

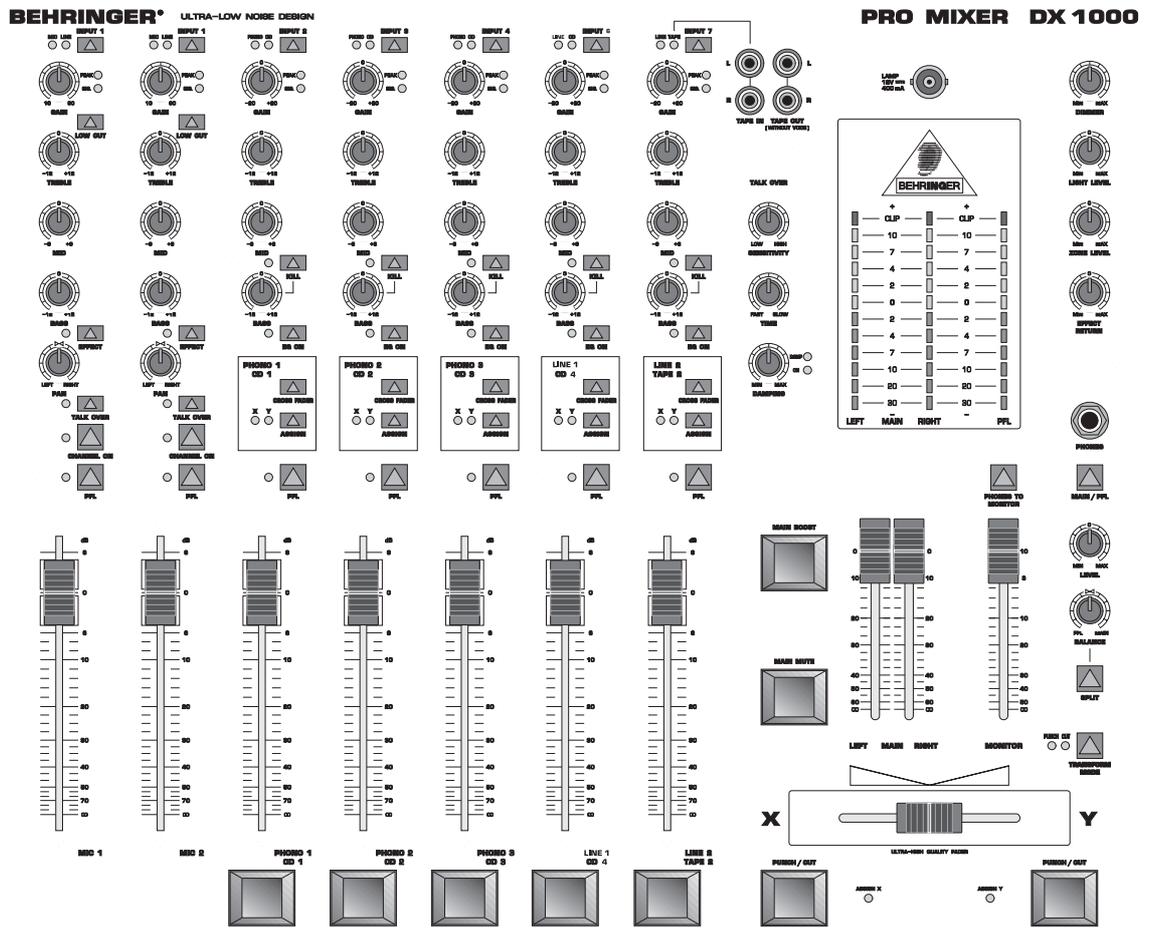
# DX1000

# PRO MIXER

## Technical Specifications

Version 1.2 July 2000

ENGLISH



www.behringer.com

# DX1000

Professional DJ mixer with a total of 10 stereo sources on 5 dual-input channels

- ▲ Two professional high-class microphone channels with peak indicator and effects send facility
- ▲ High precision phono pre-amps for bass power and crystal clean sound
- ▲ Ultra-musical 3-band EQ on all channels with independent defeat switch
- ▲ Kill switch attenuates the bass for more creativity
- ▲ Ultra-low noise design comparable to studio grade consoles
- ▲ Replaceable and ultra-high quality cross fader
- ▲ Fully adjustable talkover function automatically attenuates the main output
- ▲ PFL switches on all channels with two different PFL modes
- ▲ A Balance control allows you to blend between Main and PFL on the phones section
- ▲ Extremely flexible and clear X-Y routing with status control LEDs on each channel
- ▲ Large X-Y Punch and Cut buttons at the crossfader – your big plus for creative mixing!
- ▲ Cross fader characteristic can be adjusted to your needs
- ▲ Main Mute (-20 dB) and Main Boost buttons (+4 dB) give you total power
- ▲ Balanced Main outputs on gold-plated XLR, 1/4" TRS and RCA connectors
- ▲ Additional, adjustable Zone output allows you to control the level of a secondary area
- ▲ Subwoofer output with adjustable x-over frequency and level control for separate bass amplification
- ▲ Remote-start buttons to start your turntables and CD players etc. at your fingertip
- ▲ Separate tape outputs with and without microphone signal
- ▲ BNC socket for 12V gooseneck lamp including dimmer control
- ▲ High-quality 100 mm channel faders found in professional recording consoles
- ▲ Super-rugged construction ensures long life, even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

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MIXER



# SPECIFICATIONS

## MONO INPUT CHANNELS

Mic input	electronically balanced, discrete input configuration
Gain	+10 dB to +60 dB
Frequency response	10 Hz to 100 kHz, +/- 3 dB
THD	0.06 % typ. @ -30 dBu, 1 kHz
Line input	
Gain	-10 dB to +40 dB
Frequency response	10 Hz to 100 kHz, +/- 3 dB
THD	0.03 % typ. @ 0 dBu, 1 kHz, Gain 1
S/N ratio	> 80 dB
EQ	
Low	50 Hz, +/- 12 dB
Mid	750 Hz, +/- 9 dB
High	10 kHz, +/- 12 dB
Low cut	75 Hz, 18 dB/oct.

## STEREO INPUT CHANNELS

Phono/line/CD input	unbalanced input
Gain	
Line/CD	- 15 dB to +15 dB
Phono	+25 dB to +55 dB
Frequency response	
Line/CD	10 Hz to 100 kHz, +/- 3 dB
Phono	20 Hz to 20 kHz, RIAA
THD	
Line/CD	0.025 % typ. @ 0 dBu, 1 kHz
Phono	0.035 % typ. @ -30 dBu, 1 kHz
S/N ratio	
Line/CD	> 80 dB
Phono	> 70 dB
EQ	
Low	50 Hz, +/- 12 dB
Mid	750 Hz, +/- 9 dB
High	10 kHz, +/- 12 dB

## CONNECTORS

Master out	
Jack	0 dB
XLR	+6 dB
Monitor out	
Jack	0 dB (max. 10 dB gain)
Zone out	
Jack	0 dB (max. 10 dB gain)
Insert send	0 dB
Insert return	0 dB
Effect send	0 dB

## POWER SUPPLY

Mains Voltages	USA/Canada	120 V ~, 60 Hz, PSU MXUL 1
	U.K./Australia	240 V ~, 50 Hz, PSU MXEU 1
	Europe	230 V ~, 50 Hz, PSU MXEU 1
	General export model	100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz
Power supply units		
Model MXEU 1	In:	230 V ~ / 50 Hz (250 mA)
	Out:	2 * 19.5 V ~ (1200 mA)
Model MXUL 1	In:	115 V ~ / 60 Hz (500 mA)
	Out:	2 * 19.5 V ~ (1200 mA)

## PHYSICAL

Dimensions (W * H * D)	app. 19" (482.6) * 14" (355.6 mm) * 2.4" / 6" (60.96 mm / 152.4 mm)
Net weight (without PSU)	app. 6.5 kg

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