DJ Mixers

PRO MIXER VMX1000USB VMX300USB / VMX200USB VMX100USB



VMX1000USB: Professional 7-Channel Rack-Mount DJ Mixer with USB/Audio Interface, BPM Counter and VCA Control

- Professional 7-channel ultra-low noise DJ mixer with state-of-the-art phono preamps
- Awesome XPQ stereo surround effect
- 3-band kill EQ (-32 dB) with EQ on/off switch on stereo channels, Gain control and precise level meter per channel
- Automatic talkover function with separate Depth and Sensitivity control
- Balanced Main and additional zone outputs
- Subwoofer output with adjustable x-over frequency and level control for separate bass amplification

VMX300USB: Professional 3-Channel DJ Mixer with USB/Audio Interface, BPM Counter and VCA Control

- Professional 3-channel ultra-low noise DJ mixer with state-of-the-art phono preamps
- Awesome XPQ 3D stereo surround effect
- 3-band kill EQ (-32 dB) and precise level meters with peak hold function
- Automatic talkover function with dedicated Depth control
- Microphone input with studio-grade ULN technology
- Professional Crossfader reverse switch
- Front-panel 3-way Kill switches with revolutionary keyboard-like tap and hold action

The VMX1000USB, VMX300USB, VMX200USB and VMX100USB DJ Mixers are built to connect directly to your computer and take your music straight into the digital realm. In an instant, these mixers allow you to record and play any digital music file with your PC or Mac computer with no setup drivers required! You also get a massive software bundle to transform your computer into a full-fledged music production and editing studio.

Live Large With More Mediums!

Like the trusty DJ mixers of yore, the latest VMX series features many RCA inputs for mixing up your favorite vinyl cuts via turntables or feeding signal from tape or CD players. They also feature mic inputs for announcements, an impromptu rap, or any other vocal nuance. But this new generation's USB connectivity enables you to access your MP3 library or digitize your own creative mix, putting it directly onto your computer. If it can be clicked, spun or spoken, the new VMX USB series can mix it!

A VMX For All DJ's

Whether you're a stunt DJ throwing multiple elements into the mix, or keeping it real simple, there is a USB-ready VMX mixer for you. The VMX1000USB packs an ample 7 channels, the VMX300USB has three and the VMX200USB and VMX100USB each have two channels. They all feature super-smooth ULTRAGLIDE faders

Continued on next page



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VMX1000USB
VMX300USB
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VMX100USB

VMX200USB: Professional 2-Channel DJ Mixer with USB/Audio Interface, BPM Counter and VCA Control

- Professional 2-channel ultra-low noise DJ mixer with state-of-the-art phono preamps
- Awesome XPQ 3D surround effect
- 3-band kill EQ (-32 dB) and precise level meters with peak hold function
- Automatic talkover function with dedicated Depth control
- Microphone input with studio-grade ULN technology
- Professional Crossfader reverse switch

VMX100USB: Professional 2-Channel DJ Mixer with USB/Audio Interface, BPM Counter and VCA Control

- Professional 2-channel ultra-low noise DJ mixer with state-of-the-art phono preamps
- 2-band kill EQ (-32 dB) and precise level meters with peak hold function
- Microphone input with studio-grade ULN technology

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with up to 500,000 life cycles and a VCA-controlled crossfader for utmost reliability and smooth audio performance. Their adjustable crossfader curves let you quickly adapt to various mixing styles.

The VMX1000USB, VMX300USB and VMX200USB all feature BEHRINGER's awesome XPQ stereo surround effect will give your mix an unmistakable finishing touch. These three models also give you a 3-band kill EQ, Gain control and precise level meter per channel. The VMX1000USB additionally has an EQ on/off switch on stereo channels. There is also a monitor function with PFL/main balance control & split option and auto-talkover function with separate depth and sensitivity control. Meanwhile, the VMX100USB features the most simplified controls, with a 2-band EQ and level meter for MAIN output.

For the DJ in need of mammoth bass, the VMX1000USB features a subwoofer output with adjustable x-over frequency and level control, perfect for putting some extra punch to your dance numbers. And you will never run out of connectivity options with the balanced MAIN and additional zone OUTPUTS.

Get In-Sync!

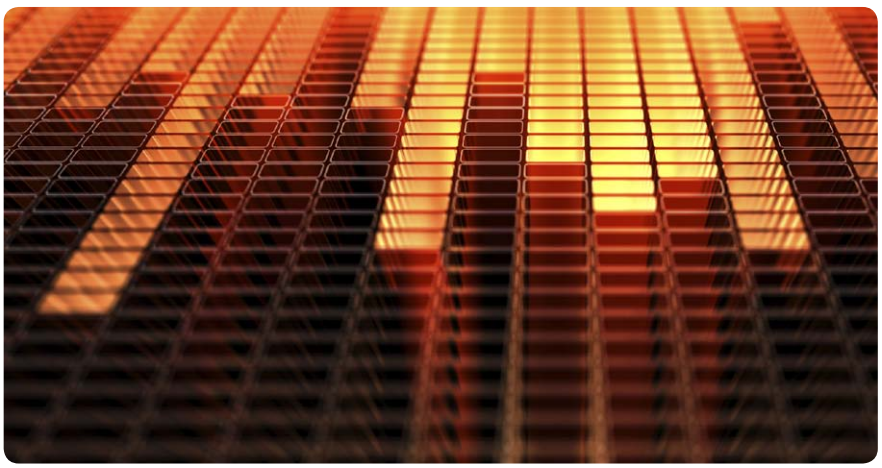
The built-in beat counter is an extremely useful feature, allowing smooth crossfades between two tracks—an important key to the success of your performance. The beat counter analyzes and displays the tempi of your tracks in BPM (Beats Per Minute). The beat counter sections of channels 1 and 2 are identical, with the tempo of each track shown in the respective channel's display.

In the case of multiple tempo changes, the beat counter would normally change continuously, causing confusion and rendering the function virtually useless. But thanks to VMX's SYNC LOCK button, you can limit the range of possible tempo values within a given song. Pressing this button once allows the counter to lock onto and display a more realistic value. Additionally, the BEAT ASSIST button allows you to set the beat counter's tempo manually, similar to "tap tempo" function. Pressing the button three times in time with the track will set the beat counter and its display at the desired tempo.

The BEAT ASSIST and SYNC LOCK buttons are each equipped with an LED that shows which function is activated. Once the tempo of the two tracks has been determined and locked with the SYNC LOCK or BEAT ASSIST buttons, the tempo difference between the two crossfader-assigned sources is displayed via the 9-segment TEMPO DIFFERENCE LED display (not available on VMX1000USB). When the center LED is lit, the tracks are in perfectly in sync; when the display moves to the left or right, the corresponding channel is running out of sync. It just doesn't get much easier than this!

Value

When you hook up with a VMX mixer with USB connectivity, you're adding the ultimate modern touches to your rig at a price that will leave you with cash to spare. Their superior build quality and rugged components mean these mixers will serve you well for years to come. Drop in at your nearest BEHRINGER dealer and find out why so many DJs are making magic with BEHRINGER.

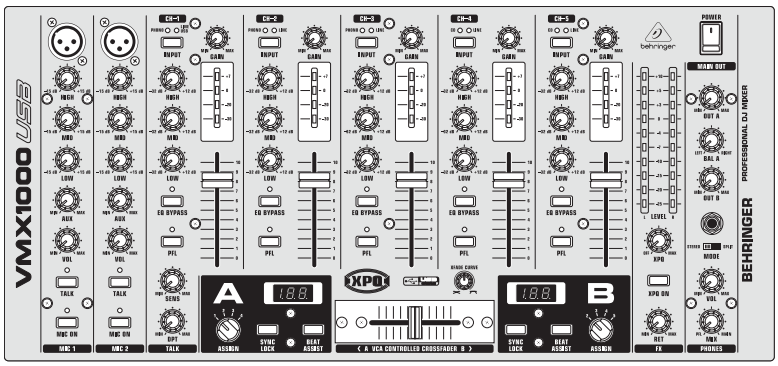


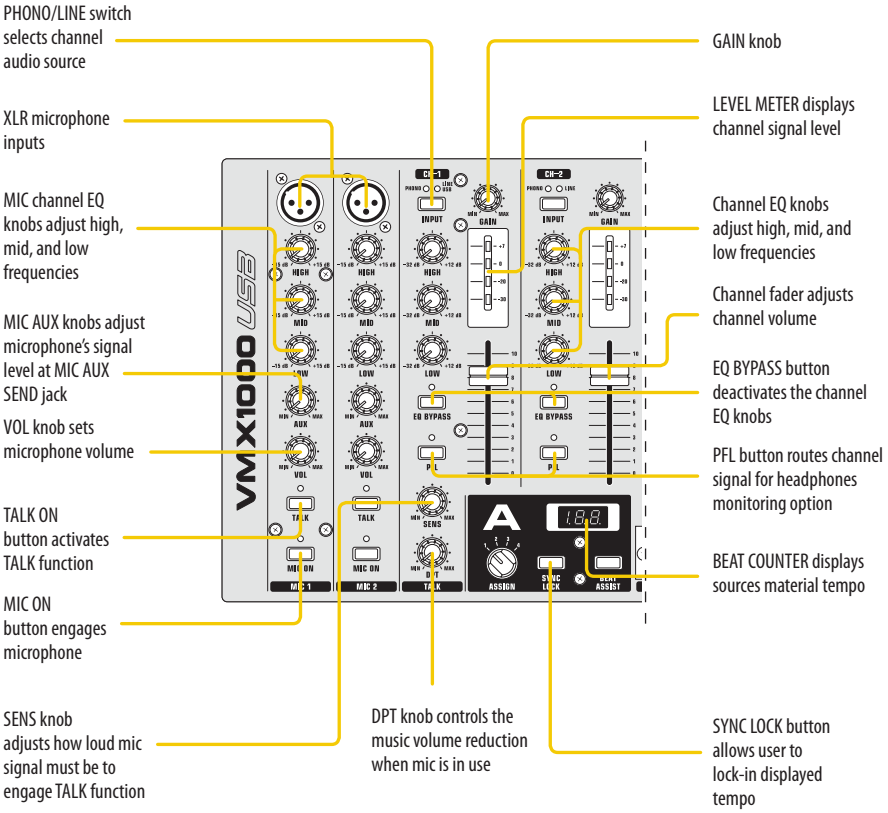
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Common features

- Built-in USB interface for recording and playback of any digital music file. Works with your PC or Mac computer—no setup or drivers required
- Massive software bundle including Audacity vinyl restoration and recording, Podifier and Golden Ear podcasting software downloadable at behringer.com
- Intelligent, dual BPM counter with time and beat sync display
- Super-smooth, long-life ULTRAGLIDE faders (up to 500,000 cycles)
- VCA-controlled crossfader for utmost reliability and smooth audio performance
- Adjustable crossfader curve for all mixing styles
- Monitor function with PFL/main balance control and Split option (not available on VMX100usb)
- Gold-plated RCA connectors for highest signal integrity
- High-quality components and exceptionally rugged construction ensure long life
- Conceived and designed by BEHRINGER Germany

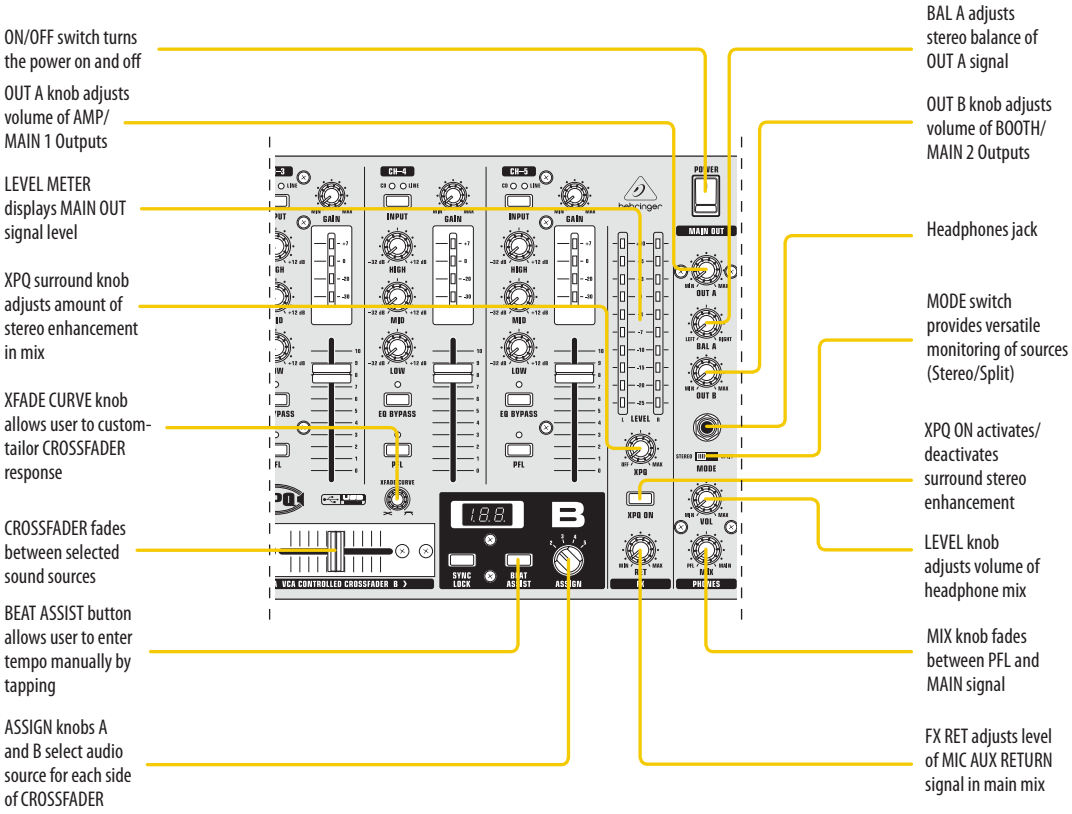
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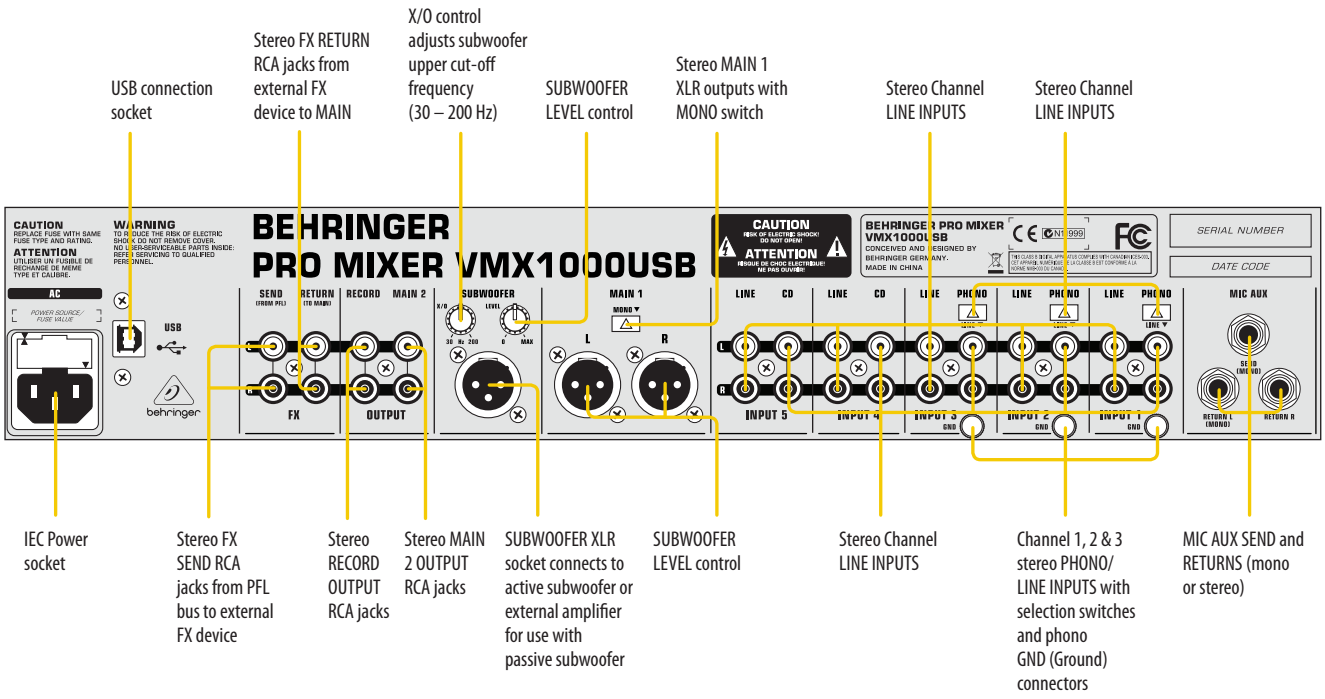




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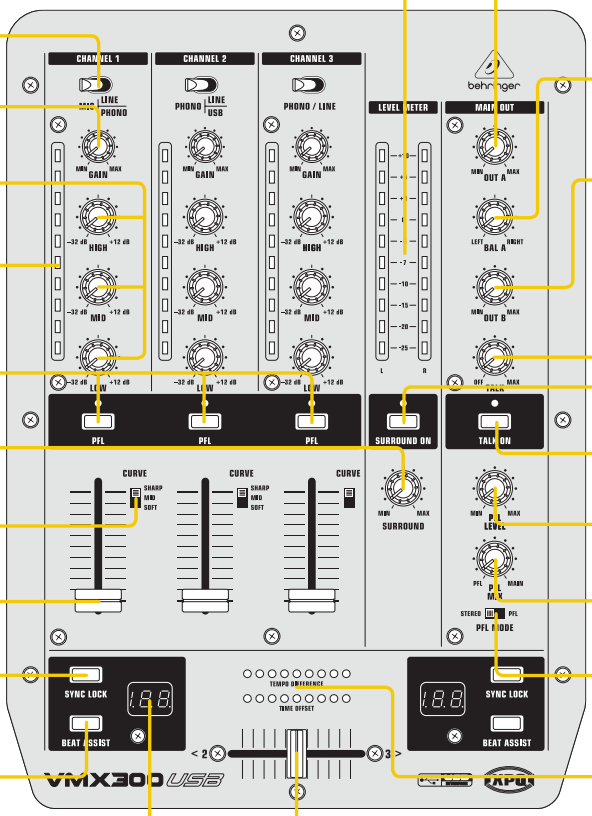
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VMX300USB



LEVEL LEDs display Main output

Input switch selects channel audio source

GAIN knob

EQ knobs adjust high, mid and low frequencies

LEVEL METER displays channel source signal level

Press to send signal to PFL monitoring

XPQ SURROUND knob adjusts amount of stereo enhancement in mix

CURVE switch provides choice of three fade modes (Soft, Mid & Sharp)

Fader adjusts channel volume

SYNC LOCK button allows user to lock-in displayed tempo

BEAT ASSIST button allows user to enter tempo manually by tapping

BEAT COUNTER displays sources material tempo

OUT A knob adjusts volume of AMP/MAIN 1 Outputs

BAL A adjusts stereo balance of OUT A signal

OUT B knob adjusts volume of BOOTH/ MAIN 2 Outputs

TALK knob adjusts music volume reduction when mic is in use

SURROUND ON switch activates XPQ function

TALK ON button activates TALK function

PFL LEVEL knob adjusts volume of headphone mix

PFL MIX knob fades between PFL and MAIN signal in phones

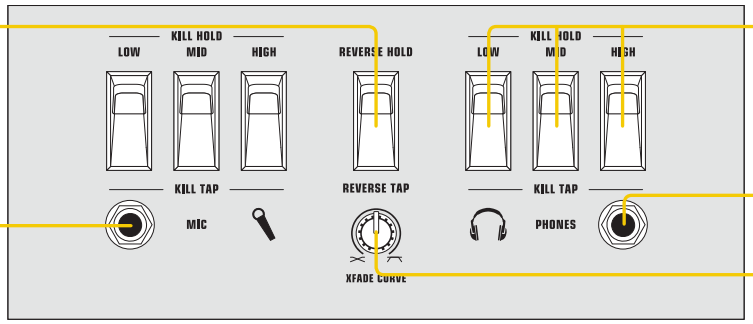
PFL MODE switch selects between Stereo and PFL monitoring

DIFFERENCE and TIME OFFSET LEDs indicate difference in tempo and beat synch between audio sources

CROSSFADER fades between sound sources

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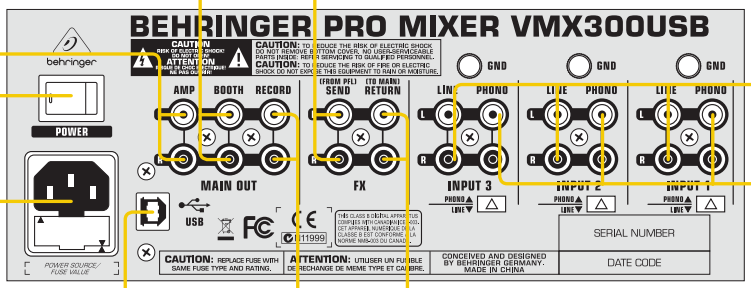
REVERSE HOLD/TAP switch inverts CROSSFADER for rapid switching between sources. Pressing switch down engages effect until released. Flipping switch up locks effect on

KILL HOLD/TAP switches cut high, mid and low frequencies by 32 dB. Pressing switch down engages effect until released. Flipping switch up locks effect on

MIC input ¼" balanced TRS

Stereo PHONES jack

XFADE CURVE knob allows user to custom-tailor CROSSFADER response



Stereo BOOTH MAIN OUT RCA jacks

Stereo FX SEND RCA jacks from PFL bus to external FX device

Stereo AMP MAIN OUT RCA jacks

Power switch

IEC Power socket

Stereo Channel LINE INPUTS

Channel 1, 2 & 3 stereo PHONO/LINE INPUTS with selection switches and phono GND (Ground) connectors

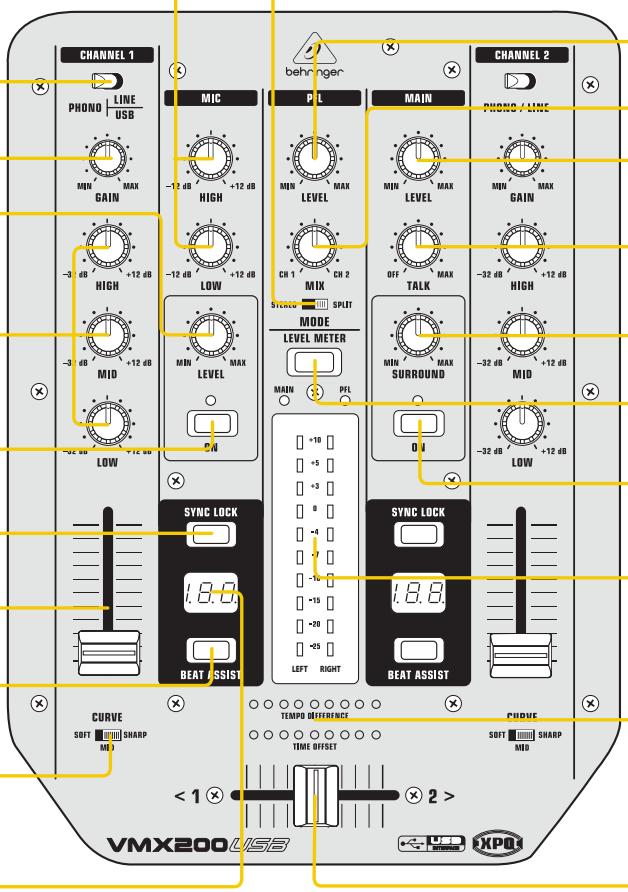
USB connection socket

Stereo RECORD OUT RCA jacks

Stereo FX RETURN RCA jacks from external FX device to MAIN

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VMX200USB



MIC EQ knobs adjust Low and High frequencies

Input switch selects audio source

Channel GAIN control

MIC GAIN control

Channel EQ knobs adjust Low, Mid and High frequencies

MIC on/off switch

SYNC LOCK button allows user to lock-in displayed tempo

Fader adjusts channel volume

BEAT ASSIST button allows user to enter tempo manually by tapping

CURVE switch provides choice of three fade modes (Soft, Mid & Sharp)

BEAT COUNTER displays source material tempo

MODE switch provides versatile monitoring of sources (Stereo/Split)

PFL LEVEL knob adjusts volume of headphone mix

PFL MIX knob fades between channels 1 and 2

MAIN LEVEL control

TALK knob adjusts music volume reduction when mic is in use

XPQ SURROUND knob adjusts amount of stereo enhancement in mix

LEVEL METER switch toggles between MAIN and PFL display

XPQ SURROUND ON switch activates XPQ function

LEVEL LEDs display selected output

DIFFERENCE and TIME OFFSET LEDs indicate difference in tempo and beat synch between audio sources

CROSSFADER fades between sound sources

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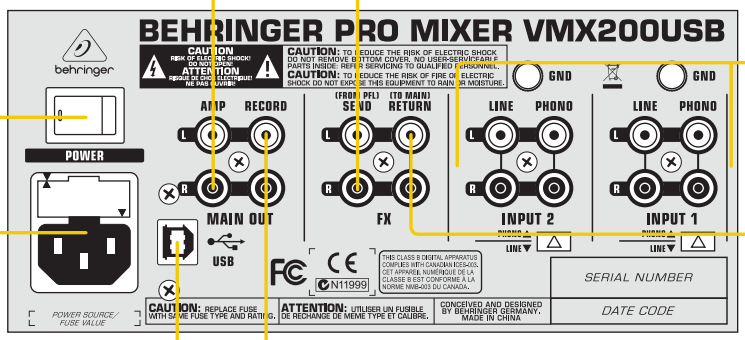


MIC input ¼" balanced TRS

Stereo PHONES jack

REVERSE HOLD/TAP switch inverts CROSSFADER for rapid switching between sources. Pressing switch down engages effect until released. Flipping switch up locks effect on

XFADE CURVE knob allows user to custom-tailor CROSSFADER response



Stereo AMP MAIN OUT RCA jacks

Power switch

IEC Power socket

USB connection socket

Stereo FX SEND RCA jacks from PFL bus to external FX device

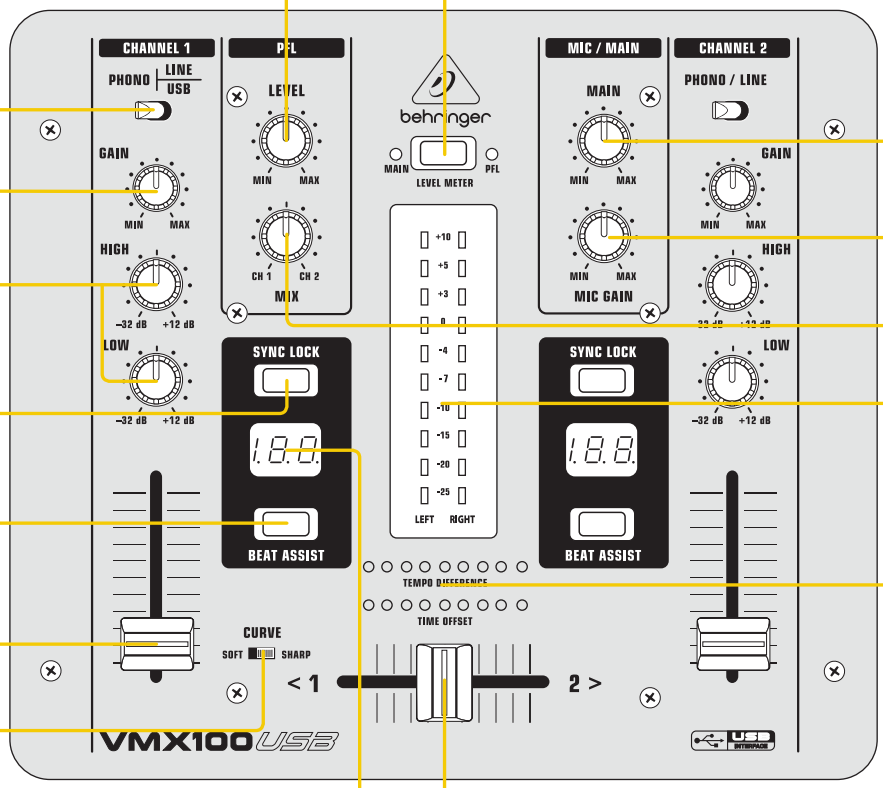
Channel 1 & 2 stereo PHONO/ LINE INPUTS with selection switches and phono GND (Ground) connectors

Stereo FX RETURN RCA jacks from external FX device to MAIN

Channel 1 & 2 stereo PHONO/ LINE INPUTS with selection switches and phono GND (Ground) connectors

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PFL LEVEL knob adjusts volume of headphone mix

Input switch selects audio source

Channel GAIN control

Channel EQ knobs adjust Low and High frequencies

SYNC LOCK button allows user to lock-in displayed tempo

BEAT ASSIST button allows user to enter tempo manually by tapping

Fader adjusts channel volume

CURVE switch sets how fast the fader volume change occurs

BEAT COUNTER displays source material tempo

LEVEL METER switch toggles between MAIN and PFL display

MAIN level control

MIC GAIN control

PFL MIX knob fades between channels 1 and 2

LEVEL LEDs display selected output

DIFFERENCE and TIME OFFSET LEDs indicate difference in tempo and beat synch between audio sources

CROSSFADER fades between sound sources

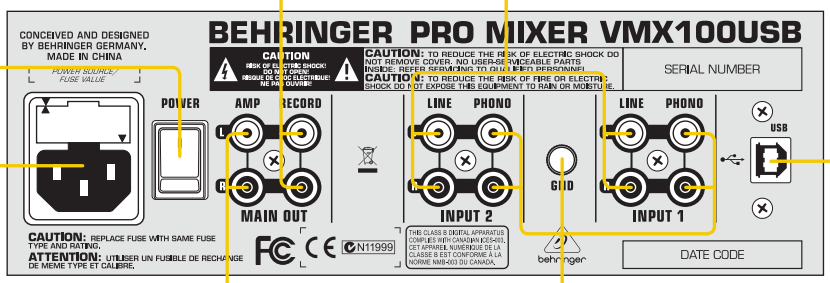
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MIC input ¼" balanced TRS

Stereo PHONES jack



Stereo RECORD OUT RCA jacks

Power switch

IEC Power socket

Stereo AMP MAIN OUT RCA jacks

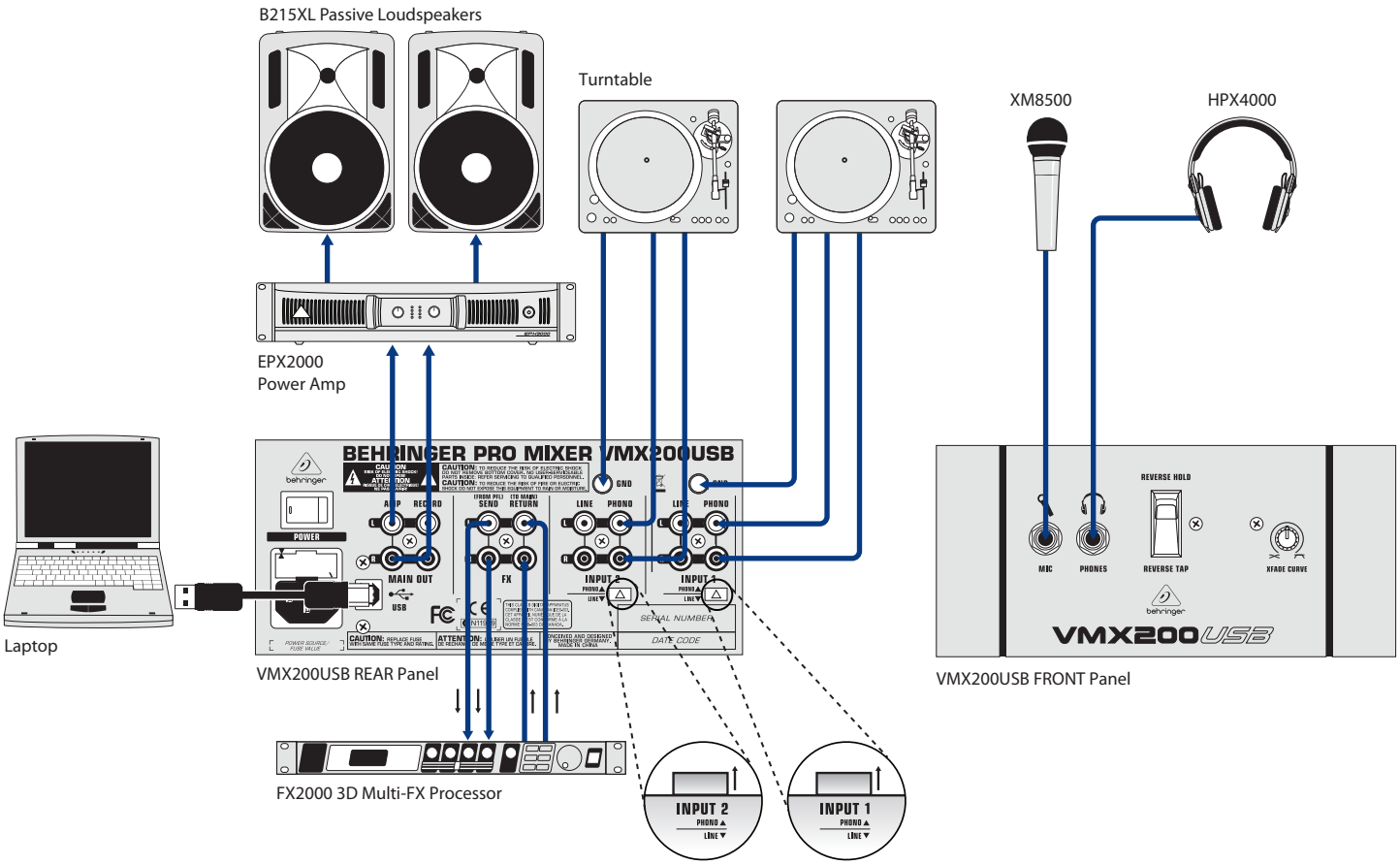
Stereo Channel LINE INPUTS

USB connection socket

Channel 1 & 2 stereo PHONO INPUTS and GND (Ground) connector

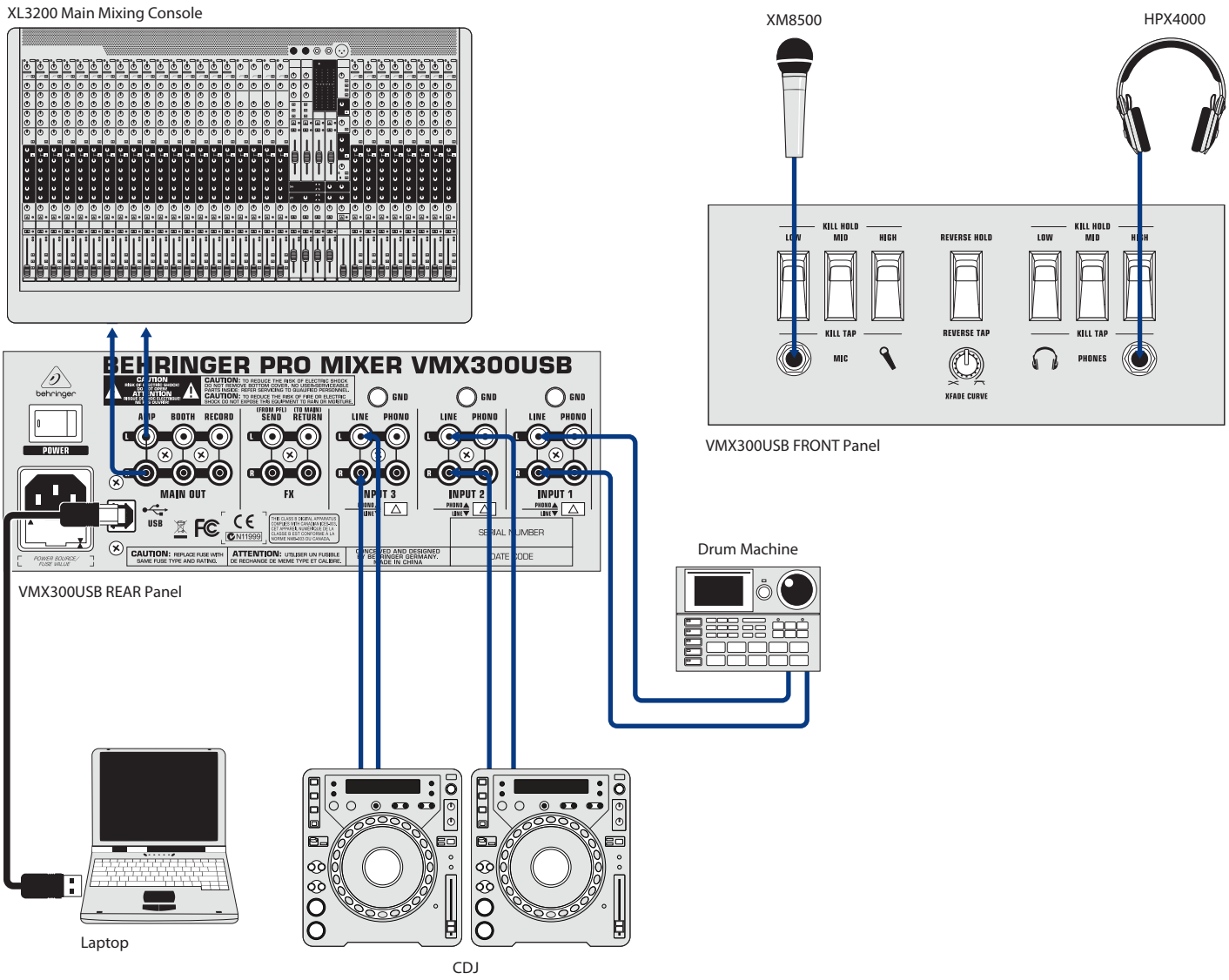
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VMX200USB – Standard DJ Hookup



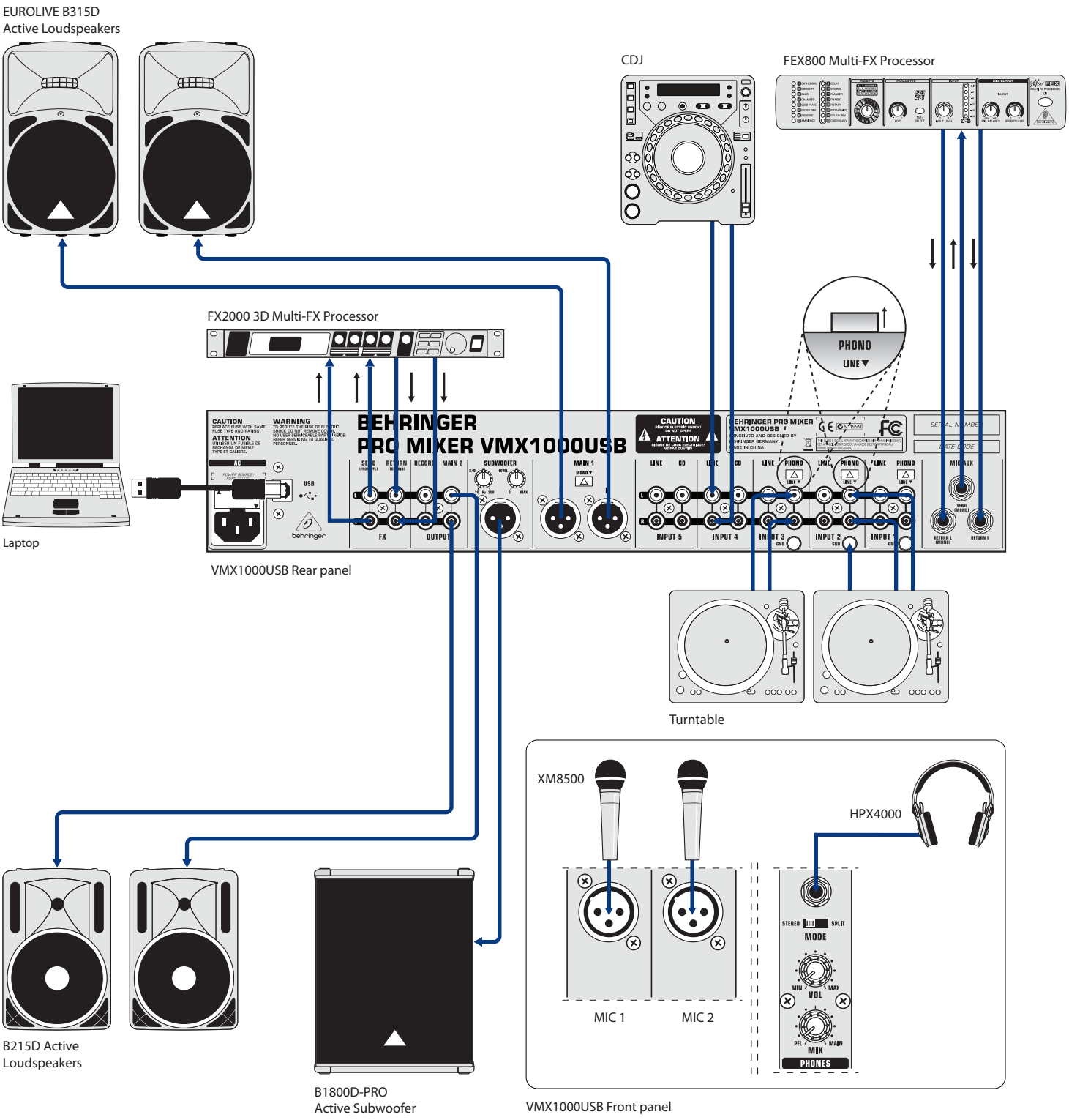
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VMX300USB – Large Club System Hookup



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VMX1000USB – Expanded Club Hookup



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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

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

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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 H 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 ½ x 9 ½ x 13 1⁄10" / 88 x 241 x 332 mm
Weight	7.3 lbs / 3.5 kg

VMX200USB

Dimensions (H x W x D)	3 ½ 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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