

PRODUCT
MDR 1064

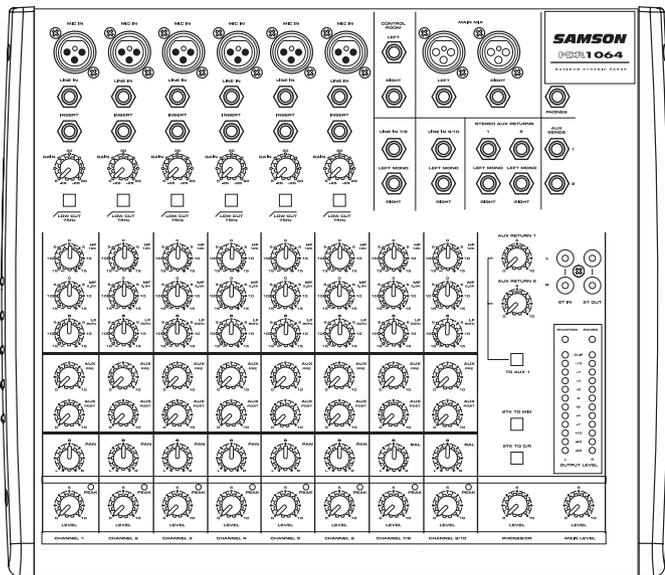
DESCRIPTION
MIXER

SERIES
MDR

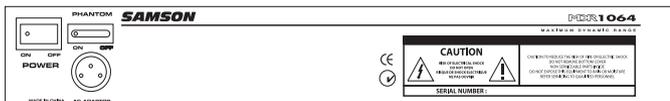
CATEGORY
MIXERS



FRONT PANEL



BACK PANEL



GENERAL DESCRIPTION

The MDR1064 is a ten-channel mixer, with six low noise microphone pre-amps. The six Mic/line inputs and two stereo inputs each feature a 3-band equalizer plus two Aux sends. The MDR1064's master section includes two stereo Aux returns and a 2-track Input and Output for the playing back of stereo devices and for recording your mix. Clean, clear sound reproduction with sweet equalization and signal flexible routing in a rugged enclosure, ensure reliable high quality sound from performance to performance. Optimized for recording, live sound reinforcement and commercial installations, the MDR1064 is an ideal mixer solution offering big sound in a compact package.

FEATURES

- > Ten Channels – Six Mic/Line plus two Stereo inputs.
- > Flexible design topology ideal for live sound, recording and post production.
- > 2 Track Input and Output allows you to connect a CD, DAT, Cassette, Mini Disk or Computer Sound Card.
- > Three-band channel equalizer, +/-15dB at 80Hz, 2.5 KHz and 12KHz provides precise and musical results in sound shaping.
- > Two Auxiliary Sends for built-in or external effects, on-stage monitor mix, or headphone mixing.
- > Twelve segment LED Meter with VU ballistics displays the main output.
- > High quality, low noise, discrete microphone pre-amplifiers with 48-Volt phantom power, provide Maximum Dynamic Range and transparent audio.
- > Advanced circuit design using discrete components and high quality, low noise op-amps carefully selected at each stage of the signal path.
- > Quality build and rugged construction ensure reliable performance from venue to venue and session to session.
- > Three-year extended warranty.

PRODUCT SPECIFICATION SHEET

SERIES
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MDR 1064 SPECIFICATIONS

Mono input channels

Microphone input..... electronically balanced, discrete input configuration
 Frequency response 10Hz to 50kHz, +/-0.4 dB
 Distortion..... (THD & N) 0.007% at 4dBu, 1kHz
 Gain range 5dB to +60dB (MIC)
 SNR (Signal to Noise Ratio)... 105dB
 Line input electronically balanced
 Frequency response 10Hz to 45kHz
 Distortion (THD & N)..... 0.01% at 4dBu, 1kHz
 Sensitivity range -26dBu to +26dBu

Stereo input Channels

Line input Balanced
 Frequency response 10Hz to 50kHz, +/-0.4dB
 Distortion (THD & N)..... 0.008% at +4dBu, 1kHz

Impedances

Microphone input..... 4.5k Ohm
 Channel Insert return 2.5k Ohm
 All other inputs 14.8k Ohm or greater
 Tape out..... 1k Ohm
 All other output 120 Ohm

Equalization

Hi shelving +/- 15dB @12kHz
 Mid peak..... +/- 15dB @2.5kHz
 Low shelving..... +/- 15dB @80Hz
 Low Cut filter..... 75Hz, 18dB/oct.

Main Mix Section

Noise (Bus noise)..... Levels full down: -97dB (ref.:+4dBu); Level set to 0 dB: -85dB (ref.:+4dBu)
 Max output..... +22dBu balanced XLR, 22dBu unbalanced, 1/4" jacks
 AUX Return gain range ∞ to +15dB
 AUX Sends max out +22dBu
 Power Consumption 15W

Power supply (AC/AC Adaptor)

Main voltage..... USA/Canada 108 - 132V, 60Hz
 Europe 210 - 230V, 50Hz
 U.K./Australia 240V, 50Hz

Physical

Net weight 6.8 lb. (3.1Kg)
 Dimension (W x D x H) 13.5" x 12" x 2.8" (344mm x 304mm x 71mm)

ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The Samson MDR1064 shall be a 10 input, stereo output mixer. It shall have 6 mic channels with trim controls, switchable high pass filter, high frequency, mid frequency, and low frequency equalizer controls, 2 aux sends, pan control, level control and LED peak indicators. It shall have 2 line input stereo channels with all the same controls as the mic channels except for the trim,highpass and the pan control will be a stereo balance control. A stereo main output level controls will also be available. A control room and headphone output and level control shall also be provided. The MDR1064 uses an external power supply.

