

Middle Atlantic MPR-9A

Middle Atlantic MPR-9A Modular Power Raceway Instruction Manual

Model: MPR-9A

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Middle Atlantic MPR-9A Modular Power Raceway. Please read this manual thoroughly before installation and retain it for future reference. The MPR-9A is designed to provide efficient and organized power distribution within various professional audio/video and IT environments.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury or damage to the equipment:

- Installation should only be performed by qualified personnel in accordance with all local and national electrical codes.
- Ensure the power raceway is properly grounded before connecting any electrical devices.
- Do not exceed the maximum current rating of the raceway or any connected modules.
- Avoid exposing the unit to moisture or extreme temperatures.
- Disconnect power before performing any maintenance or installation procedures.

3. PRODUCT OVERVIEW

The Middle Atlantic MPR-9A is an 80-inch modular power raceway designed for flexible power distribution. It is capable of accepting eight 8-inch power modules when utilizing its integral J-box, or nine 8-inch power modules if an optional external J-box is employed. This design allows for customizable power configurations to suit specific installation requirements.



Figure 1: The Middle Atlantic MPR-9A Modular Power Raceway, a long, black, rectangular unit designed for power distribution, viewed from an angle. The unit features a channel for modules and an end cap with connection points.

4. SETUP AND INSTALLATION

4.1 Mounting the Raceway

The MPR-9A can be mounted in various configurations, including rack-mounted, wall-mounted, or surface-mounted. Ensure the mounting surface is stable and capable of supporting the weight of the raceway and all connected modules and cables.

1. Identify the desired mounting location and mark the drilling points for the mounting hardware (not included).
2. Securely attach the raceway using appropriate screws or bolts.
3. Ensure the raceway is level and firmly fixed to prevent movement.

4.2 Connecting Power

Connect the main power input to the raceway's integral J-box. If using an optional external J-box, follow its specific installation instructions for power connection. Verify all connections are secure and meet electrical code requirements.

4.3 Installing Power Modules

The MPR-9A is designed to accept 8-inch power modules. Carefully slide the modules into the raceway channel until they click into place. Ensure proper alignment and secure seating of each module.

- For integral J-box configurations, up to eight 8-inch modules can be installed.
- For optional external J-box configurations, up to nine 8-inch modules can be installed.

5. OPERATION

Once the MPR-9A is installed and power modules are in place, connect your equipment's power cords to the outlets on the installed modules. The raceway provides a centralized and organized power distribution point for your devices.

- Ensure all connected devices are compatible with the power specifications of the installed modules.
- Avoid overloading individual modules or the entire raceway.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable operation of your MPR-9A power raceway.

- **Cleaning:** Periodically clean the exterior of the raceway with a soft, dry cloth. Do not use liquid cleaners or solvents. Ensure power is disconnected before cleaning.
- **Inspection:** Annually inspect the raceway and all connected modules for any signs of damage, loose connections, or wear. Address any issues promptly.
- **Module Replacement:** If a power module becomes faulty, disconnect power to the raceway, carefully remove the faulty module, and replace it with a new, compatible module.

7. TROUBLESHOOTING

If you encounter issues with your MPR-9A, refer to the following troubleshooting steps:

- **No Power to Devices:**
 - Check the main power connection to the raceway.
 - Verify that the circuit breaker or fuse supplying power to the raceway has not tripped.
 - Ensure power modules are correctly seated in the raceway.
- **Individual Module Not Working:**
 - Try reseating the module.
 - Test the module in a different slot or replace it with a known working module to isolate the issue.
- **Overheating:**
 - Ensure adequate ventilation around the raceway.
 - Verify that the total load connected to the raceway does not exceed its rated capacity.

If problems persist after following these steps, contact Middle Atlantic customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	MPR-9A
Brand	Middle Atlantic
Length	80 inches
Module Capacity (Integral J-box)	8 x 8-inch modules
Module Capacity (Optional External J-box)	9 x 8-inch modules
Item Weight	12.8 pounds
ASIN	B00RLA0PCU
Date First Available	September 13, 2017

Feature	Specification
Manufacturer	Middle Atlantic Products

9. WARRANTY AND SUPPORT





Middle Atlantic Products warrants its products to be free from defects in material or workmanship. Specific warranty terms and conditions may vary. Please refer to the official Middle Atlantic Products website or your purchase documentation for detailed warranty information.

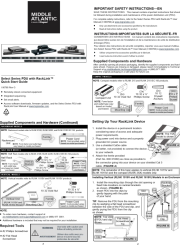

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact Middle Atlantic Products customer support through their official website or the contact information provided with your product purchase.

For more information, visit: www.middleatlantic.com

Related Documents - MPR-9A

	<p>Middle Atlantic NEXSYS UPS RackLink Network Card Quick Start Guide</p> <p>Quick start guide for the Middle Atlantic NEXSYS UPS RackLink Network Card (Model 100-00073 RevA), detailing installation, feature set, network access, and configuration for UPS systems.</p>
	<p>Middle Atlantic NEXSYS UPS Communication Protocol User Manual</p> <p>This user manual details the communication protocol for Middle Atlantic NEXSYS UPS systems, covering TCP/IP and SSH interfaces, command structures, control commands, and status read commands for remote management and monitoring.</p>
	<p>Middle Atlantic Select Series PDU with RackLink User Manual</p> <p>Comprehensive user manual for the Middle Atlantic Select Series PDU with RackLink, detailing installation, configuration, and operation. Includes safety instructions, feature sets for various models, and troubleshooting.</p>
	<p>Middle Atlantic NEXSYS Series Rackmount PDU User Manual (Model 100-00060)</p> <p>Comprehensive user manual for the Middle Atlantic NEXSYS Series Rackmount PDU, covering installation, features, specifications, and warranty for models PDX-915R, PDX-920R, PDX-915R-SP, and PDX-920R-SP.</p>

 The image shows the cover of a technical guide for the Middle Atlantic Select Series PDU with RackLink. It features the Middle Atlantic logo at the top left, followed by the title 'MIDDLE ATLANTIC SELECT SERIES PDU WITH RACKLINK QUICK START GUIDE'. Below the title, there are several sections with icons and text, including 'Key Features', 'Components', 'Installation', and 'Troubleshooting'. The cover is predominantly white with black text and some blue accents.	<p>Middle Atlantic Select Series PDU with RackLink Quick Start Guide</p> <p>A concise guide to installing and setting up the Middle Atlantic Select Series PDU with RackLink, covering features, components, network configuration, and troubleshooting.</p>
 The image shows the cover of a technical guide for the ASD LED Edge Lit Panel. It features the ASD logo at the top left, followed by the title 'LED EDGE LIT PANEL'. Below the title, there are several sections with icons and text, including 'Key Features', 'Components', 'Installation', and 'Troubleshooting'. The cover is predominantly white with black text and some green accents.	<p>ASD LED Edge Lit Panel: Sleek, Color-Selectable, and Energy-Efficient Lighting</p> <p>Discover the ASD LED Edge Lit Panel, offering a slim profile, 110° beam angle, and smooth dimming. Available in various sizes, finishes, and color temperatures (2700K-5000K). Features include high efficiency (100 Lm/W), 50,000-hour lifespan, ETL certification, and optional motion sensor or battery backup. Ideal for residential and commercial spaces, suitable for damp/wet locations.</p>