rack mount, and connect another end to the power of AC 220V (-48 V type shall be connected to the -48V DC power).

3. Turn on the power switch at the back of the rack mount (dual power supply's two switches should be turned on). Then the power indicator will be on, which means the power for this rack mount is normal and the rack mount begins to work.

4. Check the power indicator of the fiber optic media converter inserted into the rack mount. If the indicator is on, it means the power supply for the rack mount is normal. Otherwise, you should check to see if the DC plug for the fiber optic media converter is properly inserted, and if the power supply for the rack mount is normal.

5. Operate the system as per the operation instructions stipulated for the modules of fiber optic media converter.

V. Technical Parameters

Grooves: 14

Power input: AC 100-250V, 50-60HZ

DC output: DC+5V

Ripple: <20mm

Noise: <50mm

Power protection: over-voltage protection,
over-current protection

Working temperature: 0-50°C

Storage temperature: -20°C-65°C

Relative humidity: 5%-95%

Outer dimensions: 485*245*90mm (L*W*H),
19 inches 2U high

Media Converter Rack Mount DYNAMIX RM-14/2AC

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