



MM-1 Microphone Preamp with Headphone Monitor

Preliminary Information



Description

The portable MM-1 combines two essential production functions – microphone preamplification and headphone monitoring – in one compact product. Designed for demanding radio, television, and multimedia productions, the MM-1 is a no-compromise, studio-quality microphone preamplifier with phantom power, high-pass filter, and built-in limiter. With its monitoring function providing foldback of its preamp audio and an external line level signal, the MM-1 is at home in the most complex broadcast remotes, theatrical productions, and intercom setups.

The MM-1 is built to Sound Devices high standards of audio and mechanical quality and will provide years of performance under the most punishing field conditions.

Features

High Performance Microphone Preamplifier

- Maximum of 66 dB of gain in eleven steps for accurate, repeatable gain settings.
- Wide dynamic range and audio bandwidth.
- High immunity to RF interference.
- Transformer-balanced input and output using premium Lundahl input transformer and custom-designed output transformer.
- High current line output driver capable of driving very long cable runs.
- Two-position high pass filter at 80 Hz and 160 Hz.
- Selectable 48-volt or 12-volt phantom, or T powering.
- Virtually “unclippable” dual-stage opto-isolator peak limiter.

Flexible Headphone Monitoring

- Listen to preamp audio and balanced line-level monitor audio in headphones.
- Front panel headphone connector.
- Front panel headphone level control.
- Separate, front panel monitor level control.

Durable Mechanical Construction

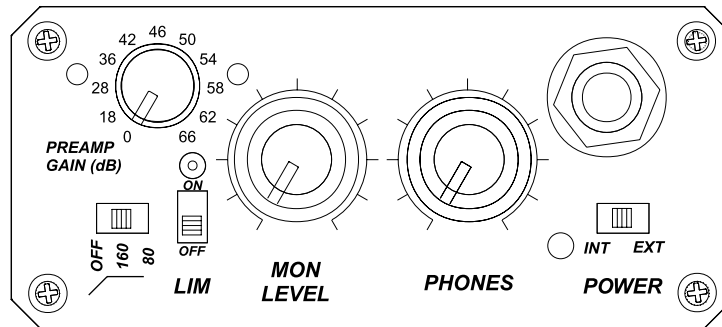
- Easy access battery compartment (2 x AA) with external dc power connector (5 - 14 vdc).
- High strength extruded aluminum chassis with metal knobs and protective end rails.
- Simple belt clip.

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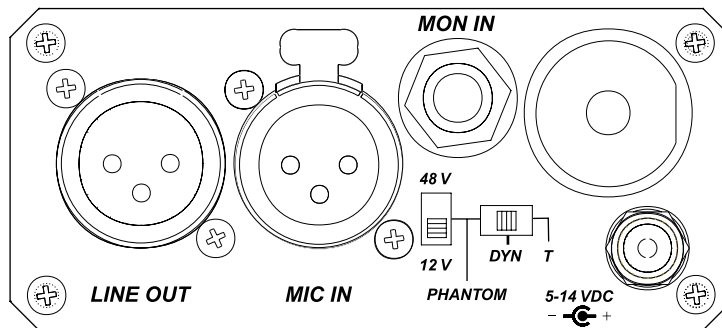
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Front Panel



Input/Output Panel



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