

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



PRO MIXER

VMX1000USB

VMX300USB

VMX200USB

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

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!

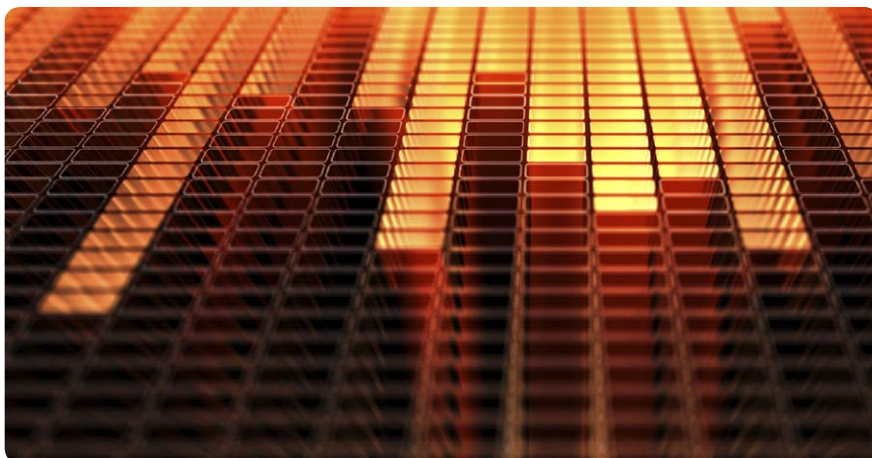
The built-in beat counter is an extremely useful feature, allowing smooth crossfades between two tracks—an important key to the success of your performance. The beat counter analyzes and displays the tempi of your tracks in BPM (Beats Per Minute). The beat counter sections of channels 1 and 2 are identical,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

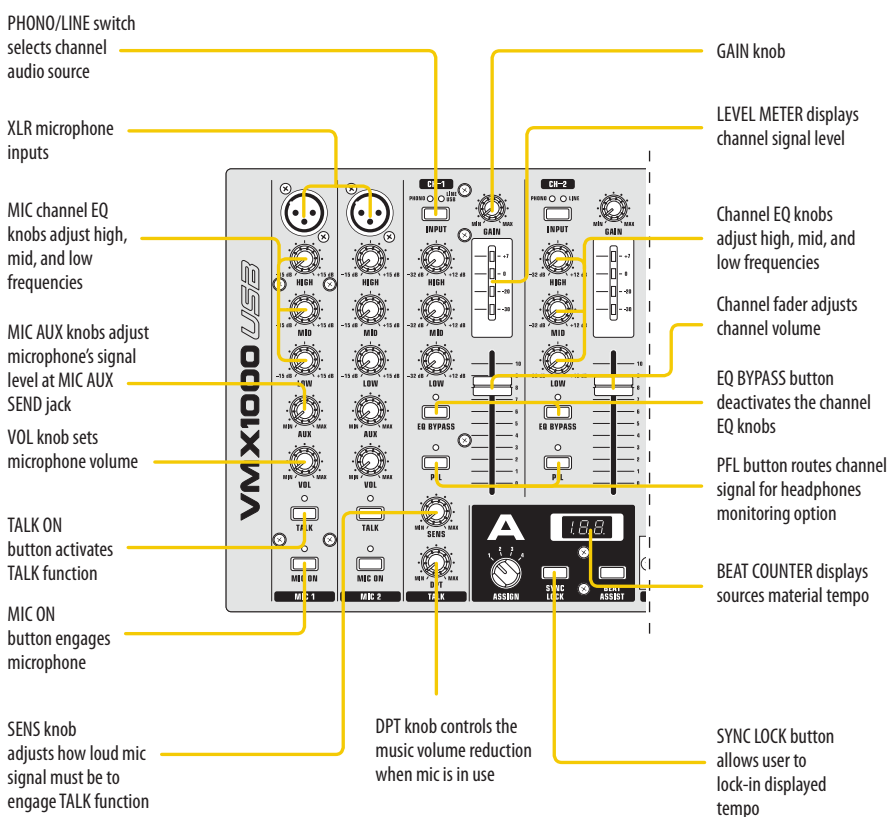
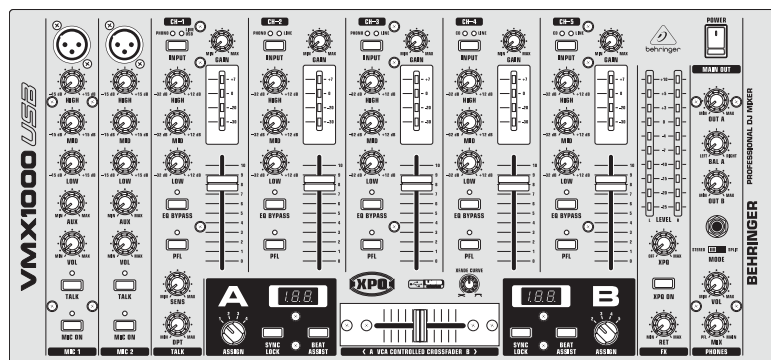


PRO MIXER VMX1000USB VMX300USB VMX200USB VMX100USB

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

VMX1000USB



PRO MIXER VMX1000USB VMX300USB VMX200USB VMX100USB

VMX1000USB

ON/OFF switch turns the power on and off

OUT A knob adjusts volume of AMP/MAIN 1 Outputs

LEVEL METER displays MAIN OUT signal level

XPQ surround knob adjusts amount of stereo enhancement in mix

XFADE CURVE knob allows user to custom-tailor CROSSFADER response

CROSSFADER fades between selected sound sources

BEAT ASSIST button allows user to enter tempo manually by tapping

ASSIGN knobs A and B select audio source for each side of CROSSFADER

BAL A adjusts stereo balance of OUT A signal

OUT B knob adjusts volume of BOOTH/MAIN 2 Outputs

Headphones jack

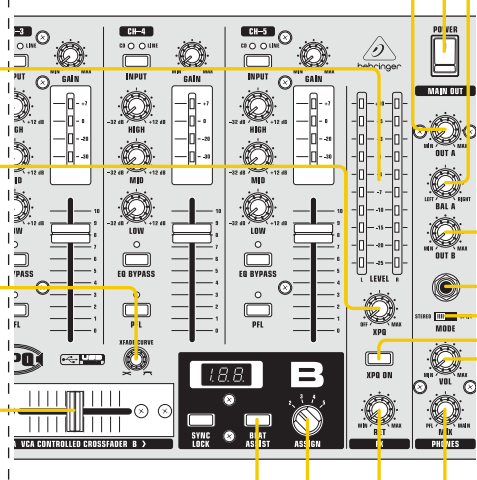
MODE switch provides versatile monitoring of sources (Stereo/Split)

XPQ ON activates/deactivates surround stereo enhancement

LEVEL knob adjusts volume of headphone mix

MIX knob fades between PFL and MAIN signal

FX RET adjusts level of MIC AUX RETURN signal in main mix



USB connection socket

Stereo FX RETURN RCA jacks from external FX device to MAIN

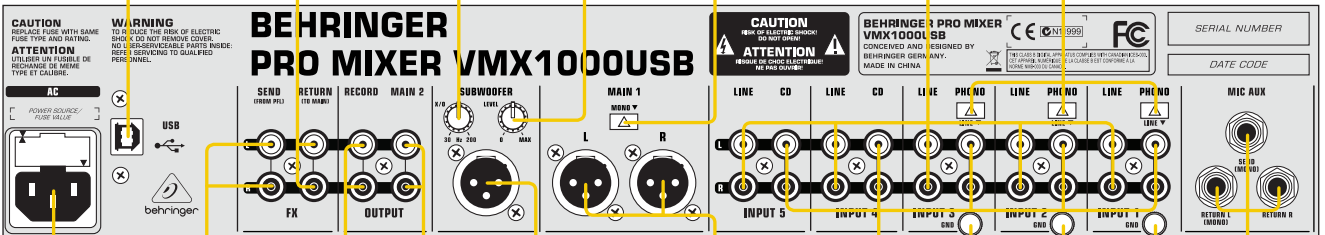
X/O control adjusts subwoofer upper cut-off frequency (30 – 200 Hz)

SUBWOOFER LEVEL control

Stereo MAIN 1 XLR outputs with MONO switch

Stereo Channel LINE INPUTS

Stereo Channel LINE INPUTS



IEC Power socket

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

Stereo RECORD OUTPUT RCA jacks

Stereo MAIN 2 OUTPUT RCA jacks

SUBWOOFER XLR socket connects to active subwoofer or external amplifier for use with passive subwoofer

SUBWOOFER LEVEL control

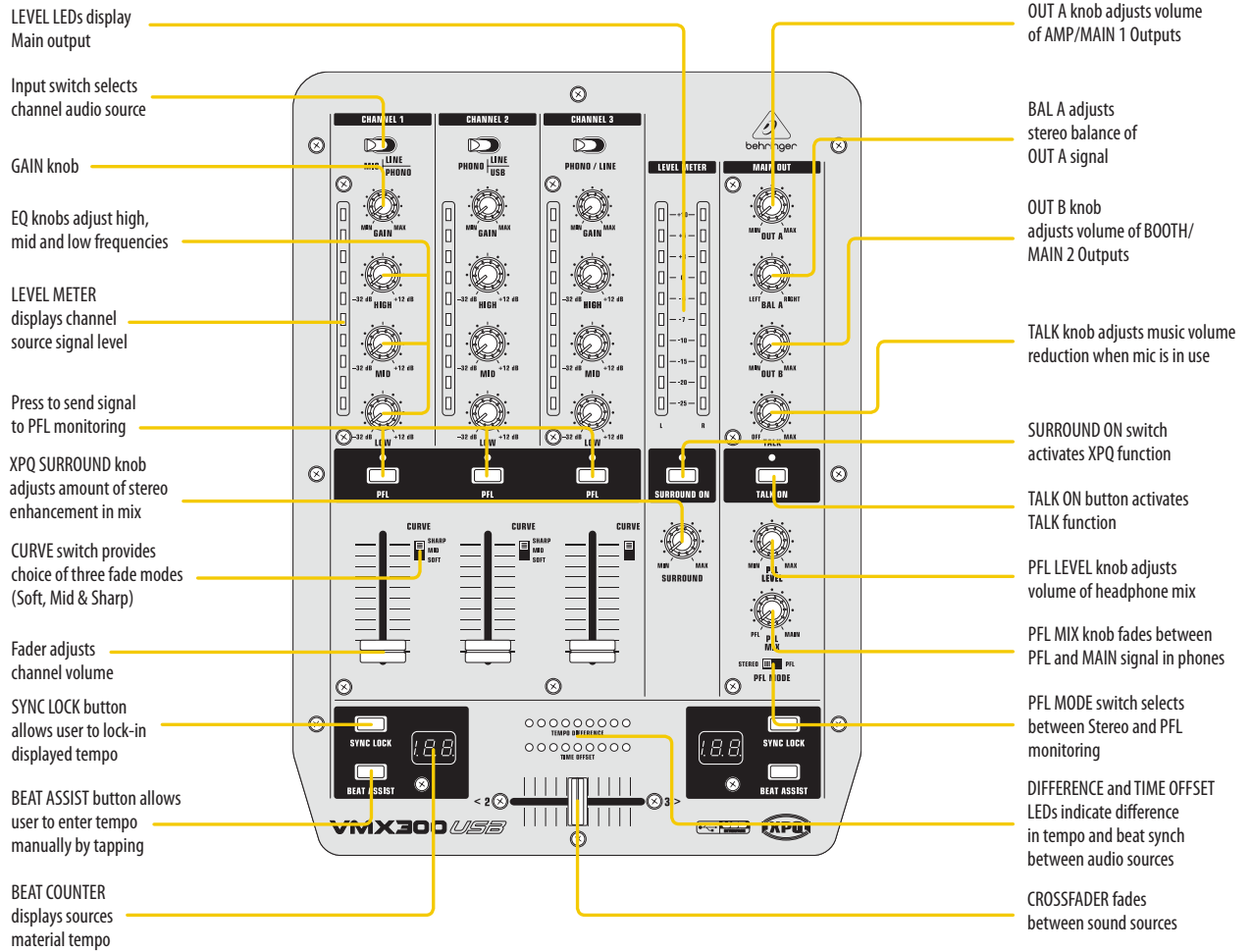
Stereo Channel LINE INPUTS

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

MIC AUX SEND and RETURNS (mono or stereo)

PRO MIXER VMX1000USB VMX300USB VMX200USB VMX100USB

VMX300USB

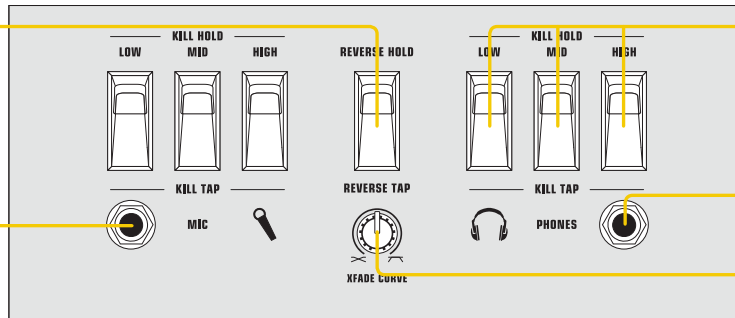


PRO MIXER VMX1000USB VMX300USB VMX200USB VMX100USB

VMX300USB

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

MIC input 1/4" balanced TRS



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

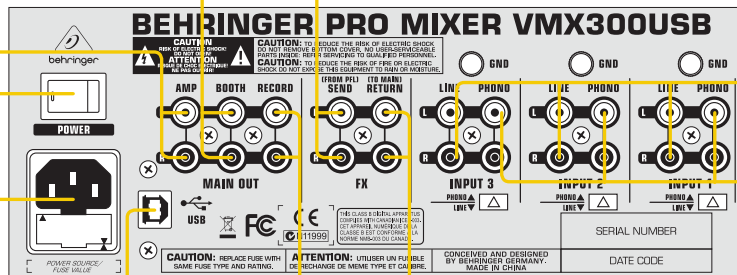
Stereo PHONES jack

XFADE CURVE knob allows user to custom-tailor CROSSFADER response

Stereo AMP MAIN OUT RCA jacks

Power switch

IEC Power socket



Stereo BOOTH MAIN OUT RCA jacks

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

Stereo Channel LINE INPUTS

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

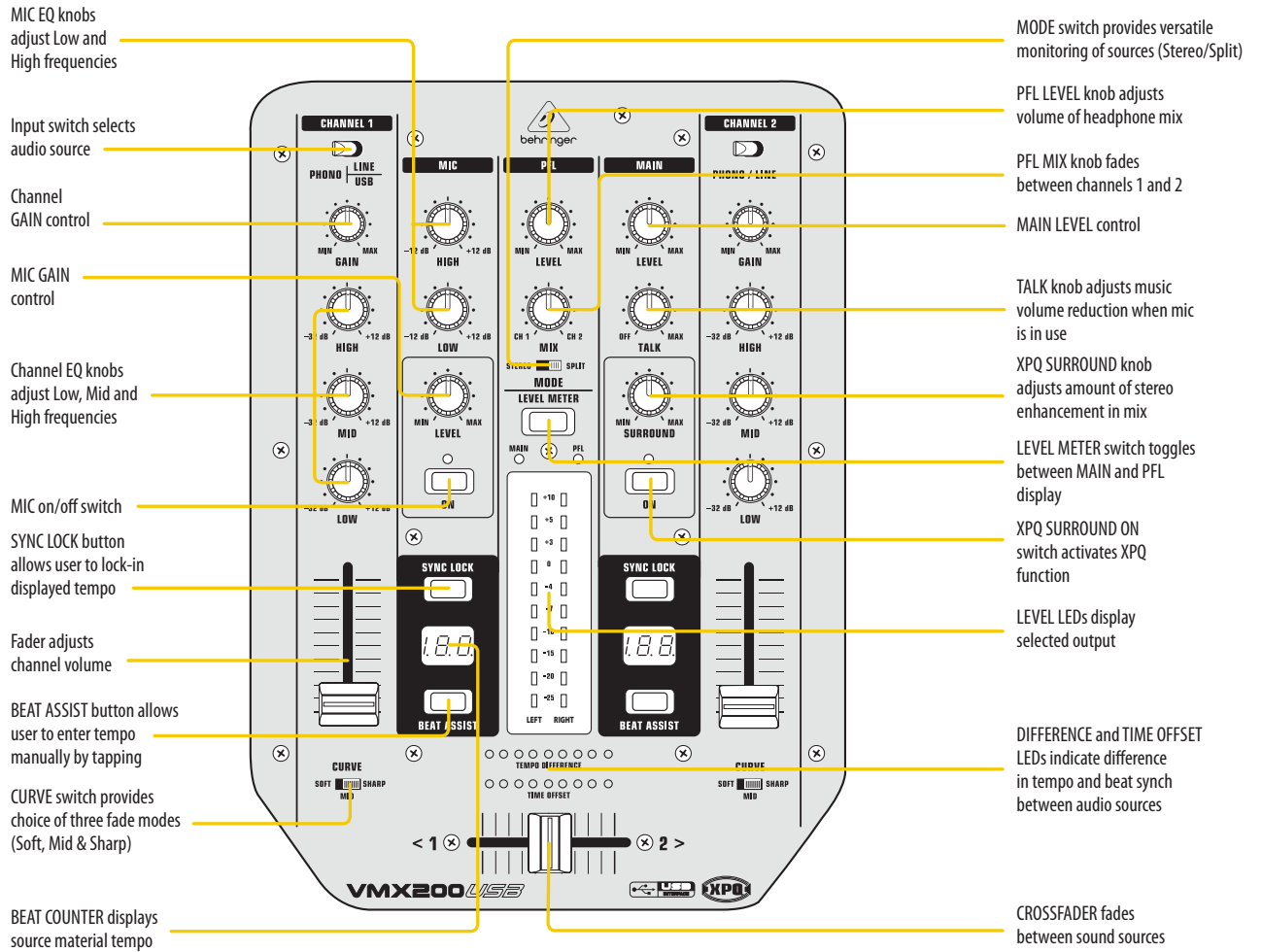
USB connection socket

Stereo RECORD OUT RCA jacks

Stereo FX RETURN RCA jacks from external FX device to MAIN

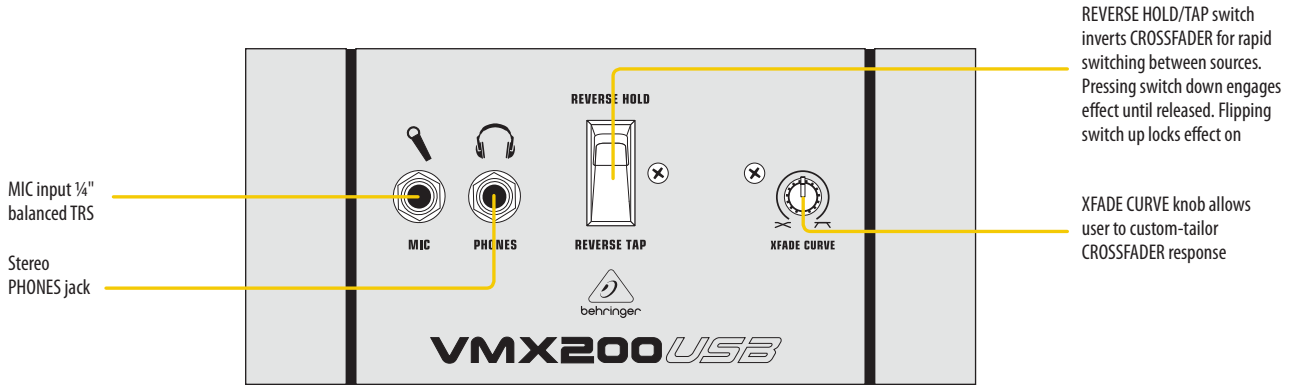
**PRO MIXER
VMX1000USB
VMX300USB
VMX200USB
VMX100USB**

VMX200USB



PRO MIXER VMX1000USB VMX300USB VMX200USB VMX100USB

VMX200USB



PRO MIXER VMX1000USB VMX300USB VMX200USB VMX100USB

VMX100USB

PFL LEVEL knob
adjusts volume of
headphone mix

Input switch selects
audio source

Channel GAIN
control

Channel EQ knobs
adjust Low and
High frequencies

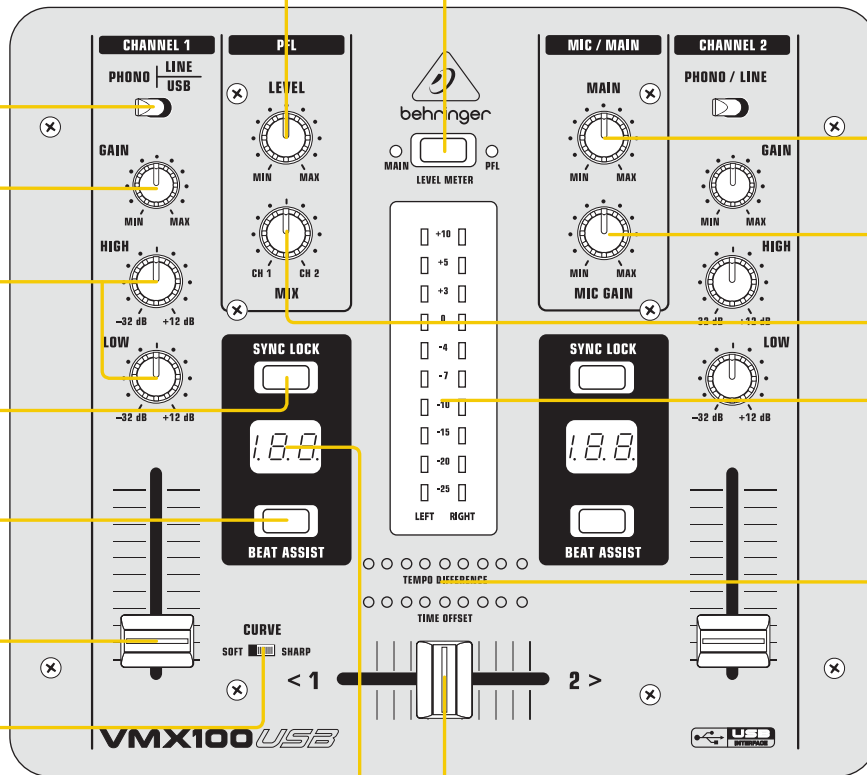
SYNC LOCK button
allows user to lock-in
displayed tempo

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

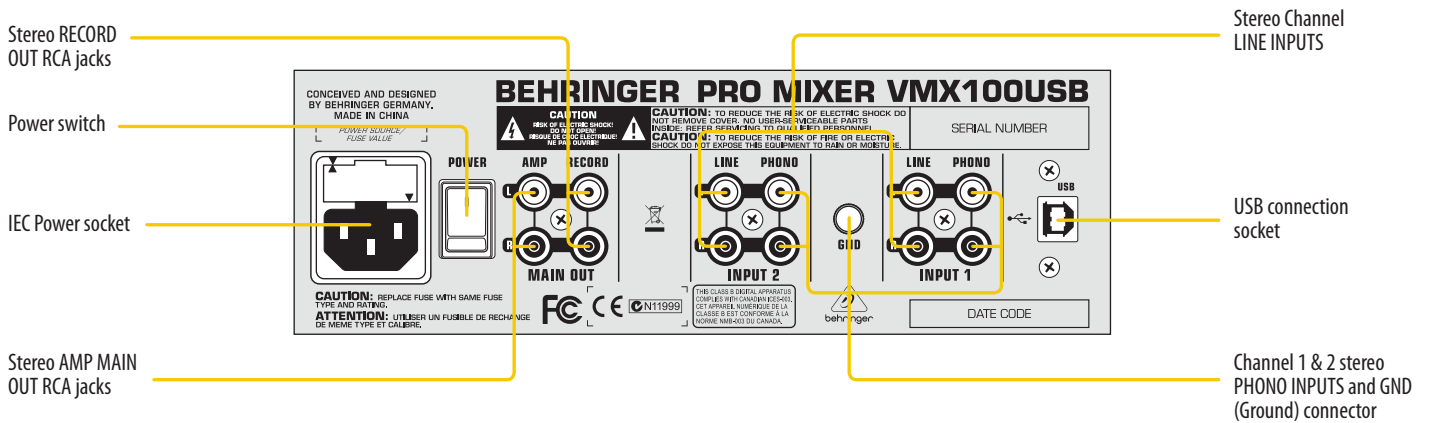
LEVEL LEDs display
selected output

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

CROSSFADER fades
between sound sources

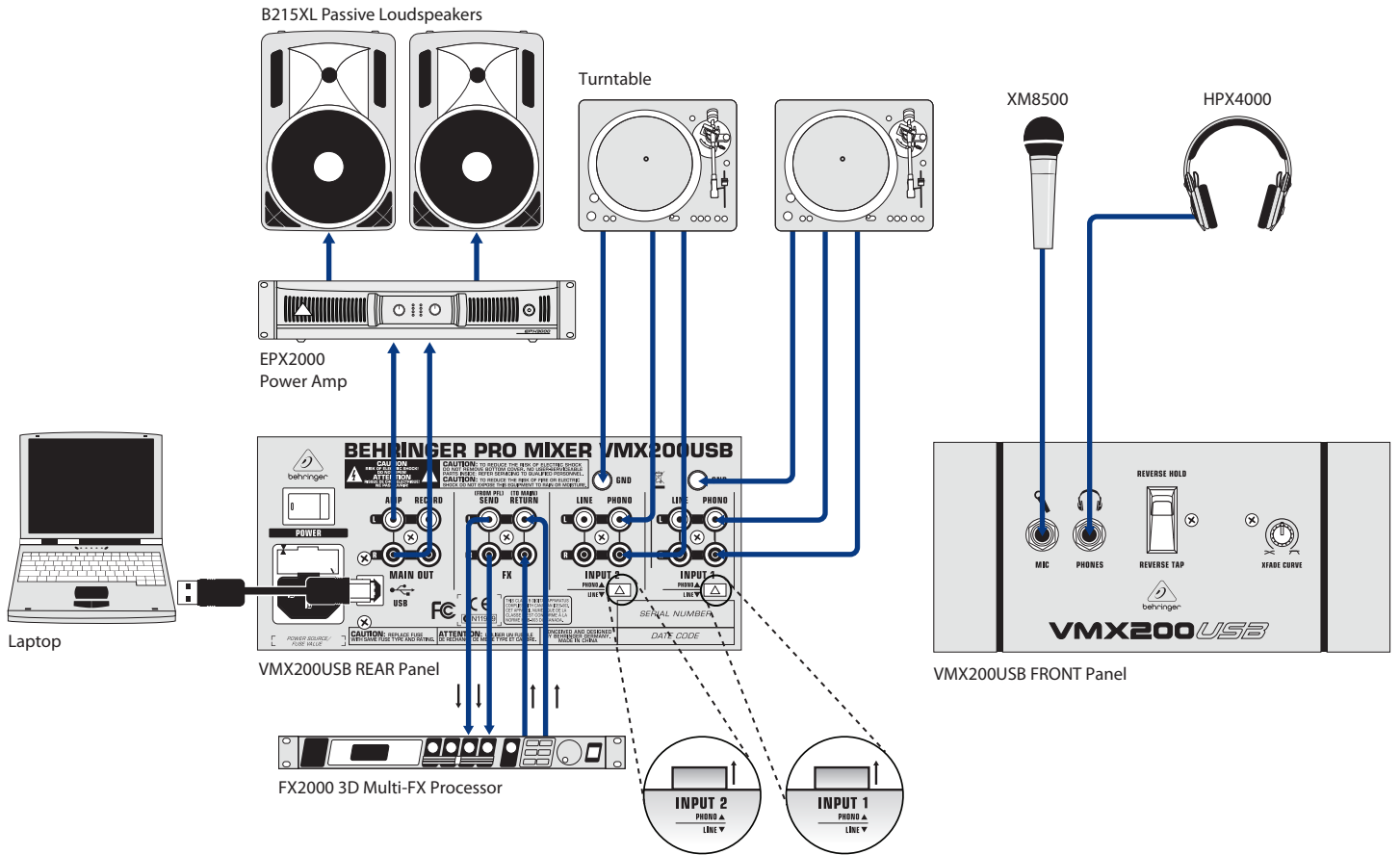
PRO MIXER
VMX1000USB
VMX300USB
VMX200USB
VMX100USB

VMX100USB



**PRO MIXER
VMX1000USB
VMX300USB
VMX200USB
VMX100USB**

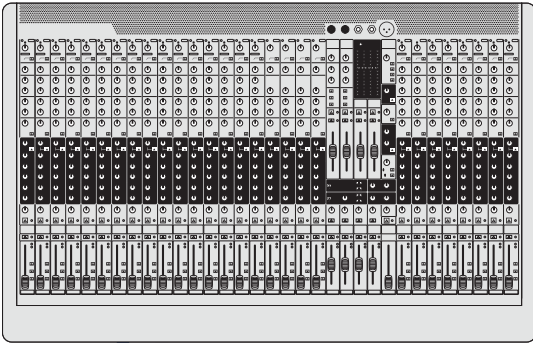
VMX200USB – Standard DJ Hookup



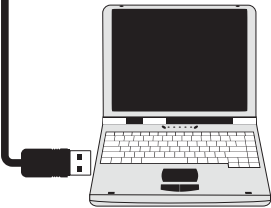
PRO MIXER
VMX1000USB
VMX300USB
VMX200USB
VMX100USB

VMX300USB – Large Club System Hookup

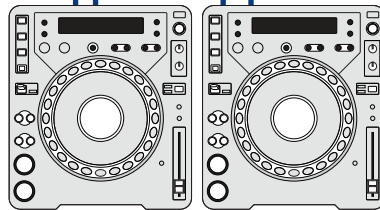
XL3200 Main Mixing Console



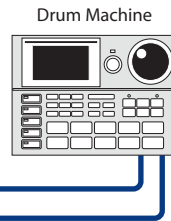
VMX300USB REAR Panel



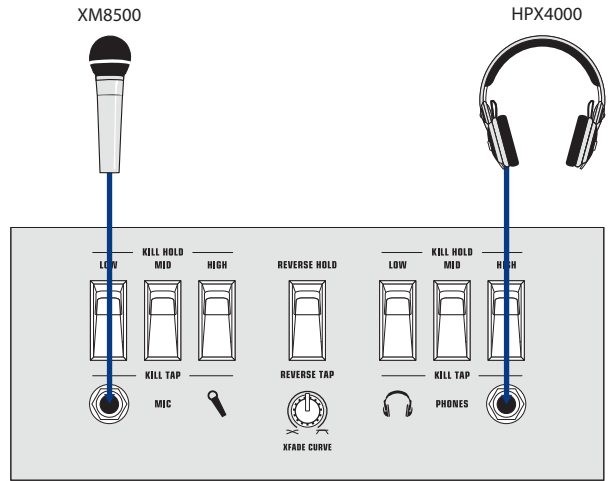
Laptop



CDJ



Drum Machine

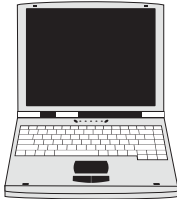
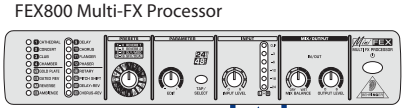
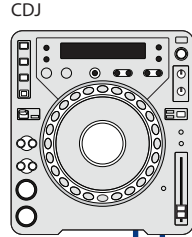
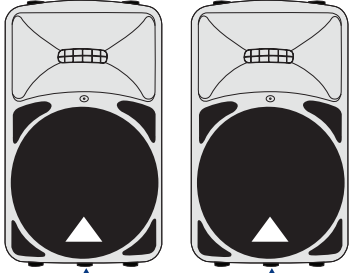


VMX300USB FRONT Panel

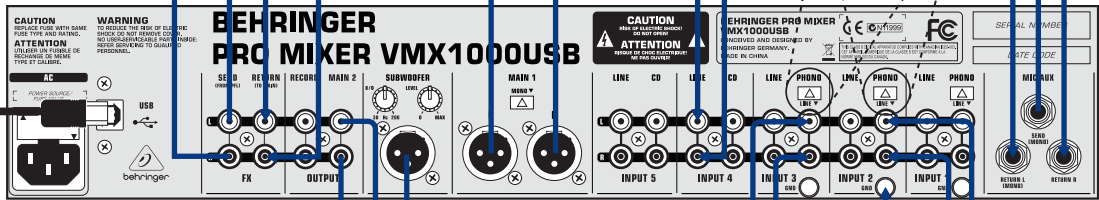
PRO MIXER VMX1000USB VMX300USB VMX200USB VMX100USB

VMX1000USB – Expanded Club Hookup

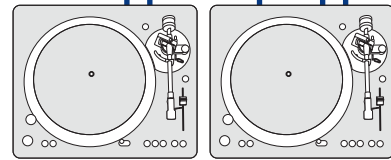
EUROLIVE B315D
Active Loudspeakers



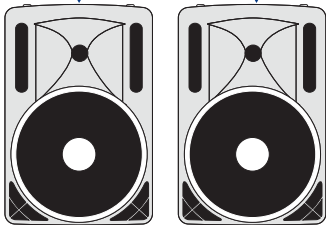
Laptop



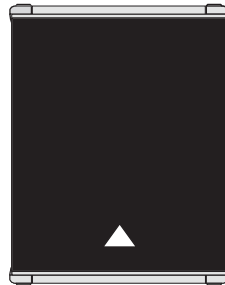
VMX1000USB Rear panel



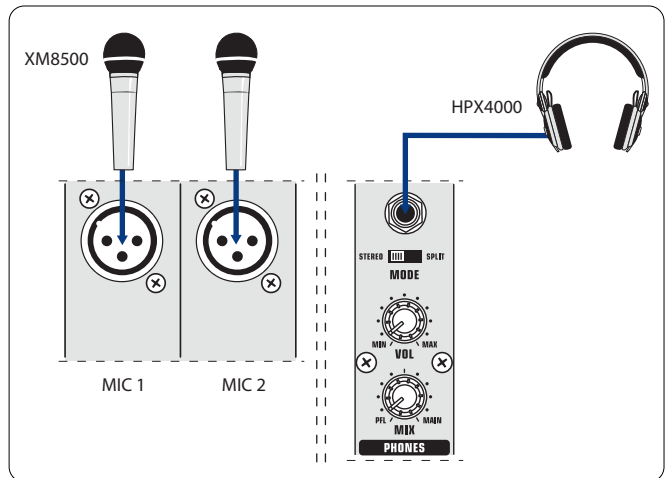
Turntable



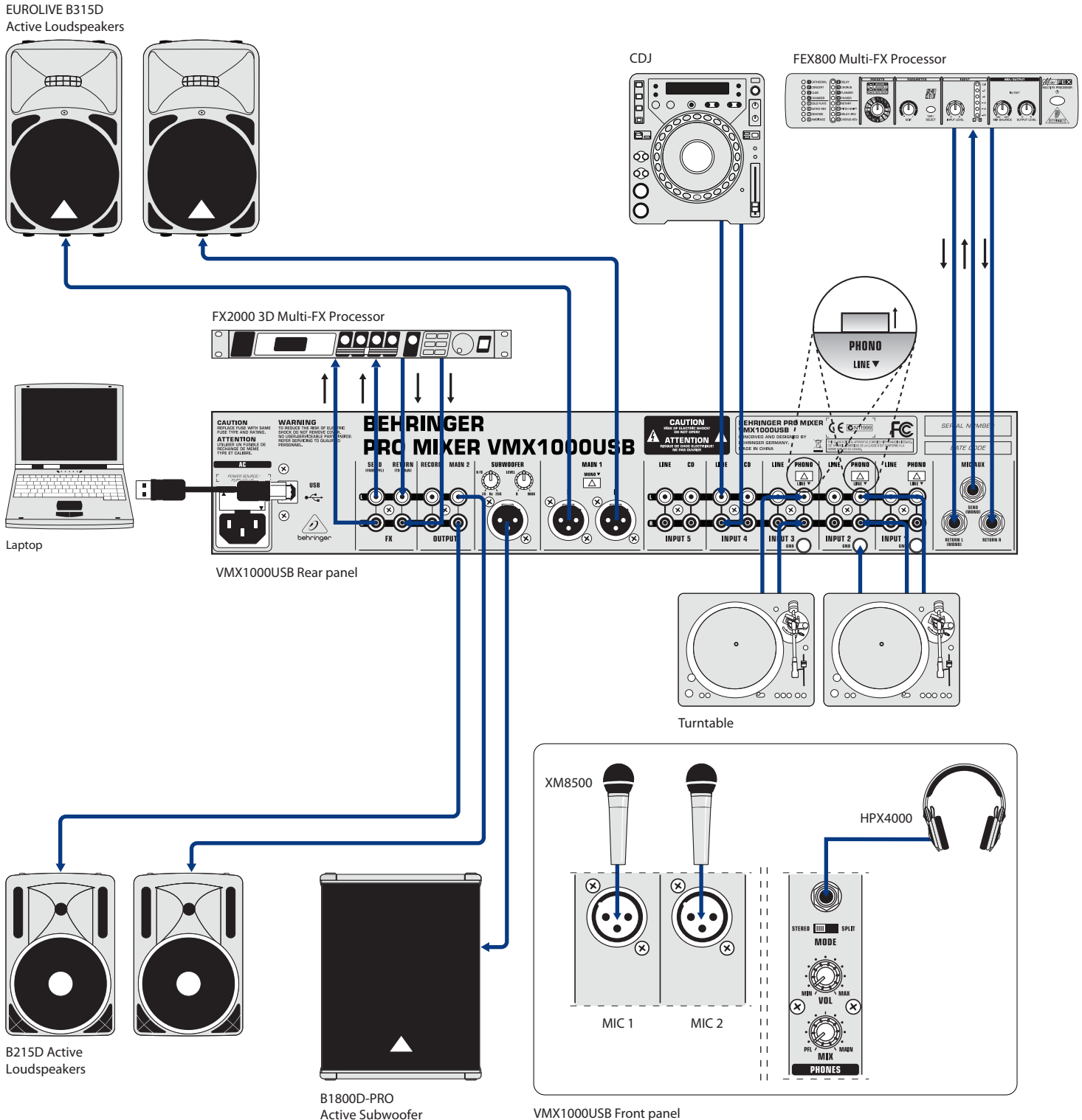
B215D Active
Loudspeakers



B1800D-PRO
Active Subwoofer



VMX1000USB Front panel



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

Please note these specifications are preliminary and conceptual in nature, and as such are subject to change as product development progresses. This information is supplied for market research purposes only and is not to be made public in any manner. This document is solely the property of The MUSIC Group, or one of its subsidiaries, and must be surrendered upon request of the owner.

For service, support or more information contact the BEHRINGER location nearest you:

Europe
MUSIC Group Services UK
Tel: +44 156 273 2290
Email: CARE@music-group.com

USA/Canada
MUSIC Group Services NV Inc.
Tel: +1 702 800 8290
Email: CARE@music-group.com

Japan
MUSIC Group Services JP K.K.
Tel.: +81 3 6231 0454
Email: CARE@music-group.com

Technical specifications and appearances are subject to change without notice and accuracy is not guaranteed. BEHRINGER is part of the MUSIC Group (music-group.com). All trademarks are the property of their respective owners. MUSIC Group accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph or statement contained herein. Colors and specifications may vary from actual product. MUSIC Group products are sold through authorized fulfillment and resellers only. Fulfillment and resellers are not agents of MUSIC Group and have absolutely no authority to bind MUSIC Group by any express or implied undertaking or representation. This manual is copyrighted. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording of any kind, for any purpose, without the express written permission of MUSIC Group IP Ltd. ALL RIGHTS RESERVED. © 2012 MUSIC Group IP Ltd. Trident Chambers, Wickhams Cay, P.O. Box 146, Road Town, Tortola, British Virgin Islands.