

RM-MP12

Rack Mount 12-Channel Audio Monitor Panel



- Twelve Individually Selectable Audio Inputs Using High Quality Keyboard-Style Pushbuttons
- LED Above Each Button to Show Selected Source
- Variable Intensity VU Ballistic LED Provided Above the Button for Each Audio Input
- Rear-Panel Jumpers Set Each Input Level Range for +4 dBu, 25 V, 70.7 V or 100 V
- Input Signals May Be: Balanced, Unbalanced, Constant Impedance Speaker Line or 8 Ω
- Installer Adjustable Trimmers Permit Calibrating Each Input for Normal Operating Levels Below the Selected Range
- Calibrated Front-Panel Meter Displays Selected Audio Source
- Meter Calibrated to 0 dB Scale, with Full Metering Above and Below 0 dB
- Meter Scale: -18, -10, -8, -6, -4.5, -3, -2, -1, 0, +1.5, +3, +6, +10, +14, +18
- Front-Panel Speaker and Headphone Jack
- Level Control for Speaker and Headphone Uses Digital Attenuator for Long, Noise-Free Life
- Internal 4.5 W RMS Power Amplifier Feeds Either Internal Speaker or External Speaker
- Fixed Line-Level +4 dBu Output
- Variable Line-Level +4 dBu Output (Controlled by Front-Panel Knob)
- Audio Inputs and Outputs on Plug-In Terminal Blocks
- Differential Inputs Feature Very High Common Mode Rejection for Minimum Hum

Wherever monaural line level or speaker level audio needs to be selected and/or monitored economically with professional quality, reliability and in a single rack unit, the RM-MP12 is the ideal choice. Use the RM-MP12 individually, or combine it with other RDL products as part of a complete audio/video system.

APPLICATION: The RM-MP12 is the ideal choice in rack mount audio monitoring or source selection applications where various audio levels need to be selected and/or monitored. Each input may be individually calibrated for unbalanced consumer, balanced professional, 8 Ω speaker line or constant voltage speaker lines. There is a variable intensity LED on the front panel for each input (full intensity at 0 dB to minimal intensity at -15 dB). These simple meters remain active at all times providing an immediate visual indication of correct operating levels for all inputs simultaneously. Front-panel pushbuttons select one of the twelve inputs to feed the calibrated meter, front-panel speaker (or external speaker if connected) and headphone jack. The **0 dB** LED on the calibrated meter indicates a +4 dBu output at the fixed level output. Normal operating levels in distributed speaker systems are typically less than full power (for example, normal operating level may be several dB less than 70.7 V or 100 V). A rear-panel calibration control is provided for each of the twelve inputs permitting each individual level to be calibrated to 0 dB on the meters. With the input level set, the variable intensity LED for a given input will indicate the same level as the expanded scale meter indicates when that source is selected.

The front panel features 12 high-reliability, keyboard-style pushbuttons with corresponding LED indicators to show which audio source is selected. If the button for an active source is pushed, all audio sources are turned off until the next source selection is made. The front-panel volume knob controls the audio level of the front-panel headphone jack, front-panel speaker, external speaker output and variable line level (+4 dBu) rear-panel output. A separate fixed +4 dBu line-level output on the rear panel is always active and unaffected by the front-panel control. The front-panel control uses a digital attenuator for long-life, noise-free performance. During installation of the RM-MP12, either the front-panel speaker or external speaker is selected. Inserting headphones into the front-panel jack will optionally (based on rear-panel jumper setting) mute the speaker.



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