



XENYX QX1204USB Premium 12 Input 2-2 Bus Mixer User Guide

[Home](#) » [XENYX](#) » XENYX QX1204USB Premium 12 Input 2-2 Bus Mixer User Guide 

XENYX



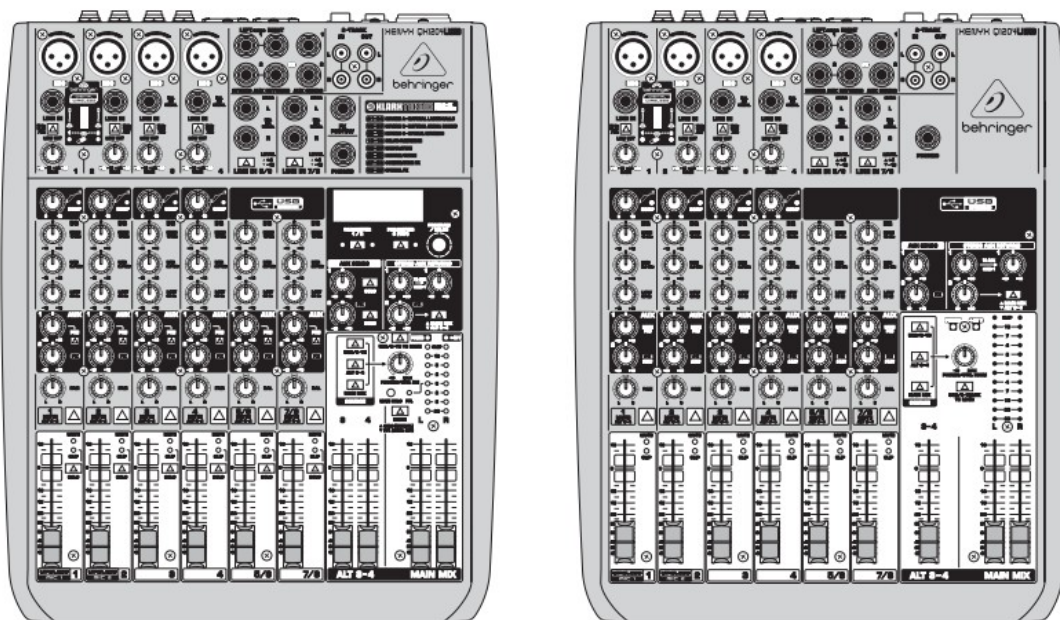
behringer

Quick Start Guide

Contents

- [1 QX1204USB Premium 12 Input 2-2 Bus Mixer](#)
- [2 Important Safety Instructions](#)
- [3 LEGAL DISCLAIMER](#)
- [4 LIMITED WARRANTY](#)
- [5 XENYX QX1204USB/Q1204USB Hook-up](#)
- [6 XENYX QX1204USB/Q1204USB Controls](#)
- [7 XENYX QX1204USB/Q1204USB Getting started](#)
- [8 XENYX QX1204USB/Q1204USB Gain Setting](#)
- [9 XENYX QX1204USB/Q1204USB Multi-FX Processor](#)
- [10 XENYX QX1204USB Preset Chart](#)
- [11 Specifications](#)
- [12 Other important information](#)
- [13 Documents / Resources](#)
 - [13.1 References](#)

QX1204USB Premium 12 Input 2-2 Bus Mixer



QX1204USB

Premium 12-Input 2/2-Bus Mixer with XENYX Mic Preamps & Compressors, Klark Teknik Multi-FX Processor, Wireless Option and USB/Audio Interface

Q1204USB

Premium 12-Input 2/2-Bus Mixer with XENYX Mic Preamps & Compressors, Wireless Option and USB/Audio Interface

Important Safety Instructions



CAUTION

RISK OF ELECTRIC SHOCK!
DO NOT OPEN!

ATTENTION

RISQUE D'ELECTROCUTION!
NE PAS OUVRIR!



Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock.

Use only high-quality professional speaker cables with 1/4" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.



Caution

To reduce the risk of electric shock, do not remove the top cover (or the rear section).
No user serviceable parts inside. Refer servicing to qualified personnel.



Caution

To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Caution

These service instructions are for use by qualified service personnel only.

To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Use only attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.



14. Refer all servicing to qualified service personnel.

Service is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.
18. Do not install in a confined space, such as a book case or similar unit.
19. Do not place naked flame sources, such as lighted candles, on the apparatus.
20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed-of at a battery

collection point.

21. This apparatus may be used in tropical and moderate climates up to 45°C.

LEGAL DISCLAIMER

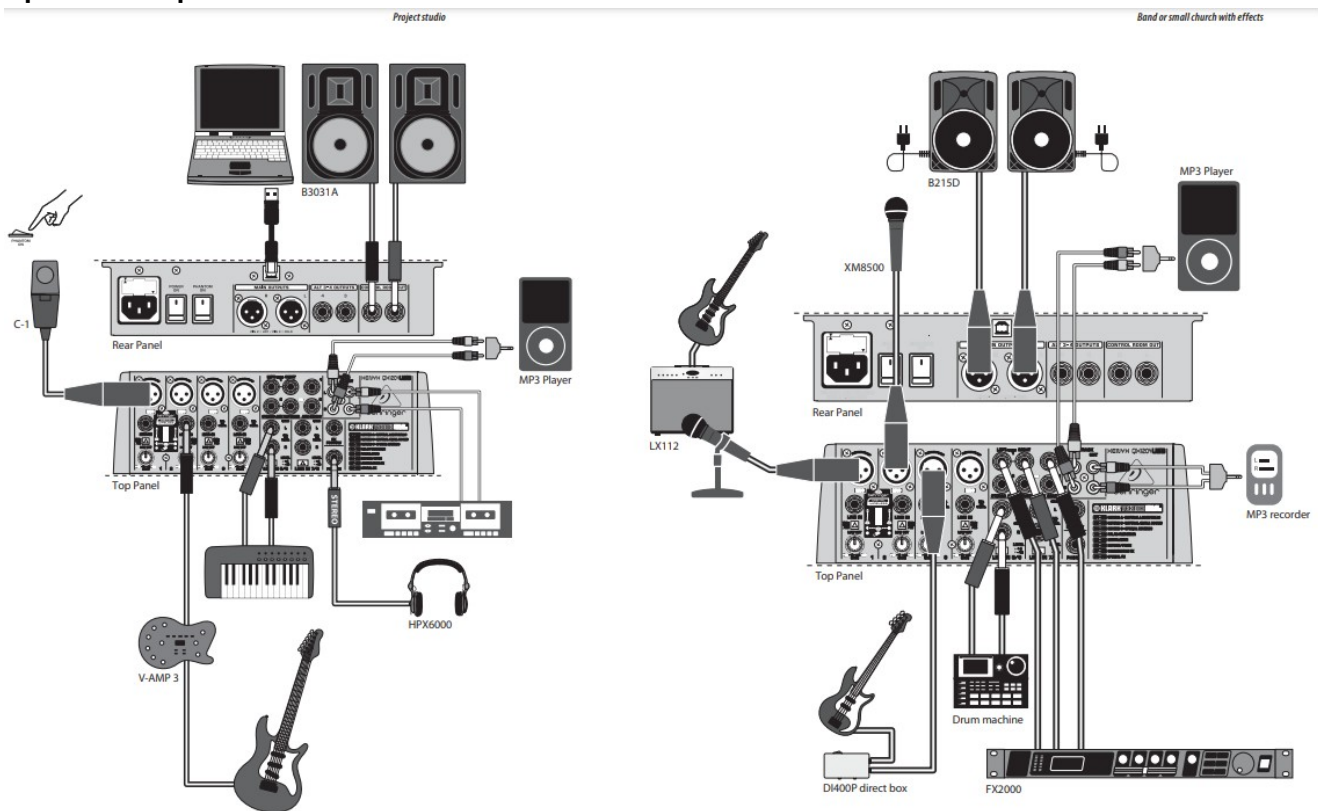
Music Tribe accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice. All trademarks are the property of their respective owners. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Aston Microphones and Coolaudio are trademarks or registered trademarks of Music Tribe Global Brands Ltd. © Music Tribe Global Brands Ltd. 2023 All rights reserved.

LIMITED WARRANTY

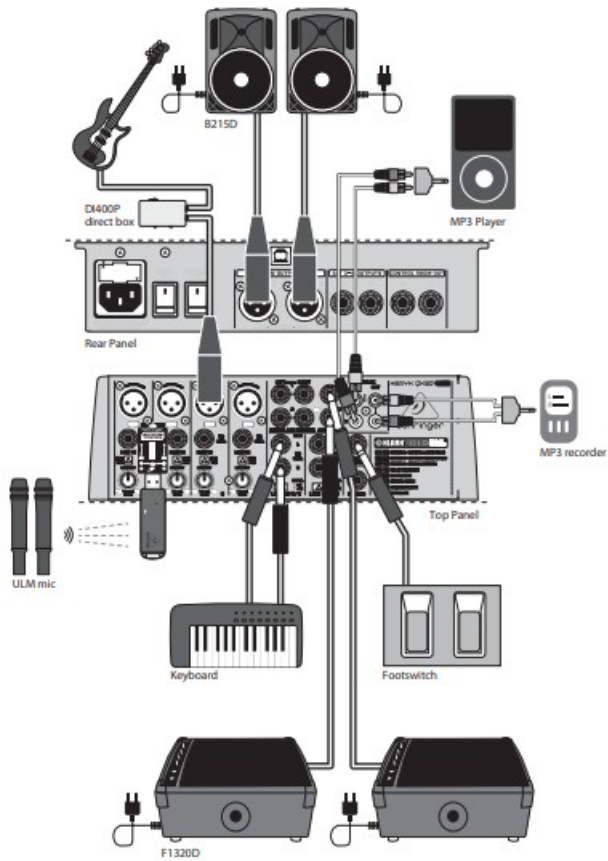
For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at community.musictribe.com/pages/support#warranty.

XENYX QX1204USB/Q1204USB Hook-up

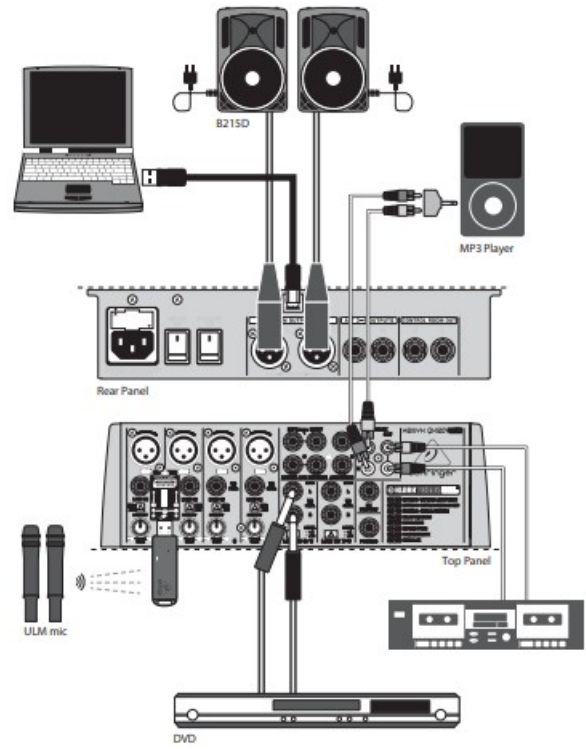
Step 1: Hook-Up



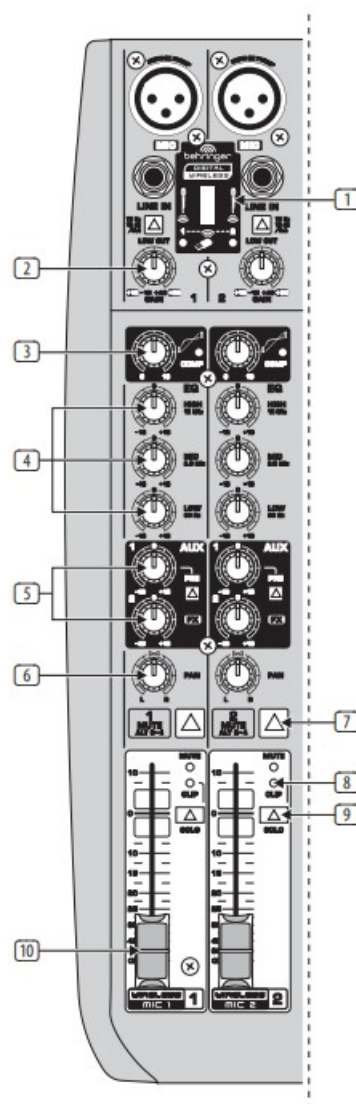
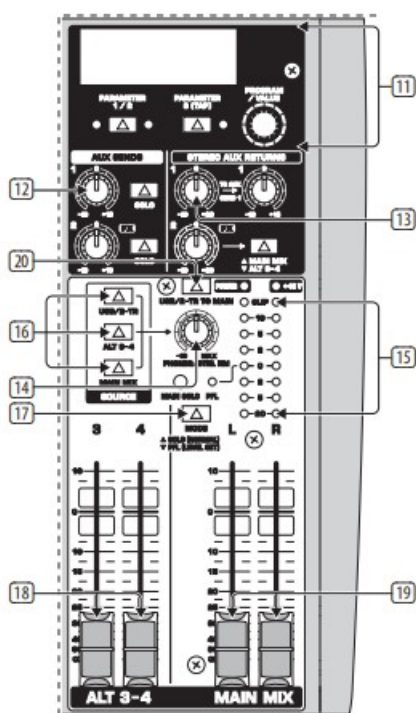
Band or small church with stage monitors



Business/multimedia presentation



XENYX QX1204USB/Q1204USB Controls



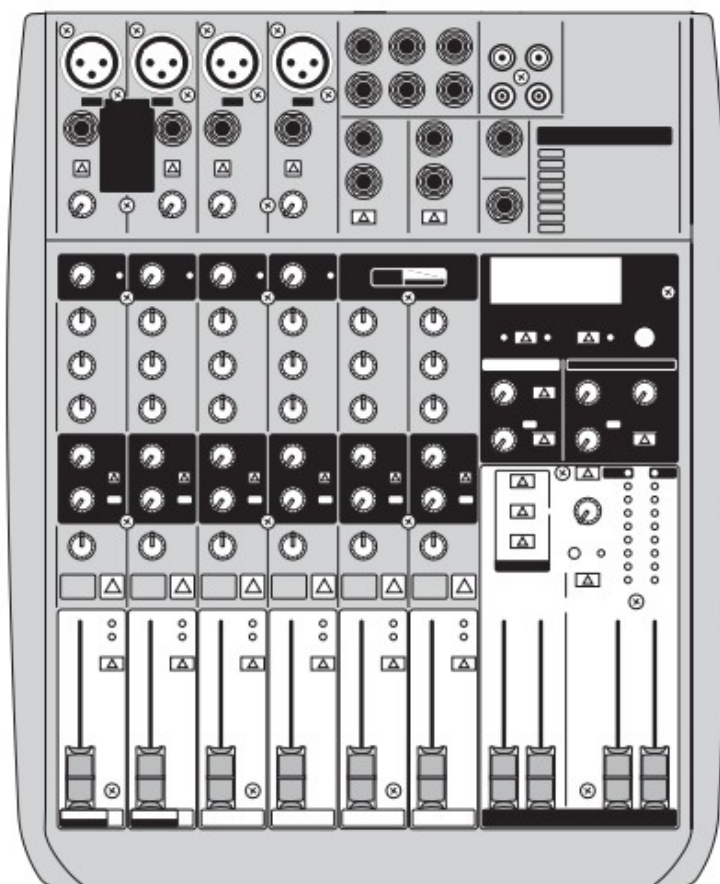
Step 2: Controls

1. USB wireless input accepts a USB receiver for use with Behringer ULM wireless microphones.
2. GAIN knob adjusts the sensitivity of the MIC and/or LINE inputs.
3. COMP knob adjusts the amount of compression effect on the channel.
4. EQ knobs adjust the high, mid and low frequencies of the channel.
5. AUX knobs adjust how much of the channel's signal is sent to the AUX SEND jacks.
Pressing the PRE button on the QX1204USB sends the AUX 1 signal pre-fader. AUX 1 is always sent pre-fader on the Q1204USB.
6. PAN/BAL knob positions the channel in the stereo field.
7. MUTE button removes the channel from the MAIN MIX and sends it to the ALT 3-4 bus.
8. CLIP LED lights when the channel signal begins to overload.
9. SOLO (QX1204USB) button sends the channel to the main VU meters for gain setting.
10. CHANNEL FADER adjusts the channel volume.
11. MULTI-FX PROCESSOR (QX1204USB) adds a selected sound effect to any channels whose FX knob is turned up. See Multi-FX Processor section for details.
12. AUX SENDS adjust the amount of signal sent to a monitor speaker or effects processor via the AUX SEND jacks.
13. AUX RETURNS adjust the amount of signal returning from an effects processor that is included in the main mix.

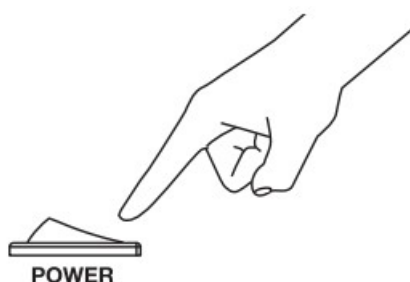
14. PHONES/CTRL RM knob adjusts the headphone or monitor speaker volume.
15. VU METER displays the MAIN OUTPUT signal level.
16. SOURCE buttons route the USB/2-TR, ALT 3-4 or MAIN MIX to the PHONES and CONTROL ROOM jacks.
17. MODE (QX1204USB) button determines whether the channels' SOLO button operates as 'Solo in Place' (button out) or 'Pre-Fader Listen' (button in). PFL is preferred for gain setting purposes.
18. ALT 3-4 fader(s) adjust(s) the output of the ALT 3-4 jacks.
19. MAIN MIX faders adjust the overall output of the mixer.
20. USB/2-TR TO MAIN button routes the USB and 2-TRACK signals to the MAIN MIX.

XENYX QX1204USB/Q1204USB Getting started

Step 3: Getting started



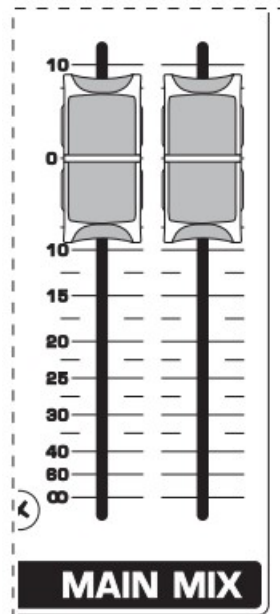
1. Make sure the power to all devices is turned off! Connect all the appropriate power, audio and USB cables to the mixer.
2. Set all controls as shown above (EQ and PAN/BAL centered, all others down/off).
3. Turn the mixer on.



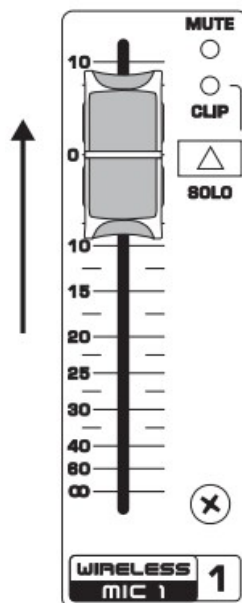
4. Set the GAIN for each channel.

See the Gain Setting section for details.

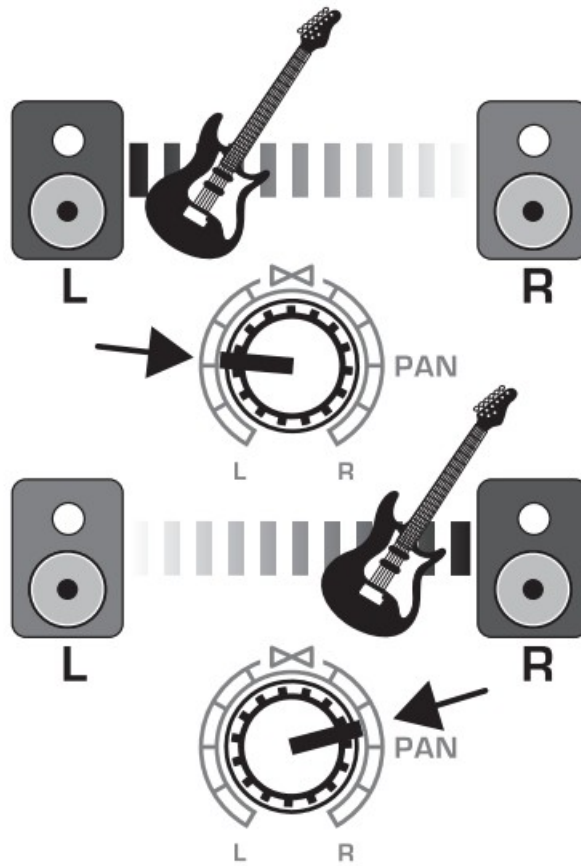
5. With the MAIN MIX faders and PHONES/CTRL RM knob all the way down, turn your power amp or powered speakers on.
6. Slowly raise the MAIN MIX faders or PHONES/CTRL RM knob to 0 or to desired level.



7. Adjust the relative level of various microphones and instruments by raising each CHANNEL FADER.



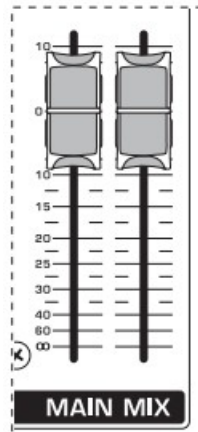
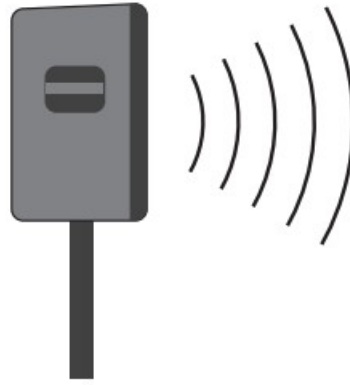
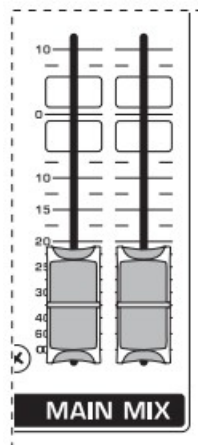
8. Adjust the left-right position of a channel in the stereo field if necessary by turning the channel's PAN or BAL knob.



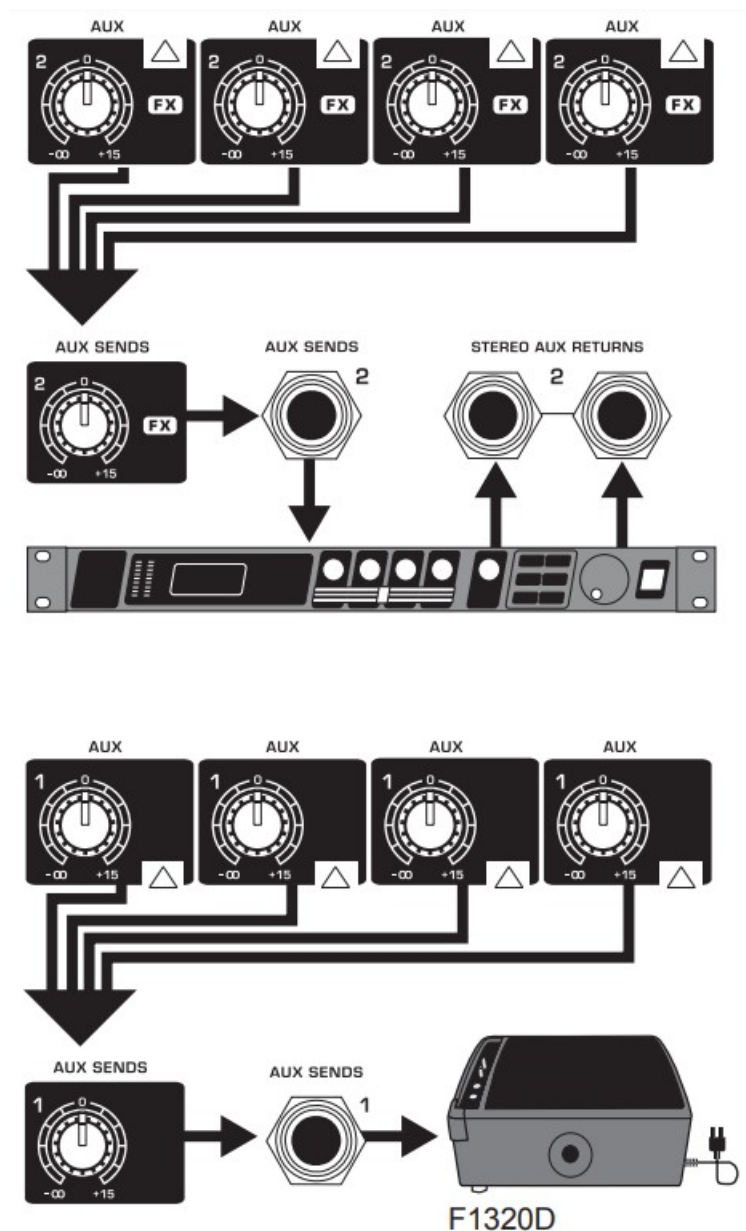
9. To add compression to an input, adjust the COMP knob until the adjacent LED lights up. This reduces the dynamics and increases the perceived loudness of the channel.



10. For live applications, adjust the overall output from the mixer to the power amp or powered speakers by raising the MAIN MIX faders. If the red CLIP LEDs on the VU METER light, lower the MAIN MIX faders.



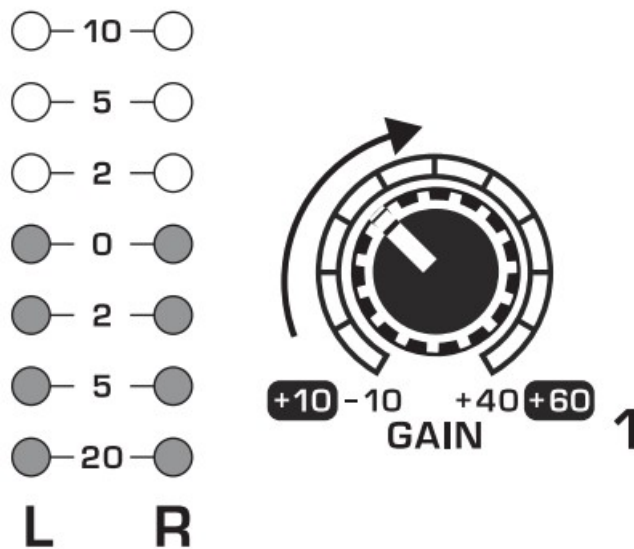
11. Use the channel AUX knobs and master AUX SEND knobs to send the channel's signal to an effects processor or monitor speaker connected to the AUX SEND jacks. If used for effects, this signal should be returned to one of the AUX RETURN jacks.



XENYX QX1204USB/Q1204USB Gain Setting

Setting the channel gain for the QX1204USB:

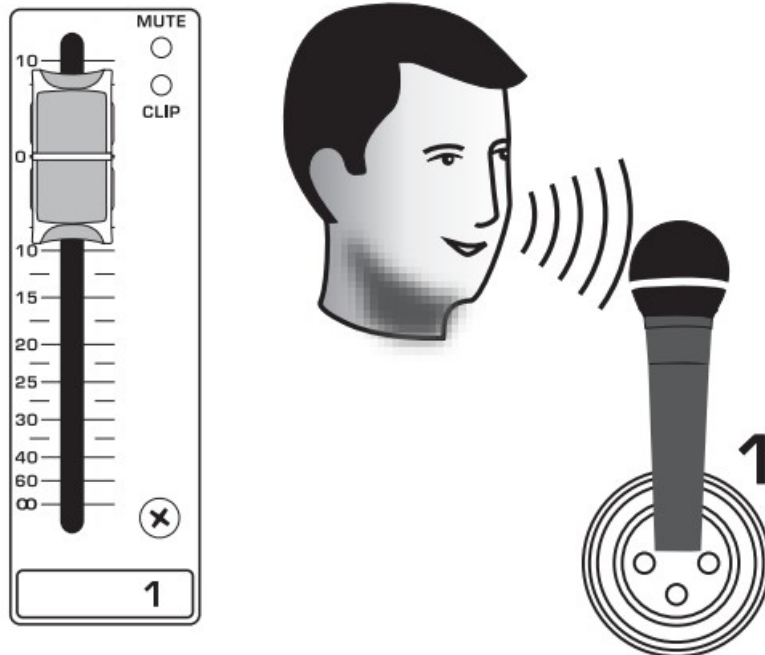
1. Press the Channel 1 SOLO button. Press the MODE button next to the VU METER to allow the METER to operate in PFL (pre-fader listen) mode.
2. Sing, speak or play at a normal level through the microphone or instrument connected to Channel 1.
3. While singing or playing, turn Channel 1's GAIN control. The VU METER will display the signal level. Set the GAIN control so that the loudest peaks reach 0 on the VU METER. Press the Channel 1 SOLO button again.



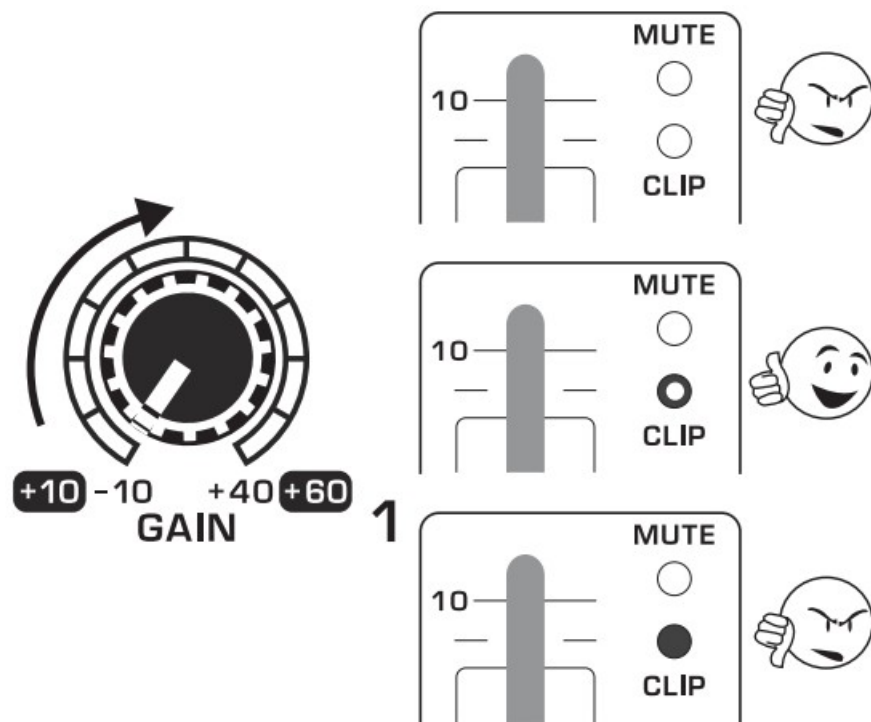
- Repeat steps 1-3 for any other channels that will be used. For channels 5/6 and 7/8, start with the +4/-10 button out. If the signal is too low to register on the VU meters, press the button in to boost the gain.

Setting the channel gain for the Q1204USB:

- Raise Channel 1's fader to 0. Sing, speak or play at a normal level through the microphone or instrument connected to Channel 1.

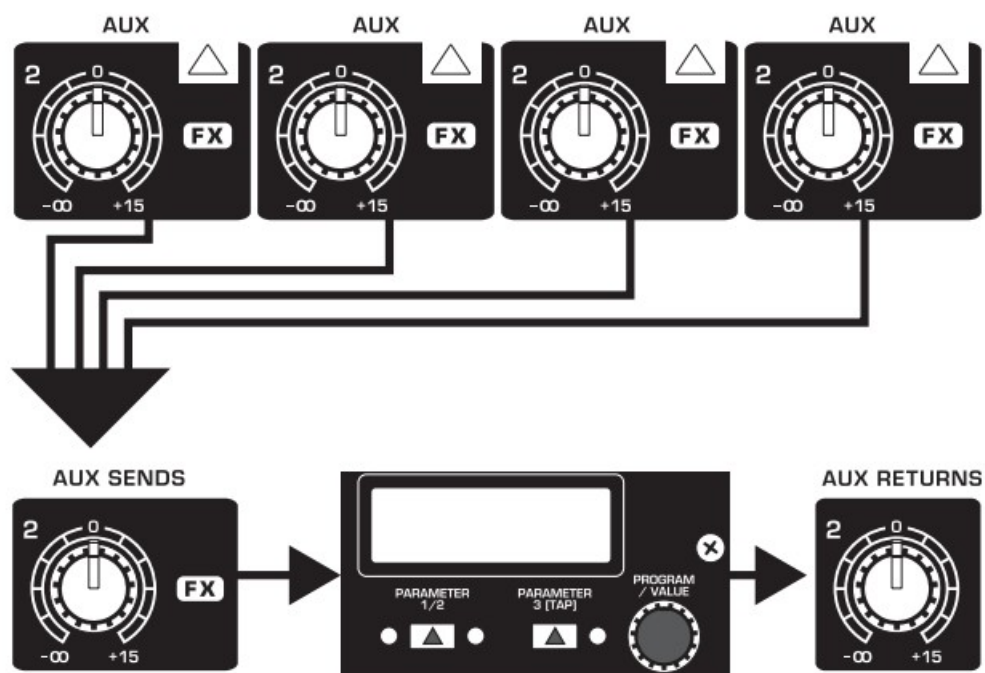


- While singing or playing, turn Channel 1's GAIN control until the Channel 1 CLIP LED flashes occasionally, but not constantly.



XENYX QX1204USB/Q1204USB Multi-FX Processor

Step 4: Multi-FX Processor



Your mixer has a built-in processor.
Follow these steps to add an effect to one or more channels.

1. Turn the FX knob up half way on each channel to which you would like to add an effect.
2. Turn the FX AUX SEND and FX AUX RETURN knobs to 0. You may adjust them later.
3. Scroll through the effects by turning the PROGRAM knob. The preset name will flash in the display. Press the PROGRAM knob to select the effect.
4. Adjust parameter 1 and 2:
 - After you have selected a preset (step 3), press the PARAM 1/2 button to enter Edit Mode. The LED on the left side of the PARAM 1/2 button will light to indicate parameter 1 is active.

PARAMETER

1 / 2



- Turn the PROGRAM knob to adjust the parameter.
- After 4 seconds of inactivity, the mixer exits Edit Mode. You can also press the PROGRAM knob to manually exit Edit Mode.
- Repeat the steps, using PARAM 1/2 button to select parameter 2 for editing.

PARAMETER

1 / 2



5. Adjust parameter 3:

- After you have selected a preset, press the PARAM 3/TAP button to enter Edit Mode. Depending on the parameter for the selected effect, the LED will either indicate the A/B value status of the parameter, or blink to show the current BPM.
 - Press the PARAM 3/TAP button to change the A/B value status, or press several times in rhythm to set a new BPM if applicable.
 - After 4 seconds of inactivity, the mixer exits Edit Mode. You can also press the PROGRAM knob to manually exit Edit Mode.
6. Readjust each channel's FX knob to make sure the right amount of effect is added. If the OL (overload) meter segment lights in the display, turn the FX AUX SEND knob down.
7. The FX FOOTSW(itch) jack accepts a one-button footswitch for FX bypass, and dual footswitch for bypass and PARAM 3/TAP adjustment (A/B select or tap tempo).

XENYX QX1204USB Preset Chart

#	Preset Name	Param. 1	Range	Param. 2	Range	Param. 3/T AP	Range (LED indication)
01 – 04 REVERB A – NATURAL LARGE HALLS							
1	CHURCH	Decay Time	1.00 to 10.00	Room Shape	1 to 50	Damping	DARK (off) / BRIGHT (on)
2	CONCERT HALL 1	Decay Time	0.50 to 5.00	Chorus	1 to 30	Damping	DARK (off) / BRIGHT (on)
3	CONCERT HALL 2	Decay Time	1.00 to 5.00	Early Refl. Level	-12 to +12	Damping	DARK (off) / BRIGHT (on)
4	THEATER	Decay Time	0.40 to 3.00	Depth	0 to 9	Damping	DARK (off) / BRIGHT (on)
05 – 08 REVERB B – NATURAL SMALL ROOMS							
5	ROOM 1	Decay Time	0.50 to 5.00	Density	0 to 100	Damping	DARK (off) / BRIGHT (on)
6	ROOM 2	Decay Time	0.30 to 2.50	Pre Delay	0 to 50	Damping	DARK (off) / BRIGHT (on)

24	DETUNE	Detune	-99 to +99	PreDelay	0 to 300	Damping	DARK (off) / BRIG HT (on)
25	PITCH SHIFTER 1	Note Shift	-12 to +12	PreDelay	0 to 300	Detune	0 (off) / 20 (on)
26	PITCH SHIFTER 2 (DUAL)	Note Shift A	-12 to +12	Note Shift B	-12 to +1 2	Stereo Spr ead	NARROW (off) / WIDE (on)
27 – 29 COMBI-FX							
27	DELAY + CH ORUS	Delay<>C horus Balance	-50 to +50	Chorus Depth	-20 to +2 0	Delay Tem po	75 to 500 (blink @ tempo)
28	DELAY + RE VERB	Delay<>R everb Balance	-50 to +50	Reverb Decay	1.00 to 5 .00	Delay Tem po	114 to 500 (blink @ tempo)
29	CHORUS + REVERB	Chorus<> Reverb Balance	-50 to +50	Reverb Decay	1.00 to 5 .00	Chorus De pth	SOFT (off) / DEEP (on)
30 – 32 SPECIAL FX							
30	LFO LOW-P ASS FILTER	Depth	-20 to +20	Resonance	1 to 30	LFO Temp o	5 to 400 (blink @ t empo)
31	TALKBOX	Vowel 1	A, E, I, O, U	Vowel 2	A, E, I, O , U	LFO Temp o	5 to 400 (blink @ t empo)
32	CLIPPER DI STORTION	Distortion	1 to 100	Low Cut Filter	50.0 to 5 00.0	Damping	DARK (off) / BRIG HT (on)

Specifications

	QX1204USB	Q1204USB
Mono Inputs		
Microphone inputs (XENYX Mic preamp)	4	
Type	XLR connector, balanced, discrete input circuit	
Mic E.I.N. (20 Hz – 20 kHz)		
@ 0 Ω source resistance	-134 dB / -136 dB A-weighted	-132 dB / -134 dB A-weighted
@ 50 Ω source resistance	-132 dB / -135 dB A-weighted	-131 dB / -132 dB A-weighted
@ 150 Ω source resistance	-131 dB / -133 dB A-weighted	-128 dB / -131 dB A-weighted
Frequency response (-1 dB)	<10 Hz – 150 kHz (-1 dB)	
Frequency response (-3 dB)	<10 Hz – 200 kHz (-3 dB)	
Gain range	+10 dB to +60 dB	

Max. input level	+12 dBu @ +10 dB gain
Impedance	2 kΩ balanced
Signal-to-noise ratio	108 dB / 110 dB A-weighted (0 dBu In @ +22 dB gain)
Distortion (THD+N)	0.005% / 0.004% A-weighted
Phantom power	Switchable, +48 V
Line Input	
Type	1/4" TRS connector, balanced
Impedance	20 kΩ balanced, 10 kΩ unbalanced
Gain range	-10 dB to +40 dB
Max. input level	30 dBu
Frequency Response (Mic In → Main Out)	
<10 Hz – 160 kHz	±3 dB
Stereo Inputs	
Type	2 x 1/4" TRS connector, balanced
Impedance	20 kΩ balanced, 10 kΩ unbalanced
Gain range	-20 dB to +20 dB
Max. input level	+22 d Bu
2-Track In	
Type	RCA connector
Impedance	10 kΩ
Max. input level	+22 d Bu
Equalizer 3-Band	
Low	80 Hz / ±15 dB
Mid	2.5 kHz / ±15 dB
High	12 kHz / ±15 dB
AUX Sends	
Type	2 x 1/4" TRS connector, balanced
Impedance	120 Ω
Max. output level	+22 d Bu
AUX Returns	
Type	2 x 1/4" TRS connector, balanced
Impedance	20 kΩ balanced, 10 kΩ unbalanced
Max. input level	+22 d Bu

Main Outputs		
Type	XLR connector, balanced	
Impedance	240 Ω balanced, 120 Ω unbalanced	
Max. input level	+28 d Bu	
Control Room Output		
Type	1/4" TRS connector, balanced	
Impedance	120 Ω	
Max. input level	+22 d Bu	
Phones Output		
Type	1/4" TRS connector, unbalanced	
Impedance	25 Ω	
Max. input level	+21 dBu / 150 Ω (+25 dBm)	
2-Track Out		
Type	RCA connector	
Impedance	1 kΩ	
Max. input level	+22 d Bu	
DSP		
Type	Klark Teknik	—
Converter	24-bit Sigma-Delta	—
	64/128-t imes oversampling	—
Sampling rate	40 kHz	—
Wireless Input		
USB dongle	Accepts signals from 2 independent Behringer ULM mics	
Main Mix System Data (Noise)		
Main mix @ -∞, channel fader @ -∞	-105 dB / -108 dB A-weighted	
Main mix @ 0 dB, channel fader @ -∞	-95 dB / -97 dB A-weighted	
Main mix @ 0 dB, channel fader @ 0 dB	-83 dB / -85 dB A-weighted	
Power Supply		
Mains voltage	100 – 240 V~, 50/60 Hz	
Power consumption	40 W	

Fuse (100 – 240 V~, 50/60 Hz)	T 1.6 A H 250 V	
Mains connector	Standard IEC receptacle	
USB		
Connector	Type B	
Audio	Stereo in/out	
Converter	16-bit	
Sample rate	48 kHz	
Physical/Weight		
Dimensions (W x D x H)	10.4 x 13 x 3.5" 265 x 330 x 90 mm	10.4 x 13 x 3.5" 265 x 330 x 90 mm
Weight	6.3 lbs / 2.9 kg	6.2 lbs / 2.8 kg

Other important information

Important information

1. Register online. Please register your new Music Tribe equipment right after you purchase it by visiting musictribe.com. Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.
2. Malfunction. Should your Music Tribe Authorized Reseller not be located in your vicinity, you may contact the Music Tribe Authorized Fulfiller for your country listed under "Support" at musictribe.com. Should your country not be listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at musictribe.com. Alternatively, please submit an online warranty claim at musictribe.com BEFORE returning the product.
3. Power Connections. Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Behringer

XENYX QX1204USB/Q1204USB

Responsible Party Name: Music Tribe Commercial NV Inc.

Address: 122 E. 42nd St.1, 8th Floor NY, NY 10168, United States

Email Address: legal@musictribe.com

XENYX QX1204USB/Q1204USB

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Important information:

Changes or modifications to the equipment not expressly approved by Music Tribe can void the user's authority to use the equipment.

Hereby, Music Tribe declares that this product is in compliance with Directive 2014/35/EU, Directive 2014/30/EU, Directive 2011/65/EU and Amendment 2015/863/EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

Full text of EU DoC is available at <https://community.musictribe.com/>

EU Representative: Music Tribe Brands DK A/S

Address: Gammel Strand 44, DK-1202 København K, Denmark

UK Representative: Music Tribe Brands UK Ltd.

Address: 6 Lloyds Avenue, Unit 4CL London EC3N 3AX, United Kingdom



Documents / Resources

	<p>XENYX QX1204USB Premium 12 Input 2-2 Bus Mixer [pdf] User Guide</p> <p>QX1204USB Premium 12 Input 2-2 Bus Mixer, QX1204USB, Premium 12 Input 2-2 Bus Mixer, 12 Input 2-2 Bus Mixer, 2-2 Bus Mixer, Mixer</p>
--	---

References

- [Music Tribe](#)
- [Music Tribe](#)
- [Music Tribe](#)
- [Music Tribe](#)
- [Music Tribe](#)

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)