

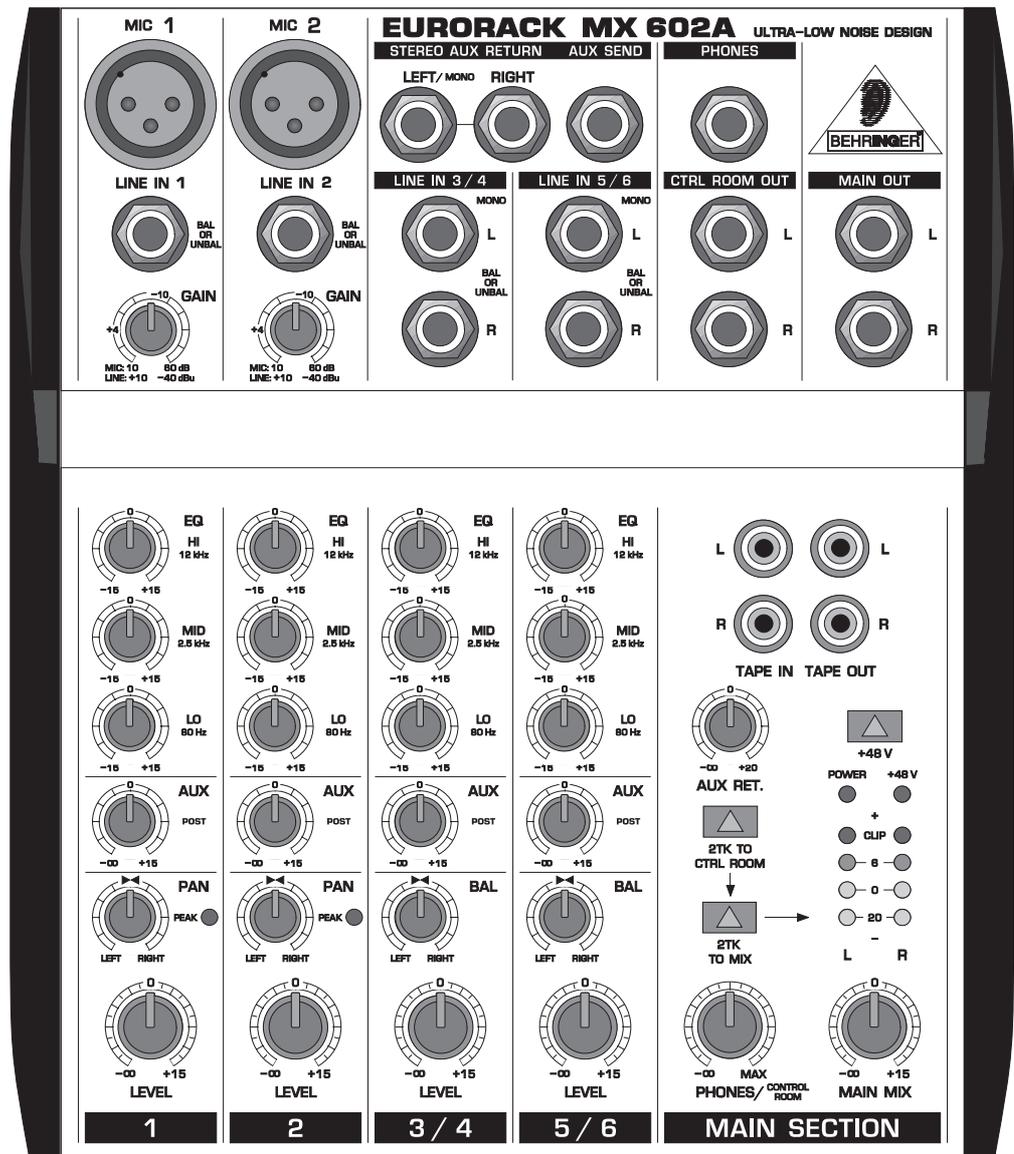
MX602A

EUROSTACK®

Technical Specifications

Version 1.1 May 2000

ENGLISH



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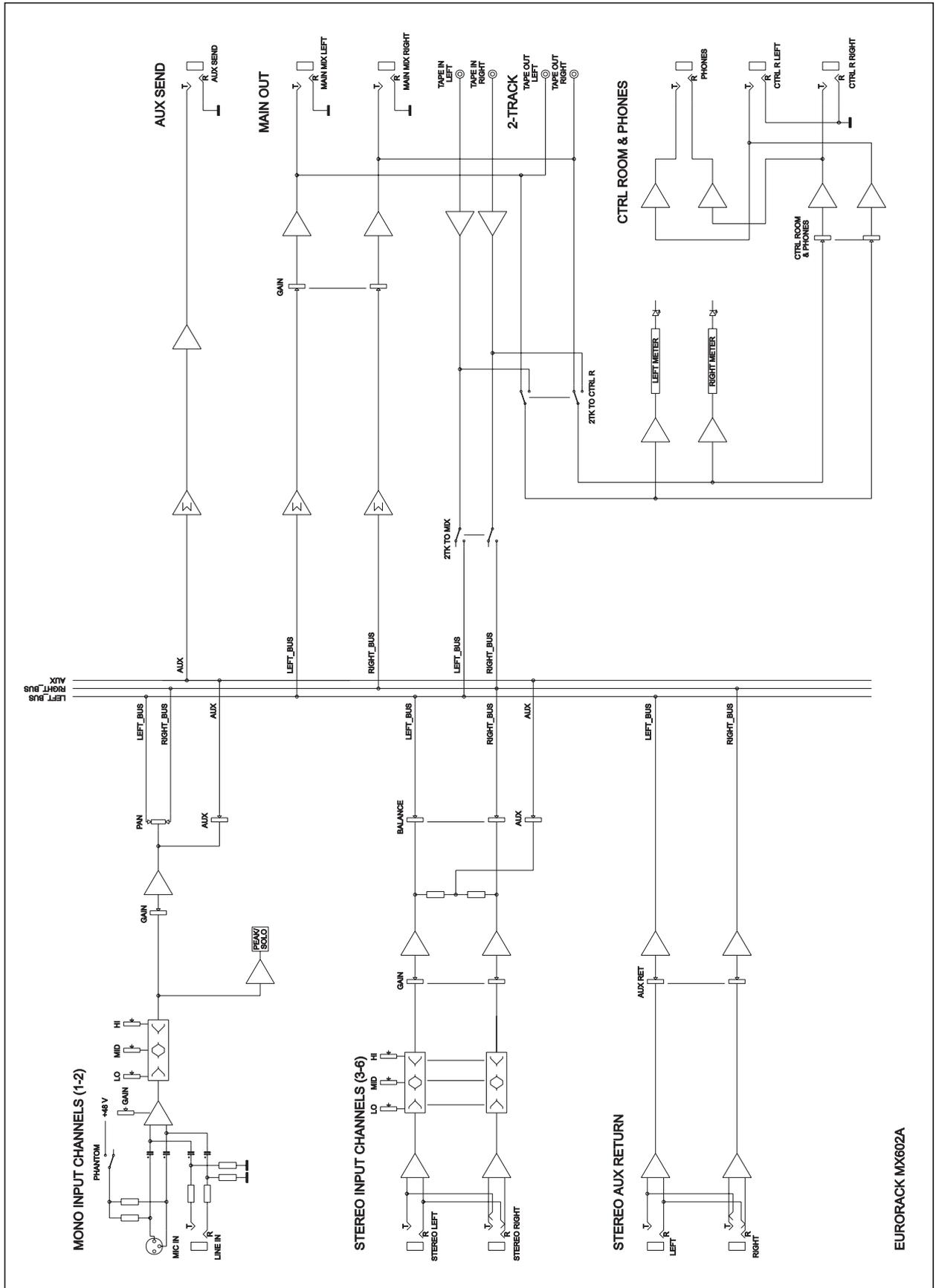
MX602A

6 Channel ultra-low noise MIC/LINE Mixer

- ▲ Ultra-low noise 6-Channel, 2-Bus Mixer
- ▲ 2 Mono Input Channels with gold plated XLR and Line Inputs
- ▲ Ultra-low noise discrete Mic Preamps with +48 V Phantom Power
- ▲ 2 Stereo input Channels with balanced TRS Jacks
- ▲ Additional multifunctional Stereo Aux Return
- ▲ Extremely high headroom – offering a huge dynamic range
- ▲ Balanced Inputs for highest signal integrity
- ▲ Ultra-musical 3-band EQ on all channels
- ▲ Peak LEDs on all Mono Channels
- ▲ Aux Send 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 4 segment Bargraph Meters
- ▲ High-quality sealed potentiometers
- ▲ Rugged design Power Supply ensures superior transient response
- ▲ State-of-the-art 4580 IC's and highest quality components ensure crystal-clear audio performance and ultra-low noise performance
- ▲ Extremely rugged construction ensures long life even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

EURO
ROCK
RA
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BLOCK DIAGRAM



SPECIFICATIONS

Mono input channels

Mic Input	electronically balanced, discrete input configuration
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
Bandwidth	10 Hz to 60 kHz, ± 3 dB
Distortion (THD&N)	0.007 % at +4 dBu, 1 kHz, Bandwidth 80 kHz
Gain range	+10 dB to +60 dB
Signal-to-noise ratio	113,6 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 unbalanced
Aux send max out	+22 dBu unbalanced
Control room out	+22 dBu unbalanced
Signal to noise ratio	112 dB
Equivalent Input Noise	-90 dBu (all channels open, Unity Gain)

Power supply

Mains Voltages	USA/Canada	115 V ~, 60 Hz, power supply unit MXUL3
	U.K./Australia	240 V ~, 50 Hz, power supply unit MXUK3
	Europe	230 V ~, 50 Hz, power supply unit MXEU3
	Japan	100 V ~, 60 Hz, power supply unit MXJP3

Physical

Dimensions (H * W * D)	app. 1.46" / 1.89" (37 / 48 mm) * 7.4" (188 mm) * 8.35" (212 mm)
Net weight	app. 1.3 kg (PSU not included)
Shipping weight	app. 2.8 kg

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