

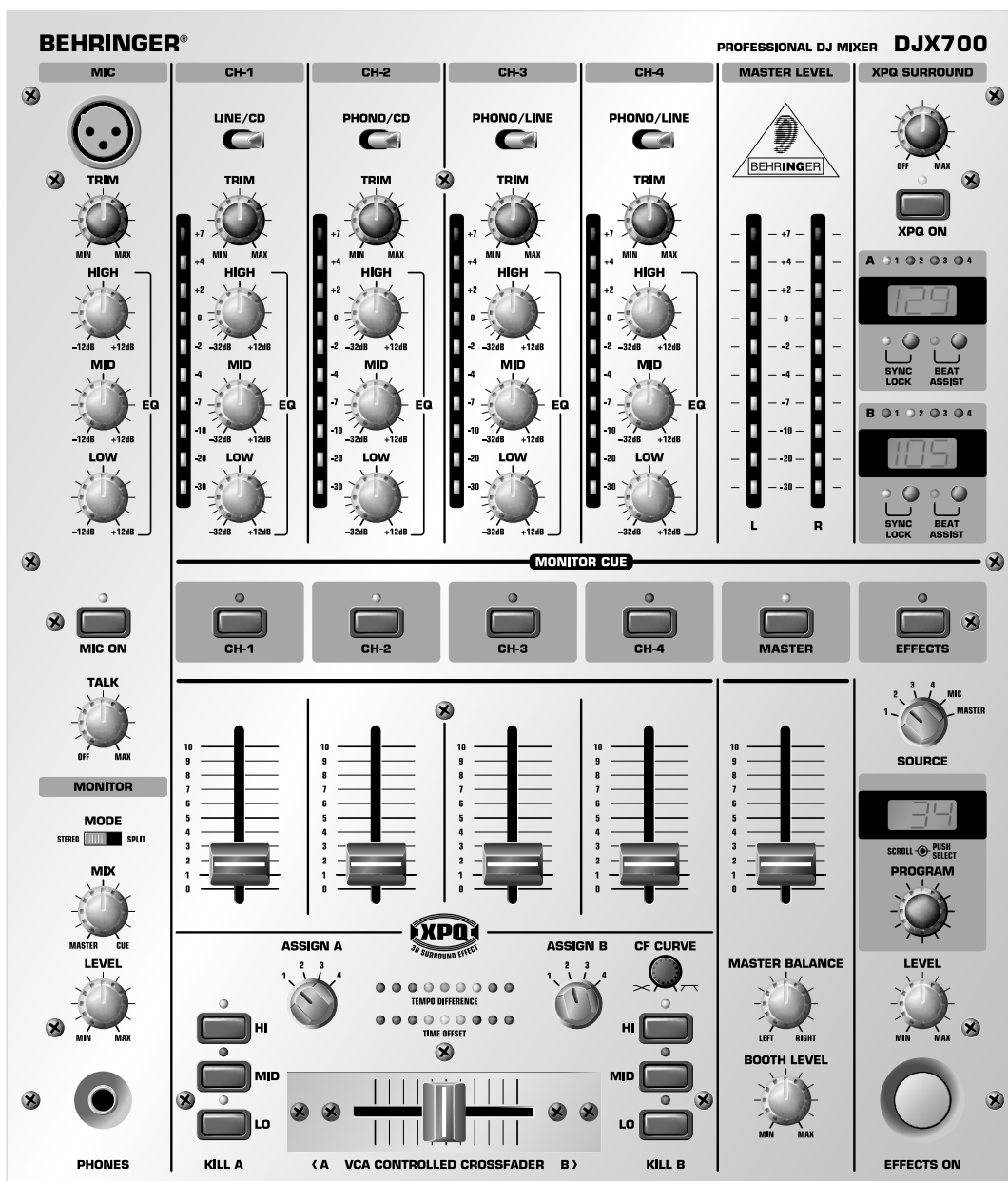
DJX700

PRO MIXER

Technical Specifications

Version 1.0 March 2003

ENGLISH



PRO MIXER

Professional 5-Channel DJ Mixer with Digital Effects and BPM Counter

- ▲ Professional 5-channel ultra low-noise DJ mixer with state-of-the-art phono preamps
- ▲ 47 breathtaking digital effect presets in 24-bit quality: delay, reverb, flanger, filter, panner, ultrabass, exciter, vinylizer, voice changer and more
- ▲ Intelligent dual auto-BPM counter with time and beat sync display
- ▲ Super-smooth ULTRAGLIDE faders with up to 500,000 life cycles
- ▲ Awesome adjustable XPQ stereo surround effect
- ▲ VCA controlled crossfader for utmost reliability and smooth audio performance
- ▲ Adjustable crossfader curve for all mixing styles
- ▲ 3-band kill EQ (-32 dB) and precise level meters with peak hold function per channel
- ▲ Additional 3-way kill switches with extremely steep frequency separation
- ▲ Monitor function with master/cue balance control and split option
- ▲ Auto-talkover function with separate depth control
- ▲ 4 dual input stereo channels, 1 ULN microphone channel with "On Air" switch
- ▲ Dedicated FX loop for connection of external devices (sampler, reverb processor etc.)
- ▲ Phono inputs can be switched to line level
- ▲ Gold-plated RCA sockets for excellent audio quality
- ▲ Ultra-rugged construction ensures long life, even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUTS

Mic	40 dB Gain, XLR, electronically balanced input
Phono in	40 dB Gain, unbalanced inputs
Line in	0 dB Gain, unbalanced inputs
CD in	0 dB Gain, unbalanced inputs
Return	0 dB Gain, unbalanced input

AUDIO OUTPUTS

Master	max. +21 dBu
Booth	max. +21 dBu
Tape	typ. 0 dBu
Send	typ. 0 dBu
Phones Out	max. 180 mW @ 75 Ω / 1% THD

EQUALIZER

Stereo Low	+12 dB/-32 dB @ 50 Hz
Stereo Mid	+12 dB/-32 dB @ 1.2 kHz
Stereo High	+12 dB/-32 dB @ 10 kHz

Mic Low	+15 dB/-15 dB @ 80 Hz
Mic Mid	+15 dB/-15 dB @ 2.5 kHz
Mic High	+15 dB/-15 dB @ 12 kHz

Kill Low	-54 dB @ 50 Hz
Kill Mid	-44 dB @ 1 kHz
Kill High	-26 dB @ 10 kHz

DIGITAL EFFECTS PROCESSOR

DSP	24-bit Texas Instruments®
Converter	24-bit Sigma-Delta, 64/128-times oversampling
Sampling rate	46.875 kHz

GENERAL

Signal-to-noise ratio (S/N)	> 80 dB (Line)
Crosstalk	> 70 dB (Line)
Distortion (THD)	< 0.03%
Frequency response	10 Hz - 55 kHz +0/-3 dB

POWER SUPPLY

Mains voltages	
USA/Canada	120 V~, 60 Hz
Europe/U.K./Australia	230 V~, 50 Hz
Japan	100 V~, 50 - 60 Hz
General export model	120/230 V~, 50 - 60 Hz
Power consumption	32 W
Fuse	100 - 120 V~: T 1 A H 200 - 240 V~: T 500 mA H
Mains connection	Standard IEC receptacle

DIMENSIONS/WEIGHT

Dimensions (H x W x D)	approx. 4 1/10" (104.3 mm) x 12 1/20" (320 mm) x 14 3/5" (370.8 mm)
Weight	approx. 3.9 kg (8 1/2 lbs.)

BEHRINGER continuously strives to assure the highest quality standards possible. Required modifications may be implemented without prior notice. Technical data and the appearance of the unit may deviate from the above values and/or illustrations.

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