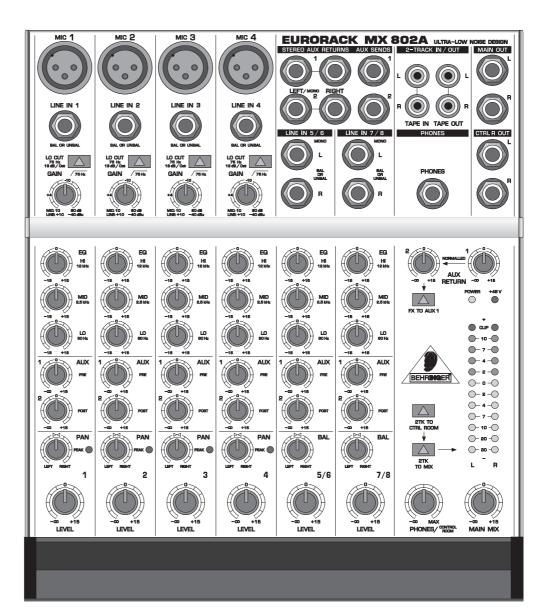
MX802A

Technical Specifications

Version 1.1 May 2000





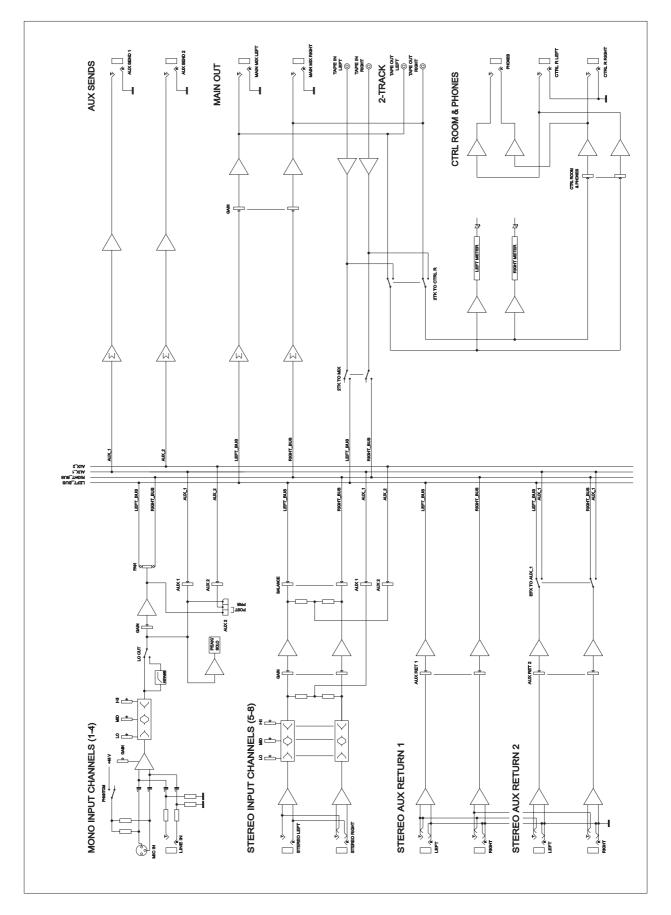


MX802A

Ultra-low noise 8-Channel Mic/Line Mixer

- ▲ 4 Mono Input Channels with gold plated XLRs and balanced Line Inputs
- ▲ Ultra-low noise discrete Mic Preamps with +48 V Phantom Power
- ▲ 2 Stereo Input Channels with balanced TRS Jacks
- ▲ 2 additional multifunctional Stereo Line Inputs
- ▲ Extremely high headroom offering more dynamic range
- ▲ Balanced Inputs for highest signal integrity
- ▲ Ultra-musical 3-band EQ on all channels
- Peak LEDs and switchable low-Cut Filter on all Mono Channels
- ▲ 2 Aux Sends per channel for external effects and monitoring
- Separate Main Mix, Control Room and Headphone Outputs
- ▲ 2-Track Inputs assignable to Main Mix, Control Room / Headphone Outputs
- ▲ Highly accurate 12 segment Bargraph Meters
- ▲ High-quality sealed potentiometers
- ▲ Rugged design Power Supply ensures superior signal integrity
- ▲ State-of-the-art 4580 IC's and high quality components ensure crystal-clear audio performance and excellent noise figures
- A Rugged construction ensures long life even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified managment system

BLOCK DIAGRAM



SPECIFICATIONS

Mono Inputs

Mic Input Bandwidth Distortion (THD&N) Mic E.I.N. (22 Hz - 22 kHz)

Gain range

Line Input Bandwidth Distortion (THD&N) Line level range

Equalization Hi Shelving Mid Range Lo Shelving

Stereo inputs

Line Input Bandwidth Distortion (THD&N)

Equalization Hi Shelving Mid Range Lo Shelving

Main Mix section

Max Output Aux Send Max Out Control Room Out Signal-To-Noise Ratio

Power supply

Mains Voltages

USA/Canada U.K./Australia Europe Japan 115 V ~, 60 Hz, power supply unit MXUL2 240 V ~, 50 Hz, power supply unit MXUK2 230 V ~, 50 Hz, power supply unit MXEU2 100 V ~, 60 Hz, power supply unit MXJP2

Physical

Dimensions (H * W * D) Net Weight Gross Weight app. 1.18" / 3.15" (30 / 80 mm) * 9.05" (230 mm) * 10.63" (270 mm) app. 2.4 kg (PSU not included) app. 4.2 kg

electronically balanced, discrete input configuration

0.007% at +4 dBu, 1 kHz, Bandwidth 80 kHz

0.007% at +4 dBu, 1 kHz, Bandwidth 80 kHz

0.007% at +4 dBu, 1 kHz, Bandwidth 80 kHz

10 Hz to 60 kHz, ± 3 dB

+10 dB to +60 dB

electronically balanced

10 Hz to 60 kHz, ± 3 dB

10 Hz to 55 kHz, ± 3 dB

+10 dBu to -40 dBu

12 kHz +/-15 dB

2.5 kHz +/-15 dB 80 Hz +/-15 dB

12 kHz +/-15 dB

2.5 kHz +/-15 dB 80 Hz +/-15 dB

+22 dBu balanced

+22 dBu unbalanced

+22 dBu unbalanced

112 dB, all channels at Unity Gain

unbalanced

-129.5 dBu, 150 Ohm source -117.3 dBqp, 150 Ohm source -132.0 dBu, input shorted -122.0 dBqp, input shorted

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