

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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