

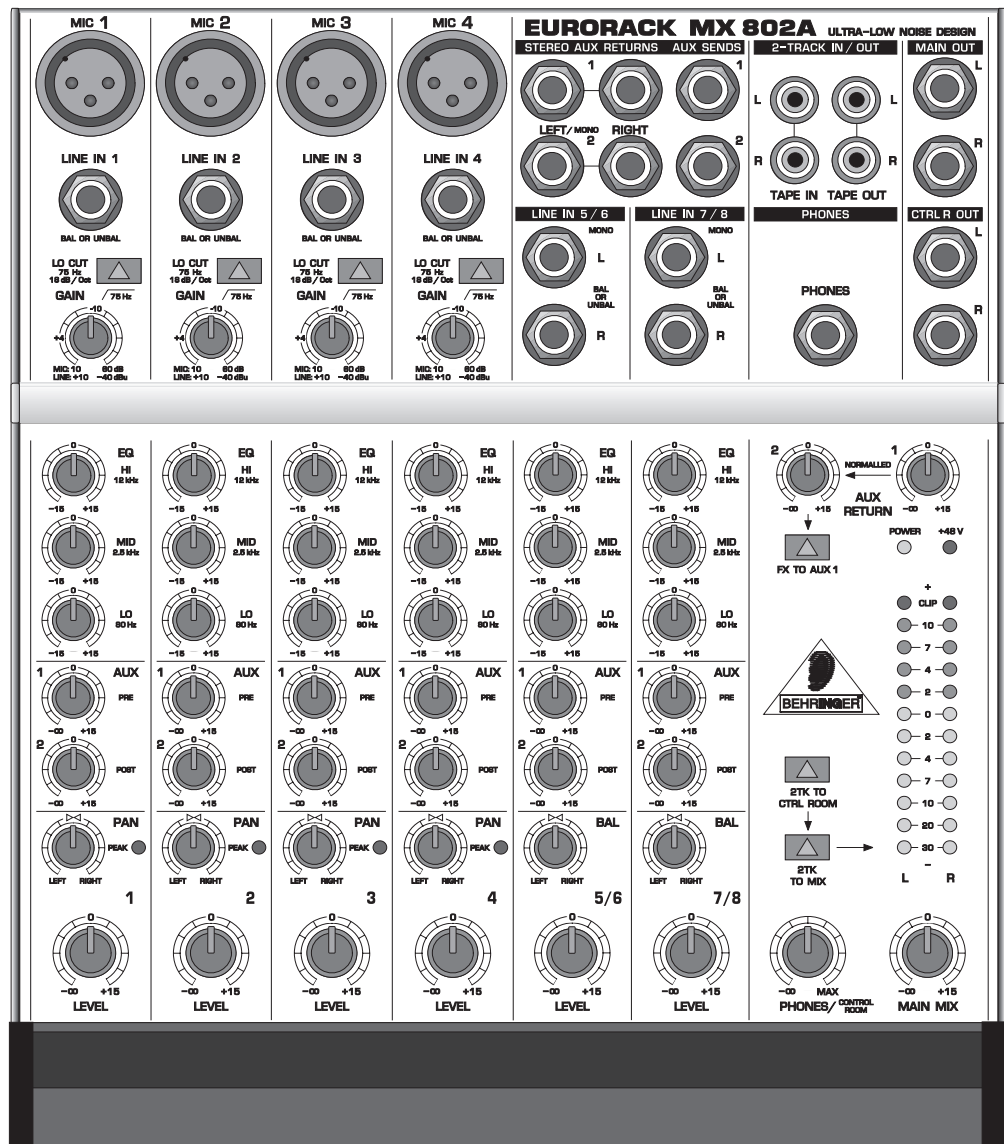
MX802A

EUROACK®

Technical Specifications

Version 1.1 May 2000

ENGLISH



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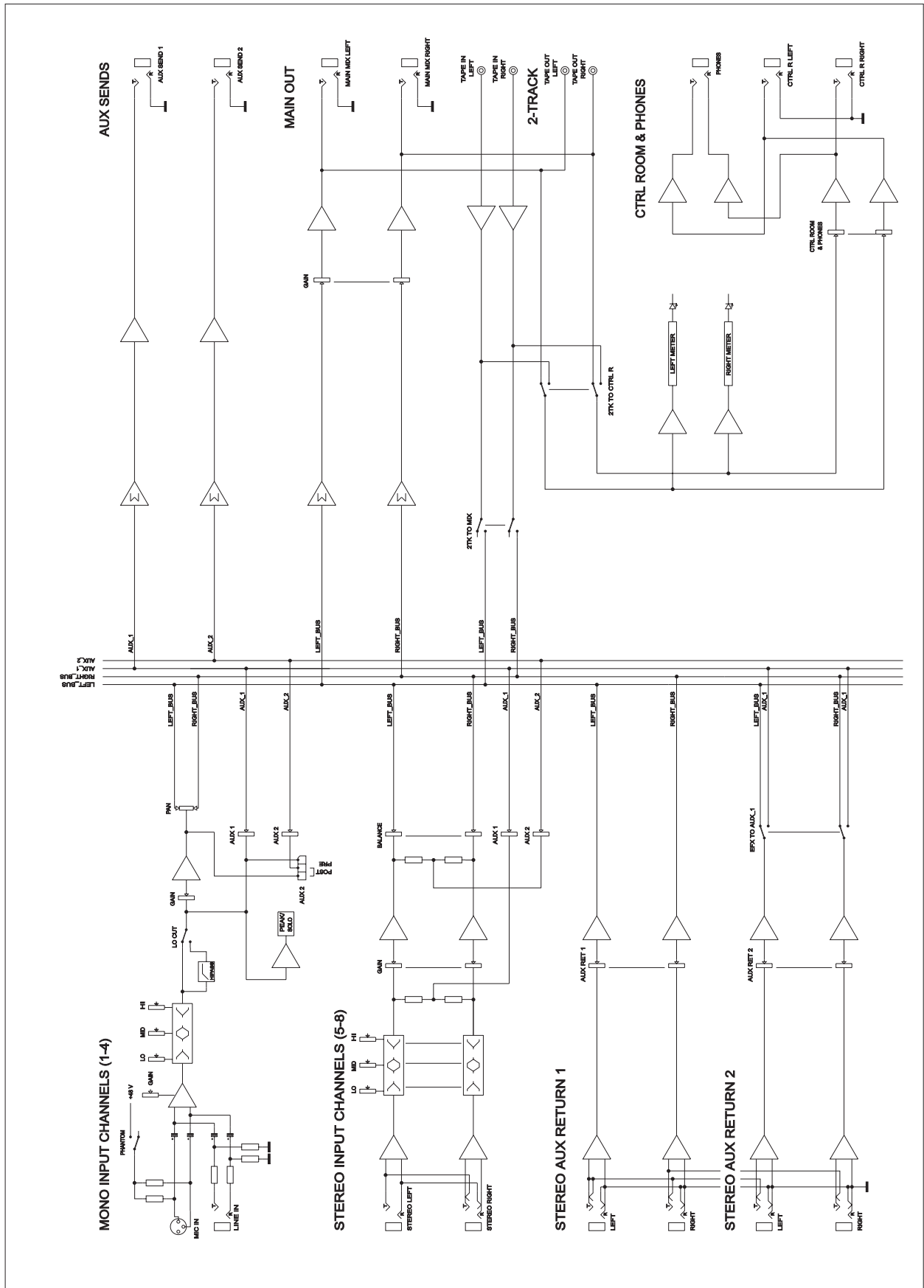
MX802A

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
- ▲ Rugged construction ensures long life even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

EURO
ROCK
BACK

BLOCK DIAGRAM



SPECIFICATIONS

Mono Inputs

Mic Input	electronically balanced, discrete input configuration
Bandwidth	10 Hz to 60 kHz, ± 3 dB
Distortion (THD&N)	0.007% at +4 dBu, 1 kHz, Bandwidth 80 kHz
Mic E.I.N. (22 Hz - 22 kHz)	-129.5 dBu, 150 Ohm source -117.3 dBqp, 150 Ohm source -132.0 dBu, input shorted -122.0 dBqp, input shorted
Gain range	+10 dB to +60 dB
Line Input	electronically balanced
Bandwidth	10 Hz to 60 kHz, ± 3 dB
Distortion (THD&N)	0.007% at +4 dBu, 1 kHz, Bandwidth 80 kHz
Line level range	+10 dBu to -40 dBu
Equalization	
Hi Shelving	12 kHz +/-15 dB
Mid Range	2.5 kHz +/-15 dB
Lo Shelving	80 Hz +/-15 dB

Stereo inputs

Line Input	unbalanced
Bandwidth	10 Hz to 55 kHz, ± 3 dB
Distortion (THD&N)	0.007% at +4 dBu, 1 kHz, Bandwidth 80 kHz
Equalization	
Hi Shelving	12 kHz +/-15 dB
Mid Range	2.5 kHz +/-15 dB
Lo Shelving	80 Hz +/-15 dB

Main Mix section

Max Output	+22 dBu balanced
Aux Send Max Out	+22 dBu unbalanced
Control Room Out	+22 dBu unbalanced
Signal-To-Noise Ratio	112 dB, all channels at Unity Gain

Power supply

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

Physical

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

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BEHRINGER Spezielle Studioteknik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany

Tel. +49 (0) 21 54 / 92 06-0, Fax +49 (0) 21 54 / 92 06-30
