

ADJ PC-100A

ADJ PC-100A 19-Inch Rack Power Distribution Center

Model: PC-100A | Brand: ADJ

INTRODUCTION

The ADJ PC-100A is a 19-inch rack-mountable A/C power distribution center designed for managing power to various audio, lighting, and stage equipment. It features eight 120V, 3-prong outlets on the rear, each controlled by an individual lighted on/off switch on the front panel. For safety, the unit includes a 15A resettable circuit breaker.

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your PC-100A unit. Please read these instructions thoroughly before use.



Figure 1: Front view of the ADJ PC-100A unit, showing the eight individual lighted power switches and the model number.

SETUP

1. Unpacking and Inspection

- Carefully remove the PC-100A from its packaging.
- Inspect the unit for any signs of damage that may have occurred during shipping. If damage is found, contact your dealer immediately.
- Ensure all components are present: PC-100A unit and integrated power cord.

2. Mounting

The PC-100A is designed for standard 19-inch rack mounting. Secure the unit into a rack using appropriate rack screws (not included). Ensure adequate ventilation around the unit to prevent overheating.

3. Electrical Connections

Before connecting any equipment, ensure all switches on the front panel of the PC-100A are in the "OFF" (down) position.

1. Connect the integrated 6-foot power cord of the PC-100A to a grounded 120V AC, 60Hz power outlet. Ensure the power source can handle the maximum load of 15 Amps (1800 Watts).
2. Connect your equipment (e.g., lighting fixtures, audio devices) to the eight 3-prong outlets located on the rear panel of the PC-100A.
3. Do not exceed the maximum total load of 15 Amps or 1800 Watts for all connected devices combined. Overloading the unit will trip the circuit breaker.



Figure 2: Rear panel of the ADJ PC-100A, illustrating the eight 120V, 3-prong output sockets and the main power input.



Figure 3: Detailed view of the rear output sockets, indicating individual channel ratings and proper connection points.

OPERATION

1. Powering Equipment On/Off

Each of the eight outlets on the rear panel is controlled by a corresponding lighted switch on the front panel. To supply power to a connected device, flip its respective switch to the "ON" (up) position. The switch will illuminate red when power is active. To cut power, flip the switch to the "OFF" (down) position.



Figure 4: Close-up of the front panel switches, demonstrating their illuminated state when active.

2. Circuit Breaker

The PC-100A is equipped with a 15-Amp resettable circuit breaker located on the front panel. This breaker protects the unit and connected equipment from overcurrent conditions. If the total current draw exceeds 15 Amps, the circuit breaker will trip, cutting power to all outlets.

To reset the circuit breaker:

1. Disconnect some of the connected equipment to reduce the load.
2. Press the circuit breaker button firmly to reset it.
3. If the breaker trips repeatedly, investigate the connected equipment for faults or reduce the total load.

MAINTENANCE

1. Cleaning

To clean the unit, use a soft, dry cloth. Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish and internal components. Ensure the unit is unplugged from the main power source before cleaning.

2. General Care

- Regularly check the power cord and all connected cables for any signs of damage (fraying, cuts). Replace damaged cables immediately.
- Ensure the unit is operated in a dry environment, away from moisture and extreme temperatures.
- There are no user-serviceable parts inside the PC-100A. Do not attempt to open or repair the unit yourself. Refer all servicing to qualified service personnel.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to any outlets.	Unit unplugged; main power outlet off; circuit breaker tripped.	Ensure power cord is securely plugged in. Check wall outlet power. Reset the circuit breaker on the front panel.
One outlet has no power.	Individual switch is off; connected device is faulty.	Ensure the corresponding front panel switch is in the "ON" position. Test the connected device with another power source.
Circuit breaker trips repeatedly.	Overload (total current draw exceeds 15 Amps); short circuit in connected equipment.	Reduce the total number or power consumption of connected devices. Disconnect all devices and test them individually to identify a faulty unit.

SPECIFICATIONS

Feature	Specification
Model	PC-100A
Input Voltage	120V AC, 60Hz
Output Outlets	8 x 3-prong, 120V AC
Maximum Load	15 Amps / 1800 Watts (Total)
Circuit Breaker	15 Amp, resettable
Switches	8 x Lighted On/Off
Mounting Type	19-inch Rack Mount
Dimensions (L x W x H)	19" x 2" x 19" (Length x Width x Height)
Material	Polycarbonate (PC)
Color	Black
Compliance	FCC
UPC	193802177909

WARRANTY AND SUPPORT

For detailed warranty information, technical support, or service inquiries regarding your ADJ PC-100A, please refer to the official ADJ website or contact ADJ customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Official ADJ Website: www.adj.com

