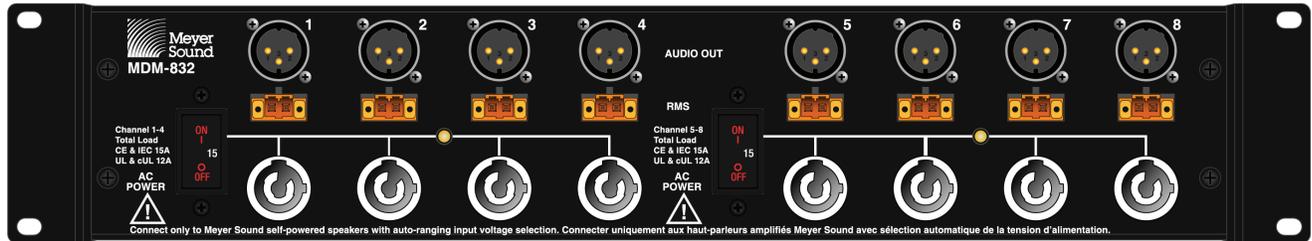
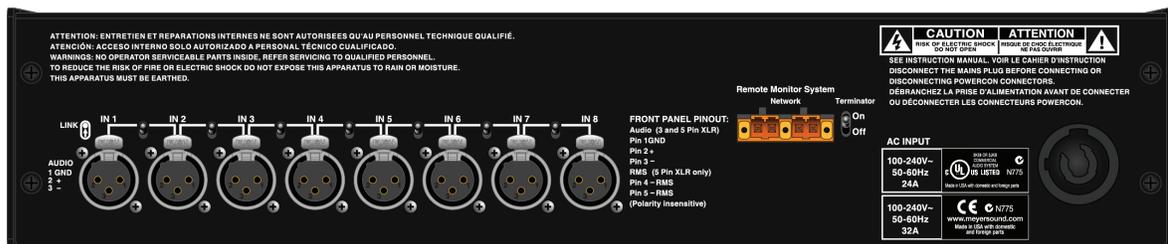


# MDM-832 Distribution Module



Front panel shown with XLR 3-pin male audio outputs; also available with XLR 5-pin male audio outputs



The MDM-832 distribution module routes up to eight channels of AC power, balanced audio, and RMS™ to multiple Meyer Sound loudspeakers, further enhancing portability and ease of use for self-powered stage monitors and loudspeakers with low to moderate current draw. The MDM-832 simplifies distribution with third-party composite cables carrying both AC power and balanced audio, streamlining setups and tear-downs, and reducing onstage cable clutter.

The MDM-832 receives balanced audio from eight rear-panel audio inputs, equipped with XLR 3-pin female connectors. Audio inputs offer flexible routing with toggle switches that route to corresponding audio outputs, as well as to adjacent, contiguous audio outputs. For example,

audio input 1 can be routed to audio outputs 1 and 2, and audio input 3 can be routed audio outputs 3 and 4. Another example is to route audio input 1 to audio outputs 1–4, and audio input 5 to audio outputs 5–8. You can also simply route all audio inputs to their corresponding audio outputs. A single audio output can drive multiple loudspeakers equipped with loop outputs. The rear panel also includes an RMS network connector and terminator for routing RMS signals from the eight front-panel RMS loudspeaker connectors.

Front-panel audio outputs are available as XLR 3-pin male or XLR 5-pin male. XLR 3-pin connectors deliver balanced audio only, while XLR 5-pin connectors deliver both balanced audio and RMS.

AC power is received from a single rear-panel powerCON® 32 connector and routed to two output sections, each comprised of four front-panel powerCON 20 connectors (1–4 and 5–8), each with a total output capacity of 15 A. The two output sections can drive multiple loudspeakers with a sum total maximum long-term continuous current draw equal to the 15 A capacity. Two front-panel 15 A breaker switches enable AC to the output sections. Voltage presence is indicated by two front-panel LEDs, one for each section.

The MDM-832 is housed in a 2-space, 19-inch rackmount enclosure with adjustable, reversible rack ears, allowing outputs to be placed at the front or rear of the rack, mounted either flush or recessed.

## FEATURES & BENEFITS

- Routes up to eight channels of AC power, balanced audio, and RMS to Meyer Sound self-powered stage monitors and loudspeakers
- Supports third-party composite cables for AC power and balanced audio to streamline setups and tear-downs

- When equipped with XLR 5-pin connectors, outputs deliver both balanced audio and RMS with single, composite cables
- Reversible rack ears offer the flexibility of placing outputs at either the front or rear of the rack

## APPLICATIONS

- Touring
- Festivals
- Theatres
- AV Rentals

## MDM-832 SPECIFICATIONS

<b>FRONT PANEL</b>	<p><b>Analog Audio Outputs</b> Eight gold-plated XLR 3-pin or 5-pin male connectors</p> <p><b>RMS Loudspeaker</b> Eight RMS FT-10 network connectors</p> <p><b>LEDs</b> Two LED indicators for AC voltage presence</p> <p><b>AC Outputs<sup>1</sup></b> Eight powerCON 20 connectors</p> <p><b>Circuit Breakers</b> Two 15 A breaker switches for enabling AC outputs 1–4 and 5–8</p>
<b>REAR PANEL</b>	<p><b>Analog Audio Inputs</b> Eight gold-plated XLR 3-pin female connectors</p> <p>Link switches to route to outputs</p> <p><b>RMS Network/Thru</b> Two RMS FT-10 network connectors with terminator, reporting all connected amplifier operating parameters to the RMServer™</p> <p><b>AC Input</b> One powerCON 32 connector</p>
<b>AC POWER</b>	<p><b>Operating Voltage Range</b> 100–240 V AC, 50–60 Hz</p> <p><b>Total Load, Outputs 1–4<sup>2</sup></b> 12 A (UL/cUL); 15 A (IEC/EN)</p> <p><b>Total Load, Outputs 5–8<sup>2</sup></b> 12 A (UL/cUL); 15 A (IEC/EN)</p> <p><b>Output Load<sup>3</sup></b> 24 A (UL/cUL); 30 A (IEC/EN)</p>
<b>PHYSICAL</b>	<p><b>Dimensions</b> 2-space rackmount enclosure 19.00" w x 3.50" h x 8.50" d (483 mm x 89 mm x 216 mm)</p> <p><b>Weight</b> 12 lbs (5.4 kg)</p> <p><b>Finish</b> Low-gloss black, very fine textured</p>

### NOTES:

1. Connect only to Meyer Sound self-powered loudspeakers with auto-ranging input voltage selection.
2. Must meet or exceed the sum of the maximum long-term continuous current draw for all connected loudspeakers.
3. Indicates the total combined output load for channels 1–8.



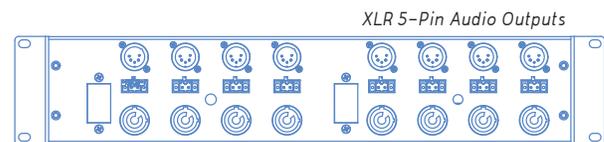
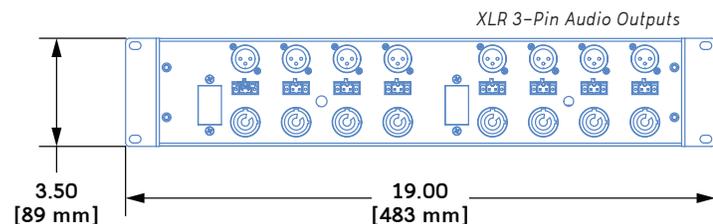
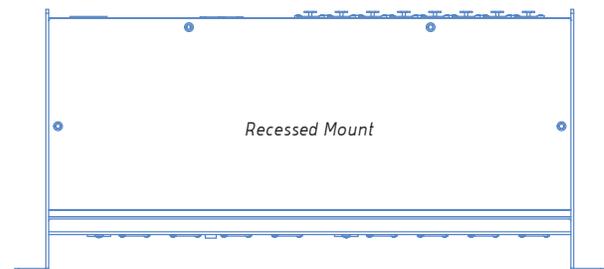
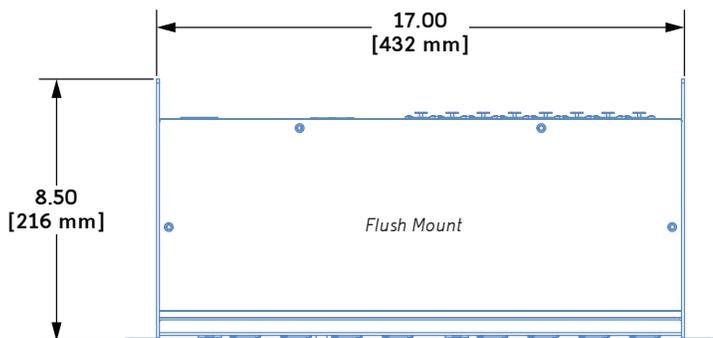
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## ARCHITECT SPECIFICATIONS

The distribution module shall route up to eight channels of AC power, balanced audio, and RMS to Meyer Sound self-powered loudspeakers with auto-ranging input voltage selection.

Rear-panel inputs shall include eight XLR 3-pin female connectors for receiving balanced audio. Audio inputs shall be routed to corresponding audio outputs, and may also be routed to adjacent audio outputs with rear-panel link switches. Two rear-panel FT-10 network connectors and a terminator shall provide connectivity to the RMS remote monitoring system with muting,

soloing, and monitoring of RMS-equipped loudspeakers from a Mac® or Windows®-based computer.

Front-panel outputs shall include eight XLR 3-pin or 5-pin male connectors for balanced audio, eight powerCON 20 connectors for AC power, and eight FT-10 network connectors for the RMS remote monitoring system. XLR 5-pin connectors shall accommodate both balanced audio and RMS with composite cabling.

Two front-panel 15 A breaker switches shall enable AC to outputs 1–4 and 5–8 and protect the distribution

module from unsafe current draw levels. Front panel LEDs shall indicate voltage presence for each output section.

The distribution module shall be housed in a 2-space, 19-inch reversible rackmount enclosure measuring 8.50 inches (216 mm) in depth and weighing just 12 lbs (5.4 kg). Its AC inlet shall be a powerCON 32 locking connector to prevent unwanted power disconnections.

The distribution module shall be the Meyer Sound MDM-832.