

QUICK START GUIDE

Power tray for 8 DP 2.1 optical extenders

Ref. PR-AV-8



ANALOG WAY®
Pioneer in Analog, Leader in Digital

Thank you for choosing the **PR-AV-8**. By following these simple steps, you will be able to set up and use your power tray within minutes.

WHAT'S IN THE BOX

- 1 x **PR-AV-8** main unit
- 2 x Power supply cords
- 8 x Optic fiber cables (OM4 1Ch SC 220mm)
- 8 x Power connection cables for EXT-DP21-OPT optical extenders
- 8 x Side holder guide brackets
- 8 x Flat head screws 3x5
- 8 x Washer nickel screws 3x6
- 16 x Round head screws 2x10

**Quick start guide is also available on www.analogway.com*

OVERVIEW

The **PR-AV-8** power tray is a 2RU size enclosure accessory that can hold up to 8 DisplayPort 2.1 optical transmitters and/or receivers (**EXT-DP21-OPT**). The optical extenders mounted on the PR-AV-8 power tray are reliably powered by two integrated redundant AC/DC power supplies.

SAFETY INSTRUCTIONS

Read and keep these instructions before installing or operating the product.

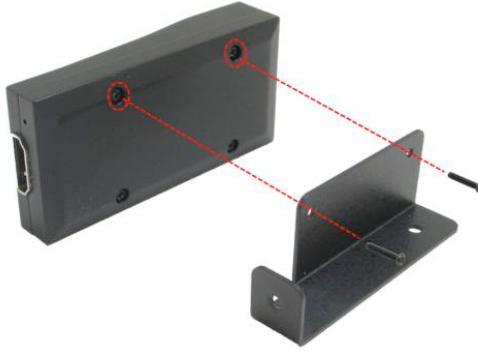
- Install the product securely in a standard 19-inch equipment rack.
- Use only the specified **100-240 VAC, 50-60 Hz** power supply and approved power cords.
- The product is equipped with two load-sharing redundant power supplies. For maximum redundancy, connect the two AC inputs to independent power sources whenever possible.
- Ensure that the AC outlets remain readily accessible. **Disconnect both power cords to completely remove power from the unit.**
- Disconnect both AC power inputs before installation, maintenance, or servicing.
- Do not disassemble, modify, or attempt to repair the product. Refer servicing to qualified personnel.
- Do not expose the product to rain, moisture, dripping or splashing liquids, excessive dust, or excessive heat.
- Do not obstruct ventilation openings. Ensure sufficient airflow around the product, especially when installed in a rack.
- Use only modules, cables, power cords, and accessories specified or approved by **Analog Way**.
- Route power, signal, and optical cables carefully to prevent damage, excessive bending, or accidental disconnection.
- Immediately disconnect both AC power inputs if the product, power cord, or connector is damaged, or if abnormal heat, odor, or smoke is detected. Refer servicing to qualified personnel.

ASSEMBLY STEPS OF THE EXT-DP21-OPT EXTENDERS

The following assembly guide is for help the correct installation of the **EXT-DP21-OPT** extenders to the Power Tray step by step.

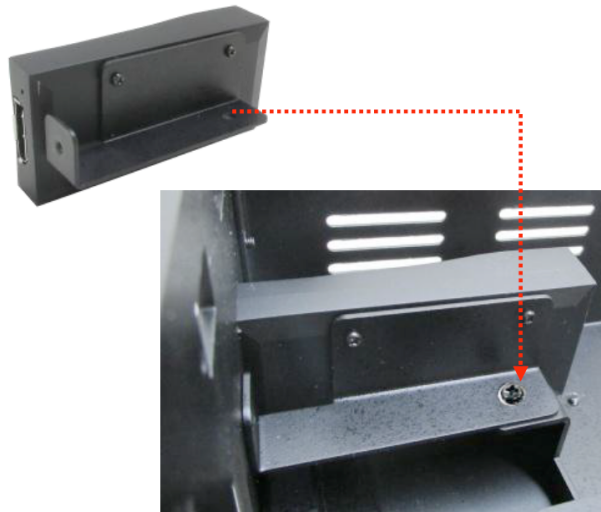
STEP 1

Remove the screw inside the red circle and fasten the enclosed side holder with 2x10mm screws.



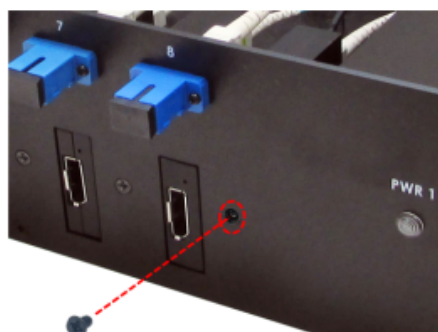
STEP 2

Install the assembled side holder assembly onto the PR-AV-8 main unit with WH 3x6mm screw.



STEP 3

Secure the side holder guide bracket by fastening the flat head 3x5 screw into the front case hole.



STEP 4

Connected the fiber optic cable and DC power jack.



STEP 5

Connect the two AC power cords to the AC inlets of the **PR-AV-8** chassis. The **PR-AV-8** is equipped with dual load-sharing power supplies to ensure stable and uninterrupted system operation. It is highly recommended to connect AC IN1 and AC IN2 to separate power sources to minimize the risk of system downtime in the event of a power source failure.

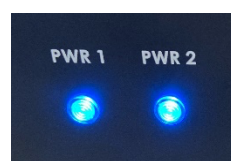
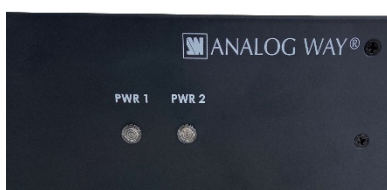
STEP 6

Turn on PS1 and PS2.

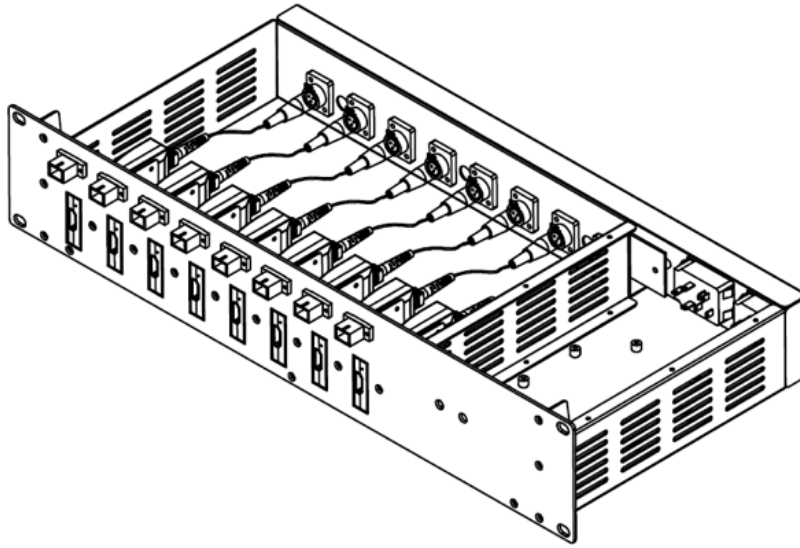


STEP 7

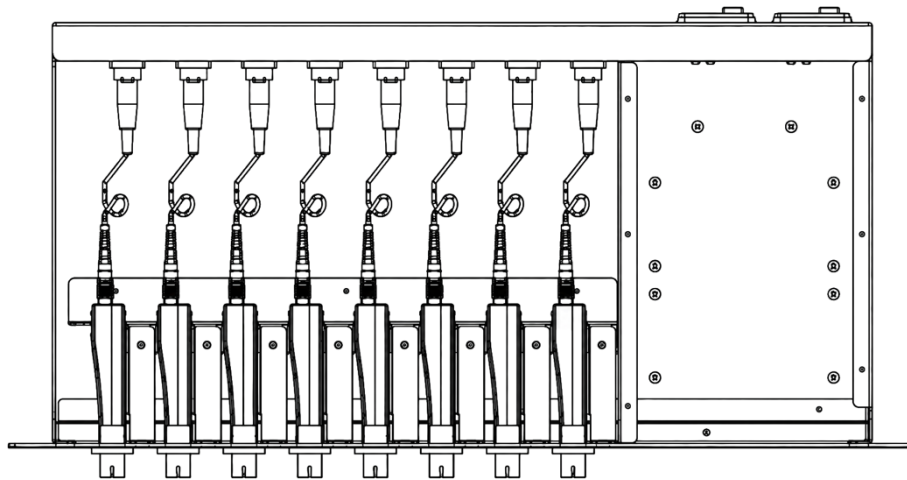
Check that the LEDs for both power supplies change to blue.



SIDE VIEW



TOP VIEW



WARRANTY AND SERVICE

This **Analog Way** product has a 1-year warranty on parts and labor (back to factory). Broken connectors are not covered by warranty. This warranty does not include faults resulting from user negligence, special modifications, electrical surges, abuse (drop/crush), and/or other unusual damage. In the unlikely event of a malfunction, please contact your local **Analog Way** office for service.

FURTHER INFORMATION

Please visit our website for further information: www.analogway.com.

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