

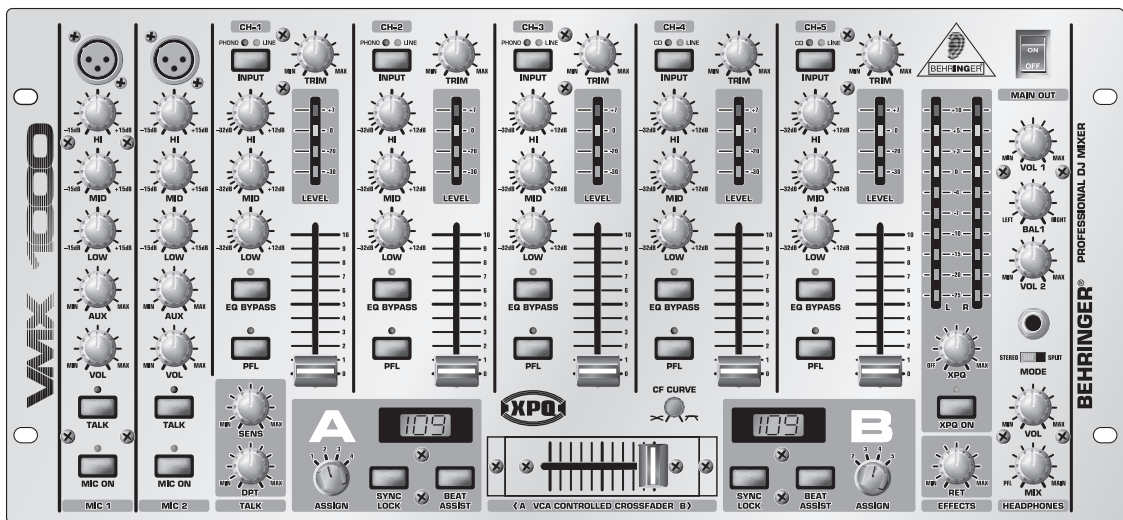
VMX1000

PRO MIXER

Technical Specifications

Version 1.0 August 2003

ENGLISH



PRO MIXER

Professional 7-Channel Rack-Mount DJ Mixer with BPM Counter

- ▲ Professional 7-channel ultra low-noise DJ mixer with state-of-the-art phono preamps
- ▲ Intelligent dual auto-BPM counter
- ▲ Super-smooth ULTRAGLIDE faders with up to 500,000 life cycles
- ▲ Awesome 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) with EQ on/off switch on stereo channels, gain control and precise level meters per channel
- ▲ Monitor function with PFL/main balance control and split option
- ▲ Auto-talkover function with separate depth and sensitivity control
- ▲ Subwoofer output with adjustable x-over frequency and level control for separate bass amplification
- ▲ Balanced main and additional zone outputs
- ▲ 5 dual input stereo channels, 2 ULN microphone channels with "MIC ON" switch and effects send facility
- ▲ Dedicated FX loop for connecting external devices (sampler, effects processor etc.)
- ▲ Phono inputs on channels 1 - 3 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
- ▲ Designed in Germany. Manufactured under ISO9000 certified management system



SPECIFICATIONS

AUDIO INPUTS

Mic In	40 dB gain, XLR, electronically balanced input stage
Phono In	40 dB gain, unbalanced input
Line In	-17 to +4 dB gain, unbalanced inputs
Return	0 dB gain, unbalanced
Mic Aux Return	3 dB gain, unbalanced

AUDIO OUTPUTS

Main Out	max. 25 dBu @ 1 kHz, XLR electronically balanced
Main 2 Out	Max. 21 dBu @ 1 kHz unbalanced
Tape Out	typ. 0 dBu
Send	typ. 0 dBu
Mic Aux Send	-∞ to +6 dBu
Phones Out	max. 180 mW @ 75 Ω

SUBWOOFER

Subwoofer Out	XLR, electronically balanced
X-Over	variable 30 Hz - 200 Hz
Level	-∞ to 0 dBu @ 0 dB input

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

SYSTEM SPECIFICATIONS

Signal-to-noise ratio	> 80 dB (line)
Crosstalk	< -70 dB (line)
Distortion (THD)	< 0.05%
Frequency response	10 Hz - 65 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	22 Watt
Fuse	100 - 120 V~: T 500 mA H 200 - 240 V~: T 250 mA H
Mains connection	Standard IEC receptacle

DIMENSIONS/WEIGHT

Dimensions (H x W x D)	107 mm (4 3/16") x 483 mm (19") x 223 mm (8 3/4")
Weight	3.6 kg (7 lb. 14 oz.)

BEHRINGER makes every effort to ensure the highest standard of quality. Necessary modifications are carried out without notice. Thus, the specifications and design of the device may differ from the information given in this manual.

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