

PRO MIXER

VMX1000USB

VMX300USB

VMX200USB

VMX100USB

Specifications

Audio Inputs

VMX1000USB

Mic In	Balanced XLR, 40 dB gain
Phono In	Unbalanced RCA, 40 dB gain
Line In	Unbalanced RCA, 0 dB gain
Return	Unbalanced RCA, 0 dB gain
Mic Aux Return	¼" unbalanced, 3 dB gain

VMX300USB

Mic In	¼" TRS, 46 dB gain
Phono In	Unbalanced RCA, 40 dB gain
Line In	Unbalanced RCA, 0 dB gain
Return	Unbalanced RCA, 0 dB gain
Mic Aux Return	—

VMX200USB

Mic In	¼" TRS, 40 dB gain
Phono In	Unbalanced RCA, 40 dB gain
Line In	Unbalanced RCA, 0 dB gain
Return	Unbalanced RCA, 0 dB gain
Mic Aux Return	—

VMX100USB

Mic In	¼" TRS, 53 dB gain
Phono In	Unbalanced RCA, 40 dB gain
Line In	Unbalanced RCA, 0 dB gain
Return	—
Mic Aux Return	—

Audio Outputs

VMX1000USB

Main Out (A)	max. 25 dBu, balanced XLR
Main Out B	max. 21 dBu, unbalanced
Booth	—
Tape Out	typically 0 dBu
Send	—
Mic Aux Send	-∞ to +6 dBu
Phones Out	max. 180 mW @ 75 Ω

VMX300USB

Main Out (A)	max. +21 dBu @ +5 dBu (line in)
Main Out B	—
Booth	max. +13 dBu
Tape Out	typically 0 dBu
Send	—
Mic Aux Send	—
Phones Out	typically 125 mW @ 1% THD

VMX200USB

Main Out (A)	max. +21 dBu @ +10 dBu (line in)
Main Out B	—
Booth	—
Tape Out	typically 0 dBu
Send	typically 0 dBu
Mic Aux Send	—
Phones Out	typically 125 mW @ 1% THD

VMX100USB

Main Out (A)	max. +21 dBu @ +15 dBu (line in)
Main Out B	—
Booth	—
Tape Out	typically 0 dBu
Send	—
Mic Aux Send	—
Phones Out	typically 125 mW @ 1% THD

Subwoofer

VMX1000USB

Subwoofer Out	Balanced XLR
X-Over	Variable 30 - 200 Hz
Level	-∞ to 0 dBu @ 0 dB input

VMX300USB / VMX200USB / VMX100USB

Subwoofer Out	—
X-Over	—
Level	—

Equalizer

VMX1000USB

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

VMX300USB

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	+12/-12 dB @ 50 Hz
Mic Mid	—
Mic High	+15/-15 dB @ 12 kHz
Kill Low	-54 dB @ 50 Hz
Kill Mid	-44 dB @ 1 kHz
Kill High	-26 dB @ 10 kHz

VMX200USB

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	+12/-12 dB @ 50 Hz
Mic Mid	—
Mic High	+15/-15 dB @ 12 kHz
Kill Low	—
Kill Mid	—
Kill High	—

VMX100USB

Stereo Low	+12 dB/-32 dB @ 50 Hz
Stereo Mid	—
Stereo High	+12 dB/-32 dB @ 10 kHz
Mic Low	—
Mic Mid	—
Mic High	—
Kill Low	—
Kill Mid	—
Kill High	—

USB

VMX1000USB / VMX300USB / VMX200USB / VMX100USB

Audio	Stereo In/Out
Connector	Type B
Converter	16-bit
Sample rate	48 kHz

PRO MIXER

VMX1000USB

VMX300USB

VMX200USB

VMX100USB

System Specifications

VMX1000USB

Signal-to-noise ratio	>80 dB (line)
Crosstalk	<-70 dB (line)
Distortion (THD)	<0.05%
Frequency response	20 Hz - 20 kHz
Input gain adjustment	-20 dB - +9 dB

VMX300USB

Signal-to-noise ratio	>85 dB (line)
Crosstalk	>77 dB (line)
Distortion (THD)	<0.05%
Frequency response	20 Hz - 20 kHz
Input gain adjustment	-20 dB - +9 dB

VMX200USB

Signal-to-noise ratio	>86 dB (line)
Crosstalk	>77 dB (line)
Distortion (THD)	<0.06%
Frequency response	20 Hz - 20 kHz
Input gain adjustment	-20 dB - +9 dB

VMX100USB

Signal-to-noise ratio	>88 dB (line)
Crosstalk	>67 dB (line)
Distortion (THD)	<0.025%
Frequency response	20 Hz - 20 kHz
Input gain adjustment	-20 dB - +9 dB

Power Supply

VMX1000USB

Mains voltage	
USA/Canada	120 V~, 60 Hz
UK/EU	230 V~, 50 Hz
Japan	100 V~, 50-60 Hz
Power consumption	max. 22 W
Fuse	100-120 V~: T 500 mA L 200-240 V~: T 250 mA H
Mains connection	Standard IEC receptacle

VMX300USB

Mains voltage	
USA/Canada	120 V~, 60 Hz
UK/EU	230 V~, 50 Hz
Japan	100 V~, 50-60 Hz
Power consumption	max. 22 w
Fuse	100-120 V~: T 500 mA L 200-240 V~: T 315 mA L
Mains connection	Standard IEC receptacle

VMX200USB

Mains voltage	
USA/Canada	120 V~, 60 Hz
UK/EU	230 V~, 50 Hz
Japan	100 V~, 50-60 Hz
Power consumption	max. 13w
Fuse	100-120 V~: T 400 mA L 200-240 V~: T 250 mA L
Mains connection	Standard IEC receptacle

VMX100USB

Mains voltage	
USA/Canada	120 V~, 60 Hz
UK/EU	230 V~, 50 Hz
Japan	100 V~, 50-60 Hz
Power consumption	max. 10 W
Fuse	100-120 V~: T 160 mA L 200-240 V~: T 80 mA L
Mains connection	Standard IEC receptacle

Dimensions/Weight

VMX1000USB

Dimensions (H x W x D)	4 3/16 x 19 x 8 3/4" / 107 x 483 x 223 mm
Weight	3.6 kg / 7.9 lbs

VMX300USB

Dimensions (H x W x D)	3 1/2 x 9 1/2 x 13 1/16" / 88 x 241 x 332 mm
Weight	7.3 lbs / 3.5 kg

VMX200USB

Dimensions (H x W x D)	3 1/2 x 8 x 11" / 88 x 203x 280 mm
Weight	5.5 lbs / 2.5 kg

VMX100USB

Dimensions (H x W x D)	2 7/8 x 8 x 9" / 72 x 203 x 229 mm
Weight	4.4 lbs / 2 kg

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