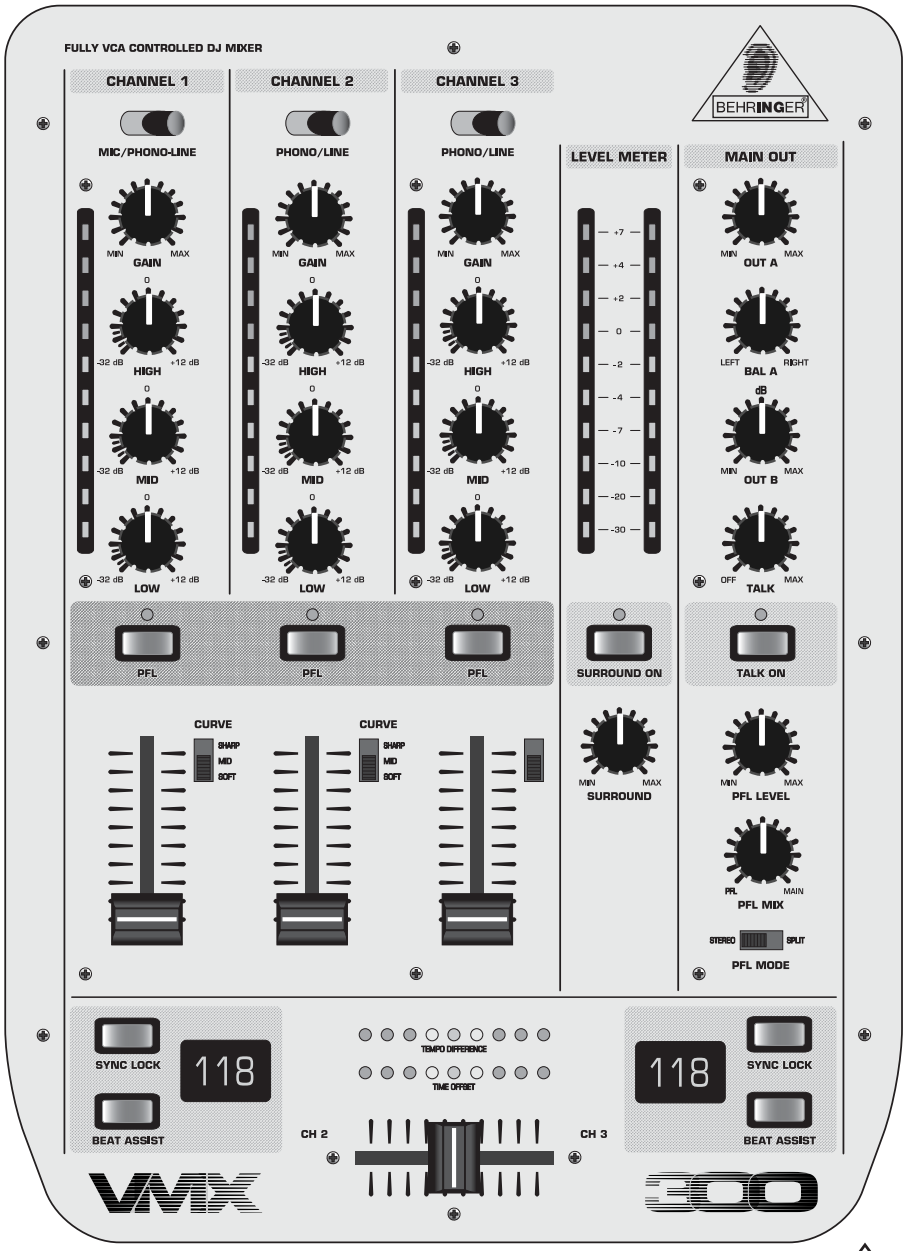
VMX300

PRO MIXER

ENGLISH

Technical Specifications

Version 1.1 September 2002



BEHRINGER®

www.behringer.com

PRO MIXER

Professional 3-channel ultra low-noise DJ mixer

- ▲ Intelligent dual auto-BPM counter with time and beat sync display
- ▲ Super-smooth Ultraglide faders with up to 500,000 life cycles
- ▲ Awesome QRS 3D surround effect
- ▲ Dedicated curve control for all faders
- ▲ VCA engines for utmost reliability and smooth audio performance
- ▲ Extremely steep frequency separation via front-panel 3-way kill switches with revolutionary keyboard-like tap & hold action
- ▲ Gain and 3-band kill EQ (-32 dB) per channel
- ▲ Precise level meters with peak hold function per channel
- ▲ Crossfader reverse switch
- ▲ Auto-talkover function with separate depth control
- ▲ Extremely low-noise ULN-(Ultra-Low Noise) design, like those on professional studio consoles
- ▲ Gold-plated cinch sockets for excellent audio qualities
- ▲ Super-rugged construction ensures long life, even under the most demanding conditions
- ▲ Manufactured under ISO9000 certified management system

VMX300

SPECIFICATIONS

AUDIO INPUTS

Mic input	46 dB gain, servo-balanced
Phono inputs 1, 2 and 3	40 dB gain @ 1 kHz, unbalanced
Line inputs 1, 2 and 3	0 dB gain, unbalanced
Return	0 dB gain, unbalanced

AUDIO OUTPUTS

Main Out	max. +21 dBu @ +5 dBU (Line In)
Booth Out	max. +13 dBu
Tape Out	typically 0 dBu
Send	typically 0 dBu
Headphones	typically 125mW @ 1 % THD

EQUALIZER (+/-8 dB)

Stereo Low	+12 dB/-32 dB @ 50 Hz
Stereo Mid	+12 dB/-32 dB @ 1,2 Hz
Stereo High	+12 dB/-32 dB @ 10 kHz
Kill Low	-54 dB @ 50 Hz
Kill Mid	-44 dB @ 1 kHz
Kill High	-26 dB @ 10 kHz

GENERAL

Signal-to-noise ratio (S/N)	> 85 dB (Line)
Crosstalk	> 77 dB (Line)
Distortion (THD)	< 0,05%
Frequency response	20 Hz - 20 kHz
Input gain adjustment	-20 dB - +9 dB

POWER SUPPLY

AC voltage	USA/Canada	120 V ~, 60 Hz, fuse **T 500 mA H**
	U.K./Australia	240 V ~, 50 Hz, fuse **T 315 mA H**
	Europe	230 V ~, 50 Hz, fuse **T 315 mA H**

DIMENSIONS AND WEIGHT

Dimensions (H x W x D)	approx. 3 1/2" (88 mm) x 9 1/2" (241 mm) x 13 1/10" (332 mm)
Weight	approx. 3.5 kg (7 lbs. 4 oz)

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BEHRINGER Spezielle Studiotechnik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany
Tel. +49 (0) 21 54 / 92 06-0, Fax +49 (0) 21 54 / 92 06-30