

# MERIT X SERIES POWER CONDITIONERS

A Merit Series Power Conditioner is the perfect low-cost AC power solution for any rack mount system. Install an M-8x, M-8Lx, or M-8Dx 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. The M-8Lx and M-8Dx feature two slide out, swiveling light fixtures to provide discreet illumination of your equipment on stages, in studios, and in other dark places. A dimmer knob lets you adjust the lamp brightness to just the right level. The M-8Dx adds a bright red, three-digit LED voltmeter that displays incoming voltage. The M-8x is designed for applications where lights are not required.

## Merit M-8x Power Conditioner



Noise Filtration



Surge Protection



Nine Total Outlets



15 Amp Rating



"Protection OK" Indicator



Wall Wart Spacing

## Merit M-8Lx Power Conditioner



Noise Filtration



Surge Protection



Nine Total Outlets



15 Amp Rating



"Protection OK" Indicator



Wall Wart Spacing



Front Panel Pull-out Lights

## Merit M-8Dx Power Conditioner



Noise Filtration



Surge Protection



Nine Total Outlets



15 Amp Rating



"Protection OK" Indicator



Wall Wart Spacing



Front Panel Pull-out Lights



Digital Voltmeter

# FURMAN

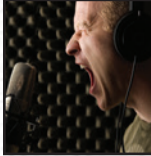
# THE SOLUTION TO POWER YOUR APPLICATION...

## 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. Plus, dual pull-out lamps (M-8Lx/M-8Dx) let you see your rack without turning the house lights on, while the digital voltmeter (M-8Dx) lets you monitor incoming voltage.

## 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. You can even monitor voltage changes, as the digital meter (M-8Dx) allows you to keep an eye on the incoming line voltage. 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 and the digital voltmeter (M-8Dx) lets you monitor the incoming line voltage. The dual pull-out front panel lights (M-8Lx/M-8Dx) let you discreetly see your board and gear without distracting from the show on the dance floor.

## 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 it 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, while the digital voltmeter (M-8Dx) lets you monitor incoming voltage. 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.



## MERIT X SERIES SPECIFICATIONS

**Maximum Output Current**  
15 Amps

**Line Cords**  
6 ft. captive, 14 AWG, with 3-conductor Edison Plug

**Lamps (M-8Lx/M-8Dx)**  
Two 120V incandescent bulbs, 4 watts each

**Operating Voltage**  
120VAC 60Hz

**Spike Protection Mode**  
Line to neutral

**Energy Dissipation**  
170 Joules

**Peak Impulse Current**  
12,000 Amps

**Maximum Continuous Operating Voltage**  
130 VAC RMS

**Let Through Voltage (@ 125 Amps, 8/20uS waveform)**  
400 Volts

**Noise Attenuation (Transverse Mode)**  
+ 23dB (M-8x) 26 dB (M-8Lx/M-8Dx), 200Khz to 10 Mhz

**Dimensions**  
1.75" H x 19" W x 7.5" D

**Weight**  
M-8x: 4.9 lbs. (2.2 kg)  
M-8Lx: 5.5 lbs. (2.5 kg)  
M-8Dx: 5.8 lbs. (2.6 kg)

**Three Year Limited Warranty**  
Merit Series units are protected by a limited three year warranty covering defects in materials and workmanship.