

MERIT SERIES POWER CONDITIONER

Merit M-8S Power Conditioner is the perfect low-cost AC power solution for any rack mount system. Install an M-8S in to the top slot of your rack, and the eight switched outlets in the rear panel will power up and protect all your equipment up to a 15-amp load.

Merit M-8S Power Conditioner



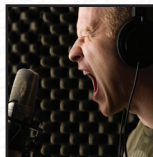
THE SOLUTION TO POWER YOUR APPLICATION...

INSTRUMENT RIGS



You've got a rack for your effects, preamps, tuner...You're going to plug that into the wall? One big spike and your rig is up in smoke. Furman's standard level surge/spike protection defends your gear from the spikes and surges that are so common at gigs and practice spots. With Furman's standard level RFI/EMI filtration, you'll get a quieter tone without pops, crackles, and the local radio station coming out of your amp.

RECORDING



Can't track down where that noise is coming from? Your mix sounding flat? With Furman's standard level RFI/EMI filtration you'll lower the noise floor caused by the dirty AC power coming into your console or DAW. Furman's standard level surge and spike protection keeps your sensitive digital equipment from acting funny or burning up due to everyday spikes and surges. With a 15A capacity and nine total outlets, it's enough to power your whole home studio.

DJ EQUIPMENT



Bars, clubs and other event venues have some of the worst power out there - from air compressors turning on and off to light shows pulling current loads up and down, the AC power can be a strain on the circuits in your rig. Furman's standard level protection and filtration keeps the bad stuff out.

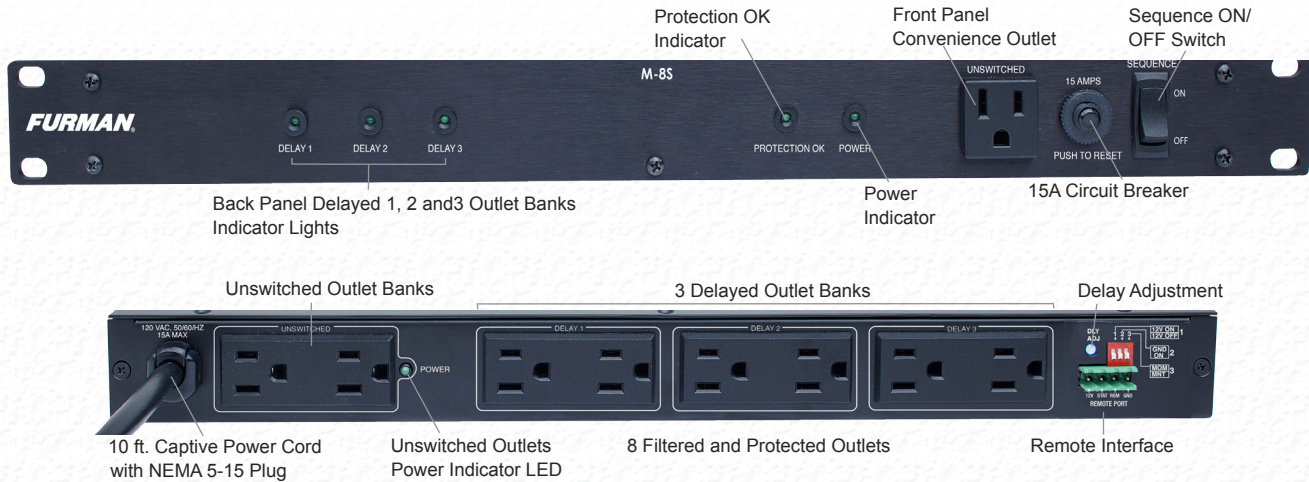
PRO AUDIO



When you're out there gigging, you never know what kind of power you're going to get. The wear and tear on mobile rigs eventually takes its toll - that's why it's smart to plug into Furman's standard level protection and RFI/EMI filtration. It keeps your equipment safe and sounding clean. Whether you're setting up a show at the local club or powering up the church band for their next service, make sure you give them power they can trust.

FURMAN

FRONT and BACK PANEL FEATURES



SPECIFICATIONS

Maximum AC Current Rating:

- 15 Amps, 120 VAC (Thermal breaker)
- AC Cord: 14AWGx3, 10 feet, black, fixed, NEMA 5-15P plug

AC Receptacles:

- Convenience Outlet (Front Panel)
1 Un-switched NEMA 15-5R
- Rear Panel Outlets: 2 Un-switched NEMA 5-15R (1 duplex),
• 6 Sequenced NEMA 5-15R (3 duplexes, each controlled by separate relay)

Surge Protection:

- AC Surge Protection: Merit Class (sacrificial)
- Spike Protection Mode: Line to neutral, zero ground leakage
- Max Continuous Operating Voltage: 130V RMS
- Max Clamp Voltage: 500 Volts Peak
- Peak Impulse Current: 12,000 Amps
- Energy Rating (2 X 820µS): 225 Joules

AC Filtering:

- Pi LCR Filter
- Noise Attenuation: >26dB, 100 Khz to 1 MHz

Operating Temperature Range:

- 5C (40F) to 40C (105F) degrees

Humidity Range:

- <90% rH (Relative Humidity)

User Interface:

- Rocker Switch: Front panel, Sequence (ON, OFF)
- Thermal Circuit Breaker: Front panel, push to reset
- Front panel indicators Delay 1, Delay 2, Delay 3, Power, Protection OK

Control/Status/Triggering (Rear Panel):

- Rear Panel DIP Switches: 12V Mode On/Off, GND Mode On, Momentary/Maintained
- Potentiometer: Rear panel, time calibration fine tune delay adjust
- Remote Terminal: +5-30VDC In, 12VDC (12mA) Out
- Remote Terminal: Phoenix type 4-Pin Connector with Screw terminals; +12V, STAT, REM, GND (Class 2 Wiring)

Size: 1.75" X 19.00" X 6.5" (HWD) – ANSI 1RU

Mass: 5.3 lbs.

Power Consumption (No Load): • 5 Watts

Safety Agency:

- C/CSA/US



Specifications are subject to change without notice due to design improvements and upgrades.

WEIGHTS, DIMENSIONS AND UPC CODES

MODEL	PRODUCT DIMENSIONS	WEIGHT	CARTON DIMENSIONS	WEIGHT	SINGLE UNIT UPC	MASTER PACK QTY	MASTER PACK UPC
M-8S	8.75"D x 19"W x 1.75"H	6.5 lbs	9.25"D x 22"W x 3.5"H	8 lbs	654061041078	6	50654061041073

FURMAN www.furmansound.com

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