

MP-8PC

8 Ports Power Controller w/ Sensors



PRODUCT OVERVIEW

The MP-8PC is an 8-port power controller designed for power switching, measurement and monitoring. It accepts AC 110–250V input up to 16A and provides eight individually controlled IEC C13 outputs rated up to 10A per port. The unit supports local buttons, RS-232 and TCP/IP/Web-GUI control, with two network ports and external environmental sensor connectivity.

KEY FEATURES

- 8 independently controlled power output ports.
- Monitors voltage, current and power consumption.
- 2× TCP/IP network ports for continuous network service.
- Overload protection, wiring-error protection and remote login verification.
- Supports multiple network and IoT protocols.
- Control via front-panel buttons, RS-232 and Web-GUI.
- Supports external sensors for environmental monitoring.

ELECTRICAL & CONTROL SPECIFICATIONS

Input Voltage	AC 110–250V
Input Frequency	50/60Hz
Maximum Input Current	16A
Input Connector	1× IEC C20
Output Voltage	AC 110–250V
Output Frequency	50/60Hz
Maximum Output Current	10A per port
Output Connectors	8× IEC C13
Control Modes	Buttons, TCP/IP, RS-232
Control Connectors	8× white buttons, 2× RJ45, 1× 3-pin Phoenix terminal

GENERAL SPECIFICATIONS

Voltage Range	110–250V
Current Range	0–16A
Frequency Range	45–65Hz
Power Factor	0–1
Operating Temperature	–5°C to +55°C
Storage Temperature	–20°C to +70°C
Relative Humidity	0%–80%
Standby Power Consumption	1.73W
Dimensions (W × H × D)	436.4 × 44 × 225mm
Net Weight	2.75kg

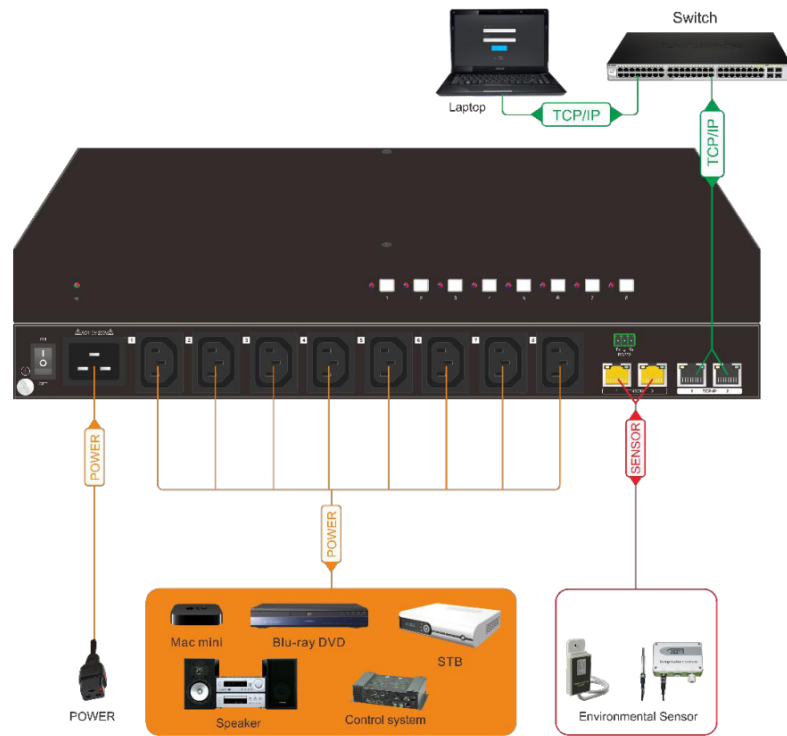
PANEL & CONNECTIVITY

Front Panel	1× green/red power indicator; 8× blue/red output indicators; 8× white output-control buttons.
Rear Panel	1× screw GND terminal; 1× rocker power switch; 1× IEC C20 input; 8× IEC C13 outputs.
RS-232	1× 3-pin Phoenix terminal for RS-232 control.
Sensors	2× yellow RJ45 ports for external environmental sensors.
TCP/IP	2× RJ45 ports for network service and Web-GUI.

OUTPUT INDICATOR STATUS

LED Off	Power output stopped
Blue On	Power output active
Blue Flash	Delayed state before power output
Red On	Overload
Red Flash	Third-party device detection; turns blue when detected, otherwise flashes for 10 seconds then turns blue

SYSTEM CONNECTION



The manual's system diagram shows the MP-8PC connected to a laptop/network switch over TCP/IP, with multiple AV/control devices connected to its power outputs and external environmental sensors connected through the dedicated sensor interface.

WEB-GUI / NETWORK

Network	TCP/IP with DHCP enabled by default
TCP/IP 1 Default	192.168.0.178
TCP/IP 2 Default	169.254.2.225
Web-GUI	Browser-based remote configuration and monitoring

PACKAGE CONTENTS

- 1× MP-8PC
- 1× RS-232 cable
- 1× Power cable (AU/EU/UK/US)
- 2× Mounting ears + 6× screws
- 4× Rubber feet
- 1× User manual