

DX100

PRO MIXER

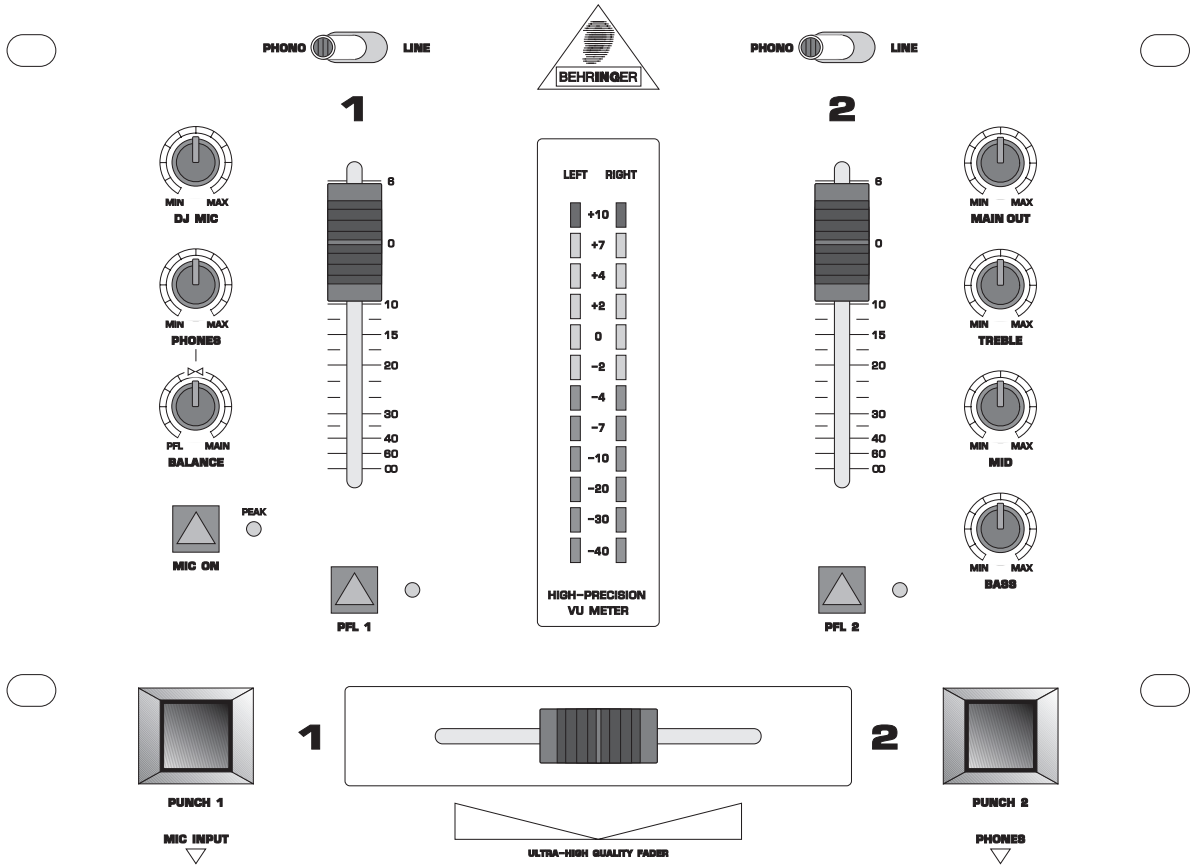
Technical Specifications

ENGLISH

Version 1.2 July 2000

BEHRINGER®
ULTRA-LOW NOISE DESIGN

PRO MIXER DX 100
PROFESSIONAL DJ MIXER WITH ULTRA-HIGH QUALITY FADER



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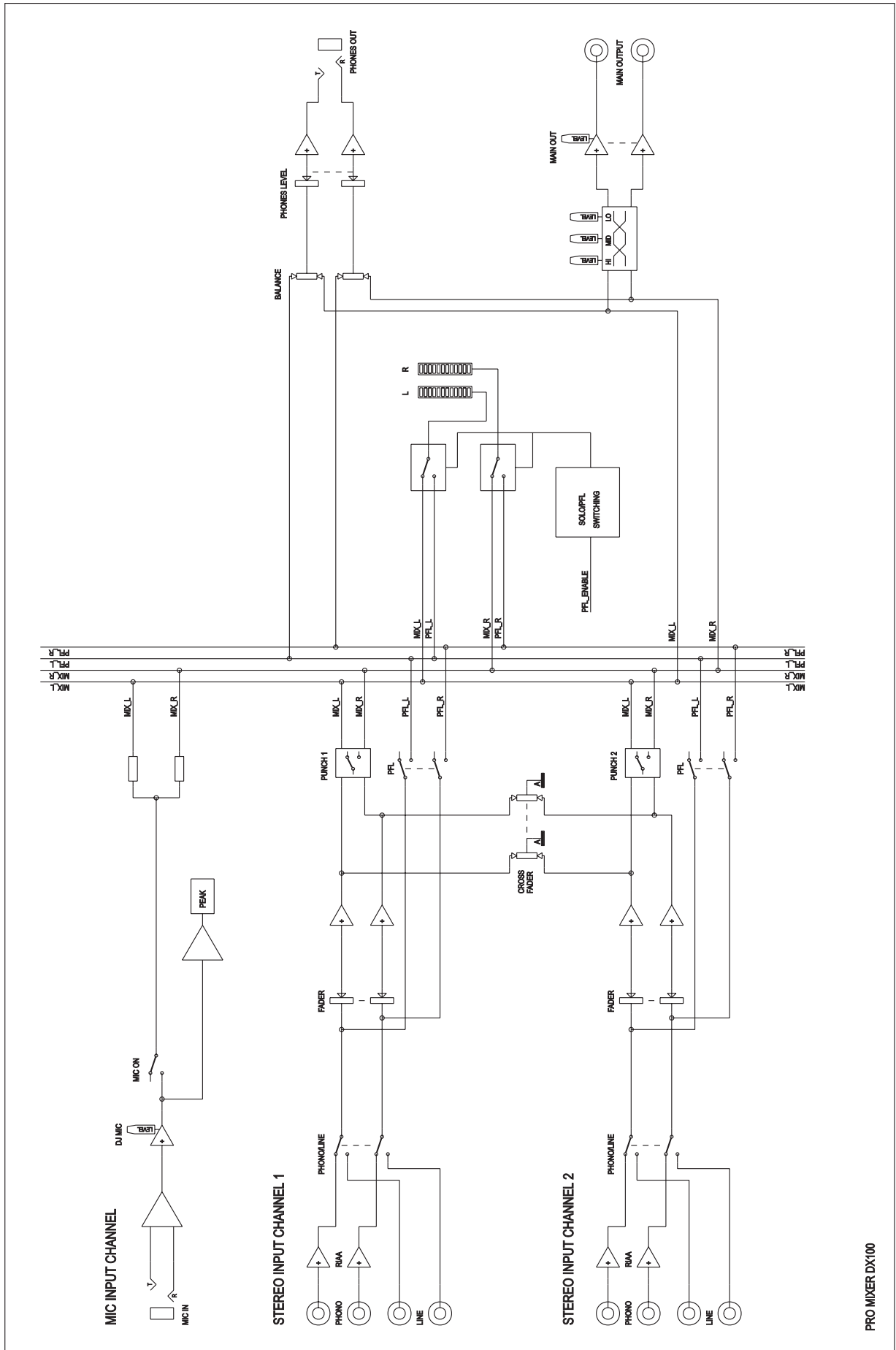
DX100

Professional DJ mixer with a total of 4 stereo sources on 2 dual-input channels

- ▲ High-class microphone input with peak indicator
- ▲ High precision phono pre-amps for bass power and crystal clear sound
- ▲ Ultra-musical 3-band EQ for maximum creative power
- ▲ Ultra-low noise design comparable to studio grade consoles
- ▲ Replaceable and ultra-high quality cross fader
- ▲ Large Punch buttons at the cross fader – your big plus for creative mixing!
- ▲ PFL switches with status LEDs on both channels
- ▲ A Balance control allows you to blend between Main and PFL on the phones section
- ▲ Master level control on the Main Out
- ▲ Tape outputs for parallel recording on gold-plated RCA connectors
- ▲ High precision 12-digit LED VU meters
- ▲ High-quality 60 mm channel faders as found in professional recording consoles
- ▲ Robust external power supply ensures maximum signal integrity
- ▲ Top quality components ensure superb audio performance and maximum endurance
- ▲ Super-rugged construction ensures long life, even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

PRO
MIXER

BLOCK DIAGRAM



PRO MIXER DX100

SPECIFICATIONS

INPUT CHANNELS

Mic input	Electronically balanced, discrete input configuration
Gain	+20 to +40 dB
Frequency response	10 Hz to 35 kHz, +/- 3 dB
THD	0.006 % typ. @ -20 dBu, 1 kHz
S/N ratio	> 78 dB
Phono input	unbalanced input
Gain	40 dB
Frequency response	20 Hz to 20 kHz, RIAA
THD	0.01 % typ. @ -20 dBu, 1 kHz
S/N ratio	> 75 dB
Crosstalk	< -76 dB
Line input	unbalanced input
Gain	0 dB
Frequency response	10 Hz to 62 kHz, +/- 3 dB
THD	0.005 % typ. @ +10 dBu, 1 kHz
S/N ratio	> 83 dB
Crosstalk	< -77 dB
EQ	
Low	50 Hz, +/- 10 dB
Mid	650 Hz, +/- 10 dB
High	10 kHz, +/- 15 dB

CONNECTORS

Main out	0 dB
Tape out	0 dB

POWER SUPPLY

Mains Voltages	USA/Canada	120 V ~, 60 Hz, PSU MXUL 2
	U.K./Australia	240 V ~, 50 Hz, PSU MXEU 2
	Europe	230 V ~, 50 Hz, PSU MXEU 2
	General Export Model	100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz
Power supply unit		
Model MXEU2	In: 230 V ~ / 50 Hz (100 mA)	
	Out: 2 * 18.5 V ~ (500 mA)	
Model MXUL2	In: 115 V ~ / 60 Hz (200 mA)	
	Out: 2 * 18.5 V ~ (500 mA)	

PHYSICAL

Dimension (approx.)	2.75" (70 mm) * 10" (254 mm) * 8" (203 mm)
Net weight (without PSU)	1.7 kg

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