



behringer XENYX UFX1604 Premium 16 Input 4 Bus Mixer User Guide

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behringer XENYX UFX1604 Premium 16 Input 4 Bus Mixer



Product Information

Specifications

- Product Name: XENYX UFX1604
- Type: Premium 16-Input 4-Bus Mixer
- Features: 16 x 4 USB/FireWire Interface, 16-Track USB Recorder, XENYX Mic Preamps & Compressors, British EQs, Dual Multi-FX Processors
- Version: 9.0

Product Usage Instructions

Safety Instructions

- Always be aware of dangerous voltage inside the mixer.
- Do not remove the cover or attempt any internal servicing yourself.
- Avoid exposing the appliance to rain or moisture.
- Use only recommended attachments and accessories.
- Unplug during storms or if not in use for an extended period.
- Avoid placing the mixer in confined spaces or near naked flame sources.

Installation

1. Read and understand all safety instructions in the manual.
2. Ensure the power cord is not damaged and properly connected.
3. Connect the mixer to a mains socket outlet with protective earthing.
4. Avoid placing the mixer in bookcases or other confined spaces.
5. Ensure proper ventilation around the mixer to prevent overheating.

Operation

1. Power on the mixer using the designated switch.
2. Adjust input levels using the XENYX Mic Preamps and Compressors as needed.
3. Utilize the British EQs to fine-tune the audio output.
4. Explore the Dual Multi-FX Processors for added effects if desired.
5. If recording, engage the 16-Track USB Recorder functionality.

Maintenance

- Regularly clean the mixer using a soft, dry cloth.
- Avoid spillage or liquid contact with the mixer.
- If encountering issues, refer to the troubleshooting section in the manual.
- For any repairs, contact qualified service personnel.

Frequently Asked Questions (FAQ)

- **Q: Can I use the XENYX UFX1604 without a computer?**
 - A: Yes, you can use the mixer independently for live sound mixing without a computer.
- **Q: How do I connect external devices to the mixer?**
 - A: Use the available input channels on the mixer to connect microphones, instruments, or other audio sources.

Quick Start Guide

XENYX UFX1604

Premium 16-Input 4-Bus Mixer with 16 x 4 USB/FireWire Interface, 16-Track USB Recorder, XENYX Mic Preamps & Compressors, British EQs and Dual Multi-FX Processors

Important Safety Instructions



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.



Warning

Please refer to the information on the exterior of bottom enclosure for electrical and safety information before installing or operating the device.

1. Please read and follow all instructions and warnings.
2. Keep the apparatus away from water (except for outdoor products).
3. Clean only with dry cloth.
4. Do not block ventilation openings. Do not install in a confined space. Install only according to manufacturer's instructions.
5. Protect the power cord from damage, particularly at plugs and appliance socket.
6. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
7. 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 (only for USA and Canada). 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.
8. Protect the power cord from damage, particularly at plugs and appliance socket.
9. Use only attachments and accessories recommended by the manufacturer.



10. Use only specified carts, stands, tripods, brackets, or tables. Use caution to prevent tip-over when moving the cart/apparatus combination.

11. Unplug during storms, or if not in use for a long period.
12. Only use qualified personnel for servicing, especially after damage.
13. The apparatus with protective earthing terminal shall be connected to a MAINS socket outlet with a protective earthing connection.
14. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
15. Avoid installing in confined spaces like bookcases.
16. Do not place naked flame sources, such as lighted candles, on the apparatus.
17. Operating temperature range 5° to 45°C (41° to 113°F).

LEGAL DISCLAIMER

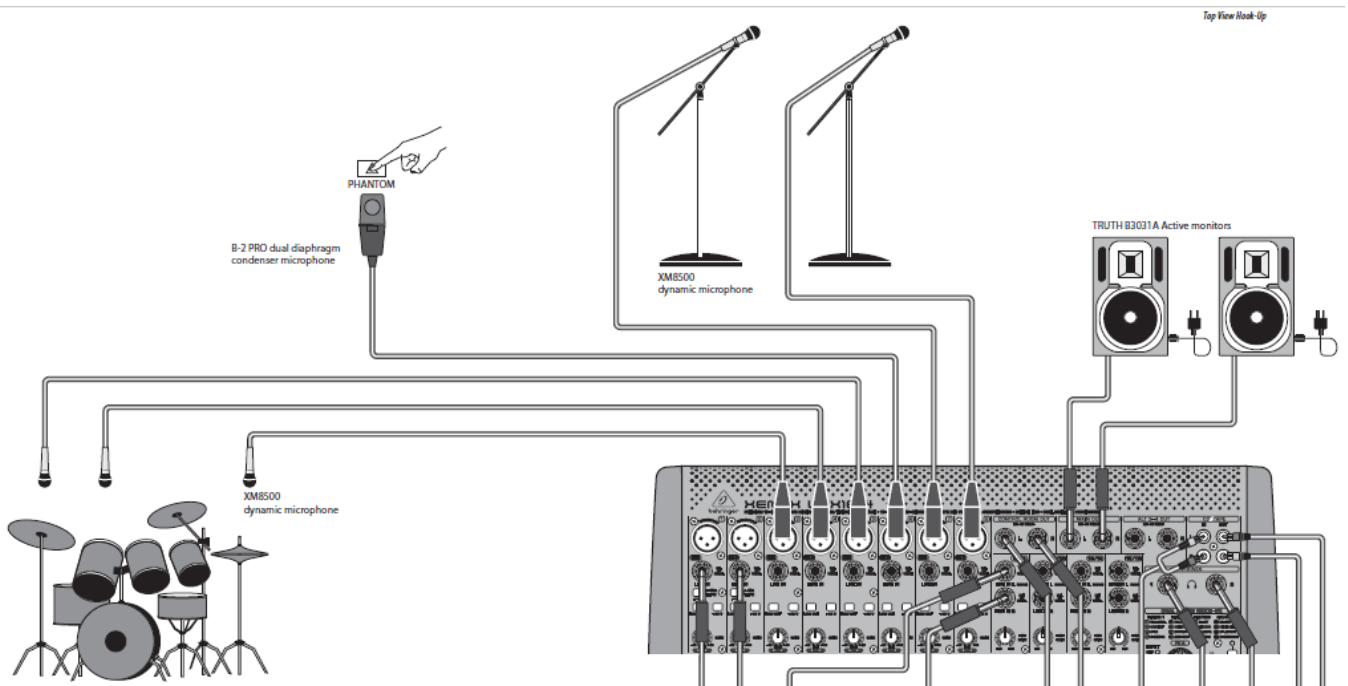
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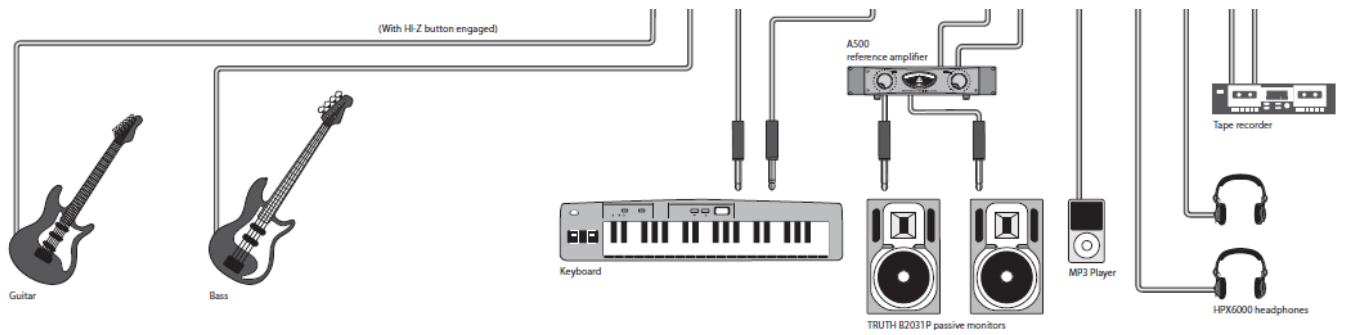
LIMITED WARRANTY

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/support.

XENYX UFX1604 Hook-up

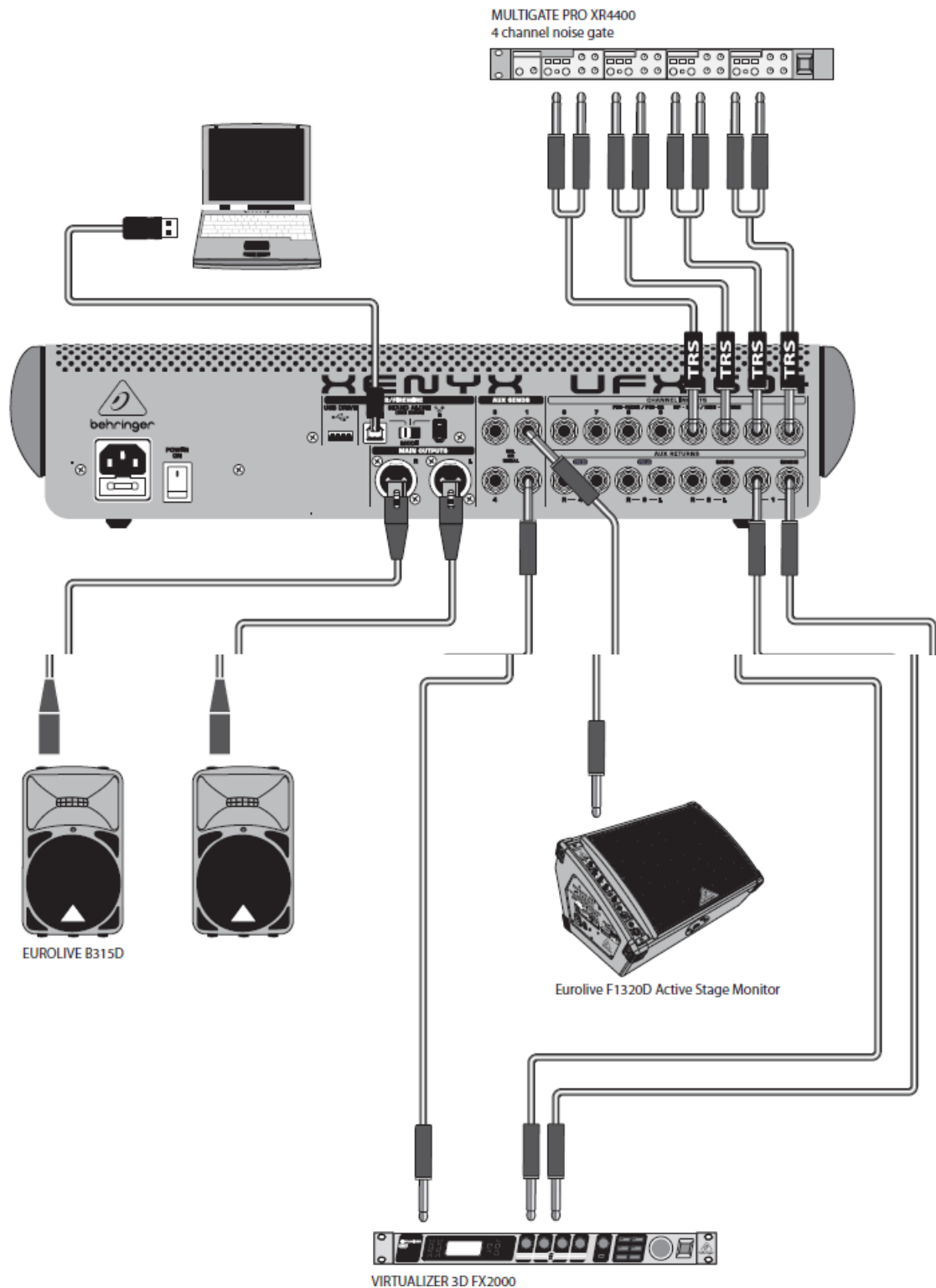
Step 1: Hook-Up





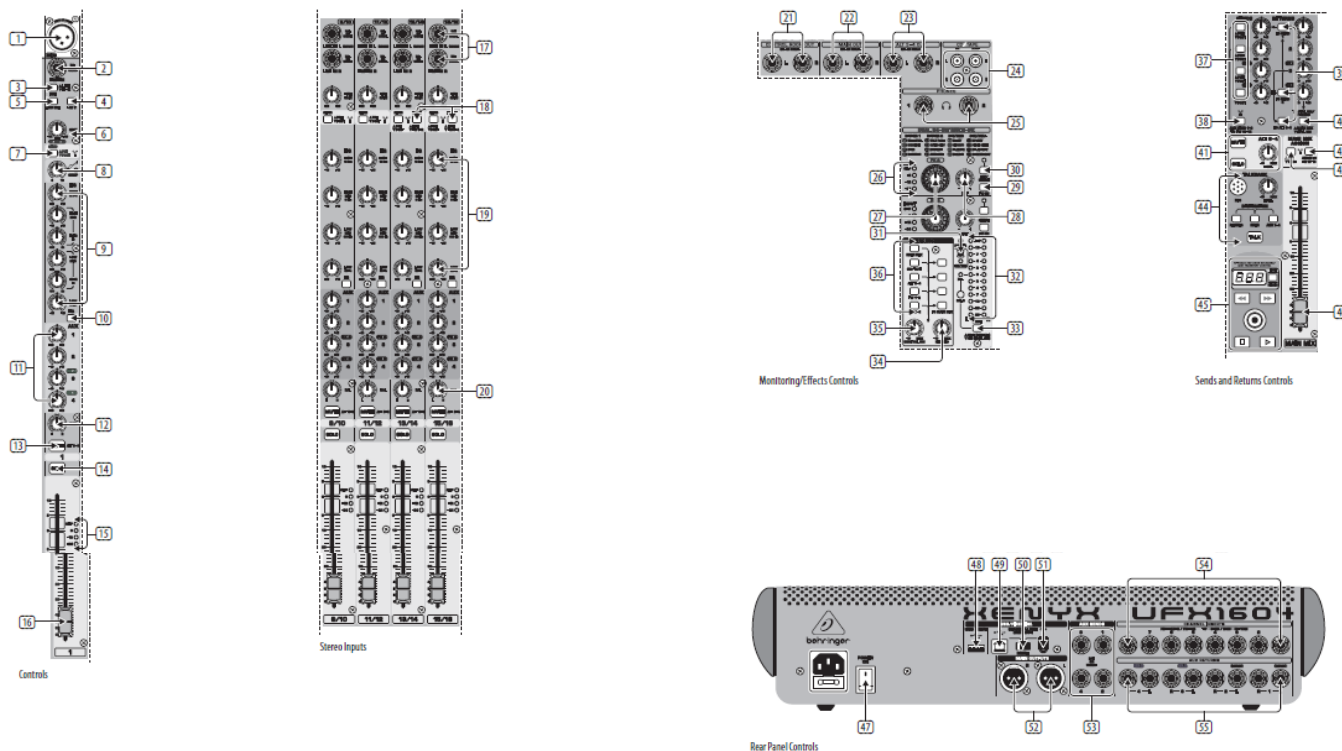
XENYX UFX1604 Hook-up

Step 1: Hook-Up



XENYX UFX1604 Controls

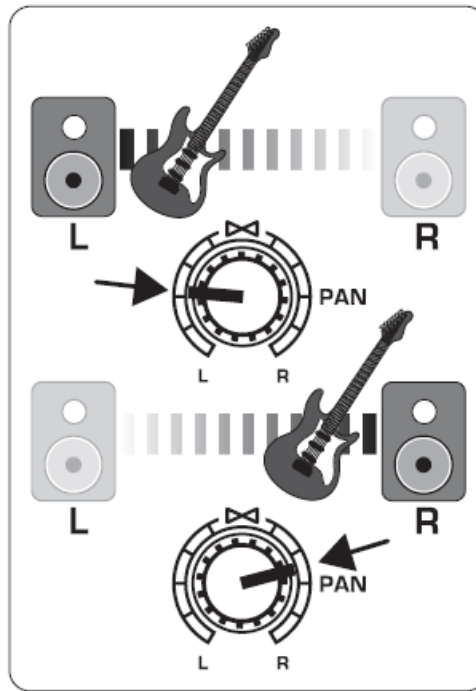
Step 2: Controls



XENYX UFX1604 Controls

Step 2: Controls

1. XLR balanced input.
2. LINE/HI-Z input.
3. LINE/HI-Z button. When HI-Z mode is engaged, you can plug your guitar or bass into this input without using an external direct input (D.I.) box.
4. +48 V Phantom power is used for condenser microphones that require between 9 V DC and 48 V DC power to operate.
5. LOW CUT button filters out frequencies below 80 Hz.
6. GAIN knob adjusts the sensitivity of the MIC and LINE/HI-Z inputs.
7. SEND lets you choose to route your input signal to FireWire/USB pre or post EQ.
8. COMP(RESSOR) knob adjusts the amount of compression effect on the channel.
9. EQ knobs adjust the HIGH, HIGH MID, LOW MID, and LOW frequencies of the channel.
10. EQ button turns the EQ section on and off.
11. AUX / FX A and FX B knobs adjust how much of the channel's signal is sent to the AUX SEND jacks and/or the internal FX processors.
12. PAN knob positions the channel's signal in the stereo field.



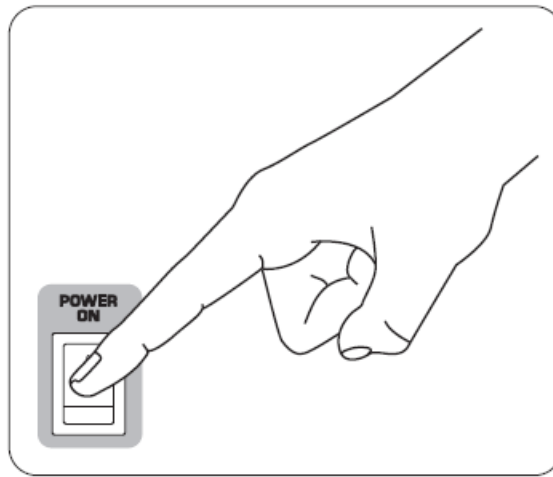
13. MUTE button removes the channel from the MAIN MIX and sends it to the ALT 3-4 bus.
14. SOLO button sends the channel signal to the solo bus (Solo in Place) or to the PFL bus (Pre-Fader Listen).
15. LEVEL METER shows the input signal level of the channel's input signal.
16. CHANNEL FADER adjusts the channel volume.
17. LINE IN left and right input jacks for mono or stereo signals.
18. LINE/FW 1-2 (3-4) button allows the signal from a computer to be routed via FireWire/USB to these channels and controlled by the EQ and AUX and Fader functions. **NOTE:** All FireWire (FW) routing switches work for USB connectivity to a computer and for the USB stand-alone mode depending on how you have the MODE selector switch (50) set.
19. 4-band EQ for the stereo channels.
20. BAL(ANCE) knob controls the relative volume of the left and right input signals before they are routed to the stereo main mix bus.
21. CONTROL ROOM OUT jacks carry the summed effects and main mix signals, as well as soloed channel signals.
22. MAIN OUT jacks for connecting line level signal to powered speakers or external amplifier.
23. ALT 3-4 OUT jacks for connecting line level signal of an alternate stereo mix to a recording device, powered speakers or external amplifier. Can also be used for subgrouping.
24. CD/TAPE IN and OUT for connecting a stereo source or for sending the main signal to an external recorder.
25. PHONES jacks for connecting headphones.
26. INPUT level meters display the signal input intensity going into the FX A or FX B bus.
27. FX A effect knob selects which effect is applied to the signal (same for FX B).
28. EDIT knob adjusts the effect's main parameter.
29. FX ON button turns the effect on and off.
30. The TAP/SELECT button performs two functions. Hit the button several times in the tempo of the music piece to adapt the delay time of presets 9 and 15 or the modulation speed of presets 10-12. The button will start flashing in the corresponding tempo. The TAP/SELECT button also changes the characteristic of the second parameter on presets 1-8, 13-14 and 16. By pressing the button you can toggle between two different values (light off/on) for the second parameter.
31. FW/USB LED indicates the computer is connected (based on the selection switch on back panel).

32. VU METER displays the MAIN OUTPUT signal level.
33. MODE button determines whether the SOLO button operates in 'Solo in Place' (button out) or 'Pre-Fader Listen' (button in). PFL is preferred for gain setting purposes.
34. PHONES knob controls the volume level of the PHONES jacks.
35. CONTROL RM knob controls the volume of the CONTROL ROOM OUT jacks.
36. SOURCE monitoring select buttons route the signal to either the CONTROL RM/PHONES jacks (left column) or the MAIN MIX (right column).
37. PRE/POST fader select buttons for all 4 AUX SEND busses.
38. AUX SEND 1-2 to FW 13-14 switch disables mixer channels 13-14 from being sent via FireWire/USB so that AUX SEND 1-2 can be routed to a computer (for recording, etc.).
39. Destination routing switches for AUX RETURN 3 source signal.
40. Destination routing switch for AUX RETURN 4 (to MAIN bus or CONTROL ROOM/PHONES bus).
41. MUTE, SOLO and output LEVEL knobs for ALT 3-4 bus.
42. Assign to FW 15-16 switch sends the MAIN MIX signal via FireWire/USB to computer or external USB drive when in the ON position. When off, mixer channels 15-16 can be sent via FireWire/USB.
43. PRE/POST switch sends the MAIN MIX signal to FireWire/USB pre or post main fader (requires ASSIGN TO FW 15-16 switch to be on).
44. TALKBACK MIC (built-in), LEVEL knob (adjusts TALKBACK microphone volume), DESTINATION switches and TALK button (press while talking).
45. 16 TRACK USB DRIVE RECORDER/MIDI TRANSPORT CONTROL for use while connected to a computer via FireWire or USB as a MIDI Machine Control. Also used In STAND ALONE MODE for controlling the internal USB recorder functions.
46. MAIN MIX stereo fader adjusts the overall output of the mixer.
47. POWER ON turns the mixer on.
48. USB DRIVE jack for use with external USB hard disk drives (recommended) or thumb drives in STAND ALONE mode.
49. USB jack for connecting to a computer.
50. MODE selector switch.
51. FireWire jack for connecting to a computer.
52. MAIN OUTPUTS for sending MAIN MIX via balanced XLR cables.
53. AUX(ILIARY) SENDS route the 4 auxiliary bus signals via balanced or unbalanced 1/4" cables.
54. CHANNEL INSERTS allow you to connect external effects to the individual channels (1-8) PRE-FADER and PRE-EQ.
55. AUX(ILIARY) RETURNS allow you to bring a stereo effects signal routed from an AUX SEND jack, through a processor, back into the designated auxiliary bus. These inputs can also be used to connect additional line sources such as keyboards.

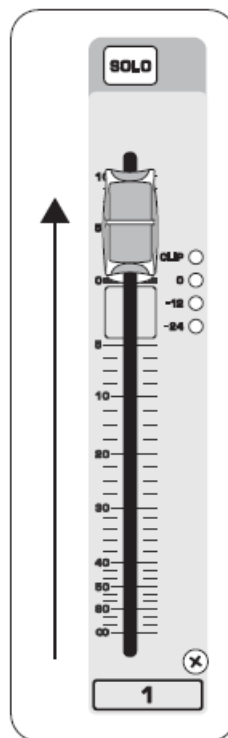
XENYX UFX1604 Getting started

Step 3: Getting started

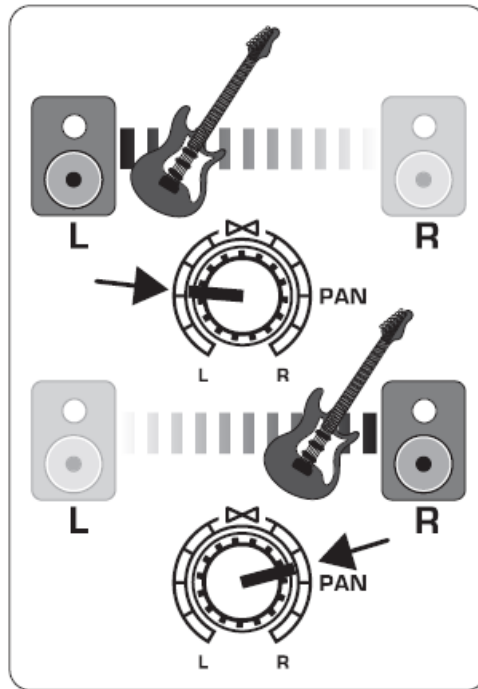
1. Make sure the power to all devices is turned off.
2. Connect all appropriate power, audio and FireWire/USB cables to the mixer.
3. Set all faders to the down position, PAN/BAL knobs centered and all other knobs (except EQ) all the way left.
4. Turn the mixer on



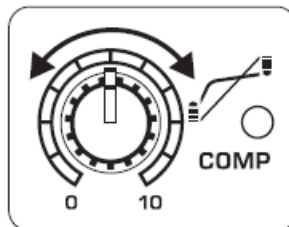
5. With the MAIN MIX fader, PHONES, CONTROL RM, and ALT 3-4 knobs all the way down, turn your PA system or powered monitors on.
6. Slowly raise the MAIN MIX fader, PHONES, CONTROL RM and ALT 3-4 knobs to 0 or the desired level.
7. Adjust the level of connected microphones and instruments by raising each CHANNEL FADER.



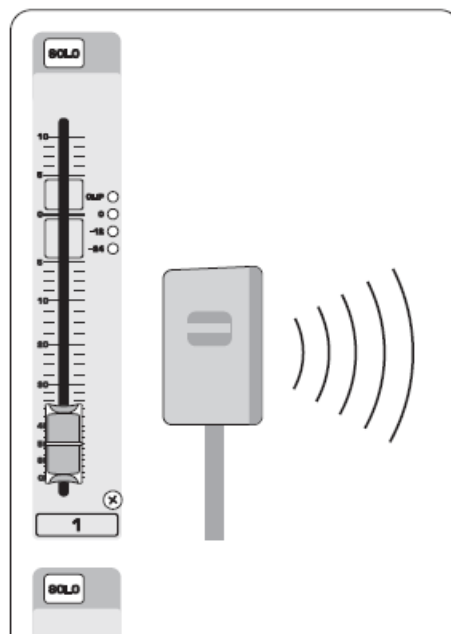
8. Adjust the left-right position of a channel in the stereo field if necessary by turning the channel's PAN or BAL knob.

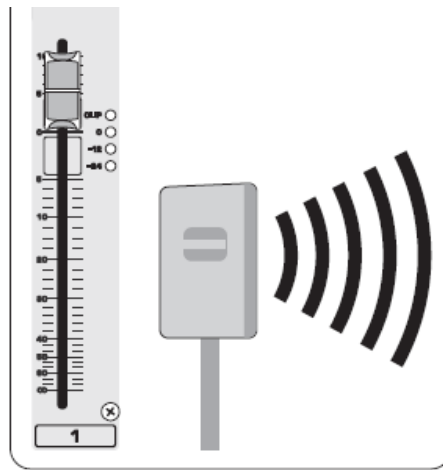


9. Adjust the COMP knob to add compression to an input if necessary.

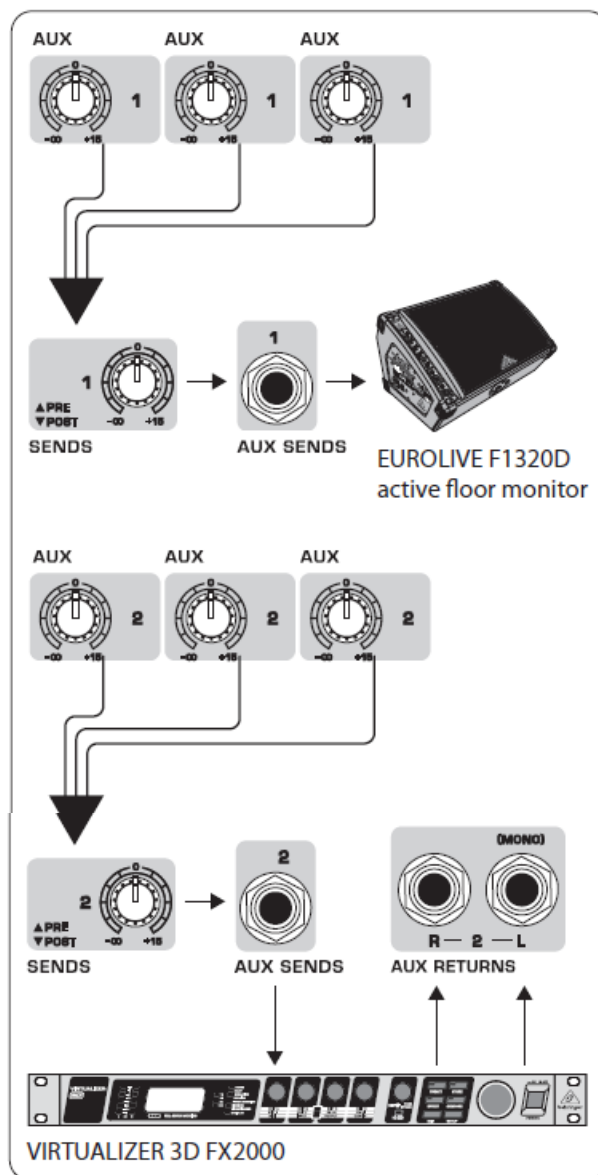


10. For live applications, adjust the overall output from the mixer to the power amp or powered speakers by raising the MAIN MIX fader. If the CLIP LEDs on the VU METER light, lower the MAIN MIX fader.





11. Use the channel AUX knobs and master AUX SEND knobs to send the channel signals to an effects processor or stage monitor connected to the AUX SEND jacks. If used for effects, route the signal back from the processor to the AUX RETURN jacks.



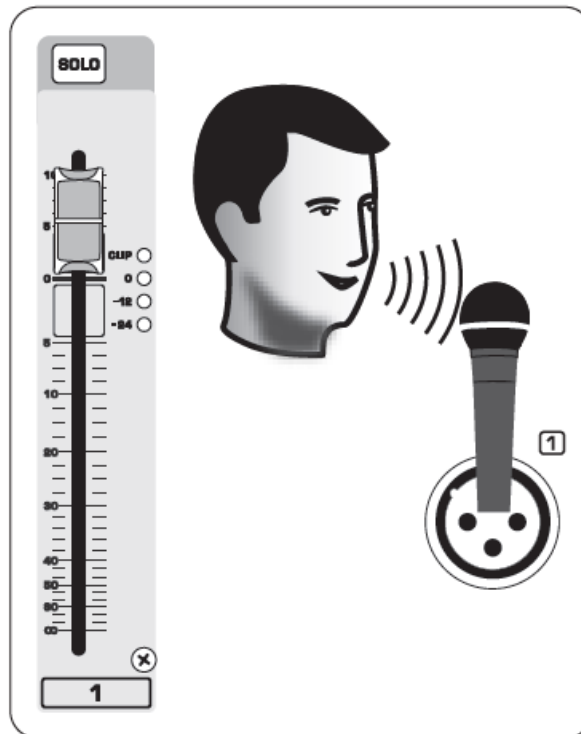
Gain Setting

Step 4: Gain Setting Press the Channel 1 SOLO button.

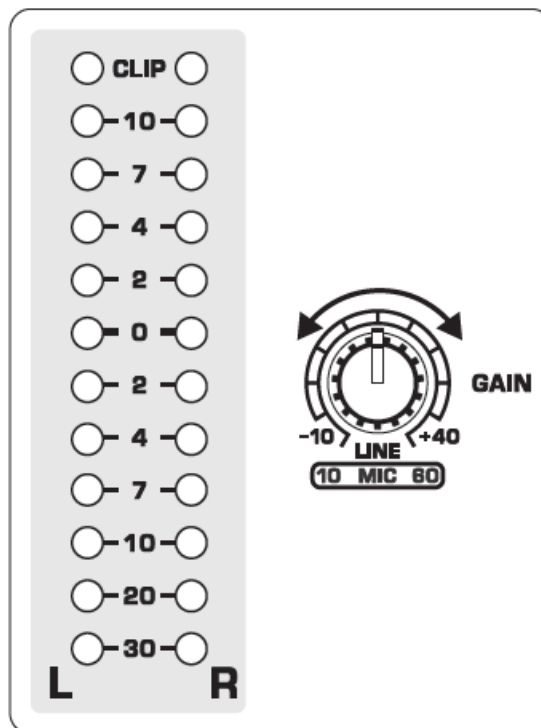
1. Press the MODE button under the VU METER in the main section to allow the METER to operate in PFL (pre-

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 knob. The VU METER will display the signal level. Set the GAIN so the loudest peaks reach 0 on the VU METER. Press the Channel 1 SOLO button again.=



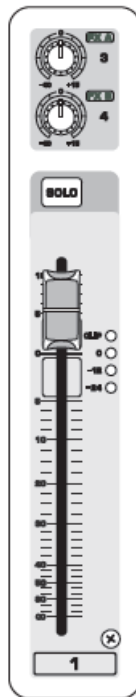
4. Repeat steps 1-3 for any other channels that will be used.

Dual Multi-FX Processors

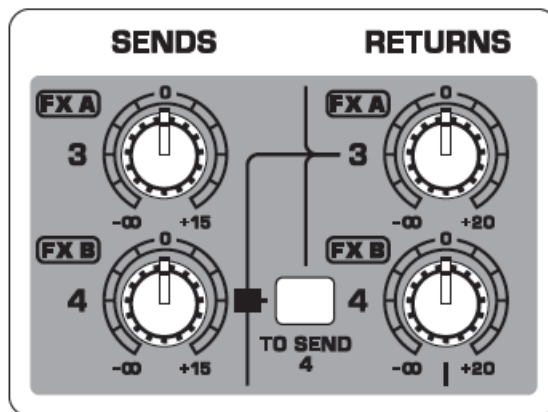
Step 5: Dual Multi-FX Processors

Your mixer has two built-in effects processors. Follow these steps to add one or two effects to one or more channels.

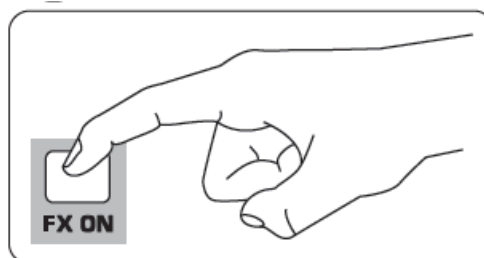
1. Turn the FX A or FX B knob up halfway on each channel you would like to add an effect to.



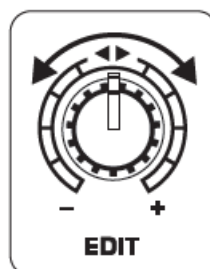
2. Turn the FX SEND and FX RETURN knobs to “0”. You may adjust them later



3. Make sure the FX ON button is pushed in.



4. Scroll through the effects by turning the FX A knob (same for FX B).
5. Adjust the intensity of the effect by turning the EDIT knob.



6. If using presets 1-8, 13-14 or 16, press the TAP/SELECT button to toggle between two different values (light off/on) for the second parameter.

To adjust the delay time of presets 9 and 15, hit the TAP/SELECT button several times in the tempo of the music piece. Similarly, hit the TAP/SELECT button several times to adjust the modulation speed of presets 10-

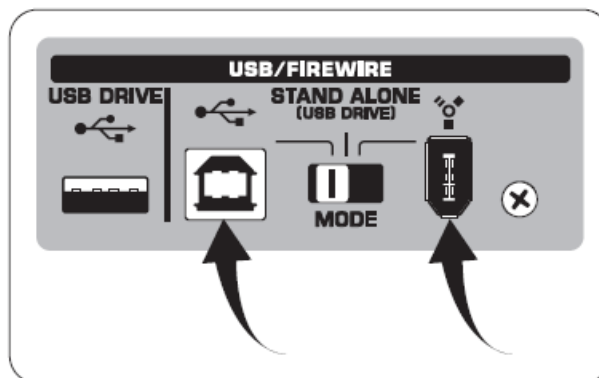
12. The button will start flashing in the corresponding tempo.
7. Readjust each channel's FX knobs to make sure the right amount of FX A or FX B is added.

FireWire and USB recording

Step 6: FireWire and USB recording

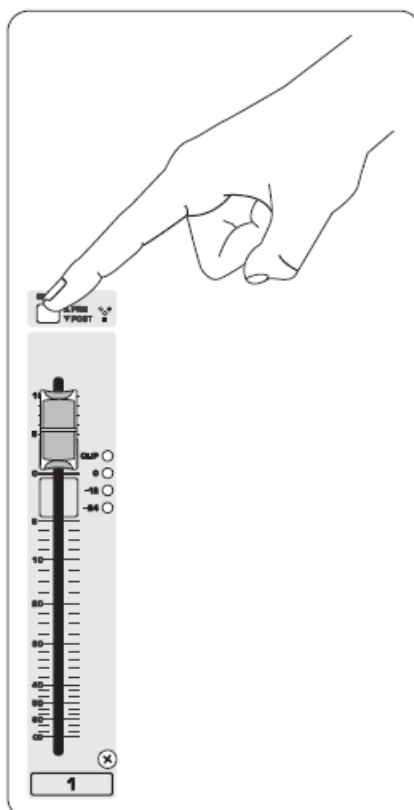
Your mixer is equipped with AD/DA converters, FireWire and USB connections for sending audio to and from your computer

1. Make sure the drivers for the UFX1604 are loaded on your Windows computer (driver is not required for Mac OS X).
2. Connect the mixer to the computer via FireWire or USB. Make sure you set the 3-way switch on the back panel of the mixer accordingly.

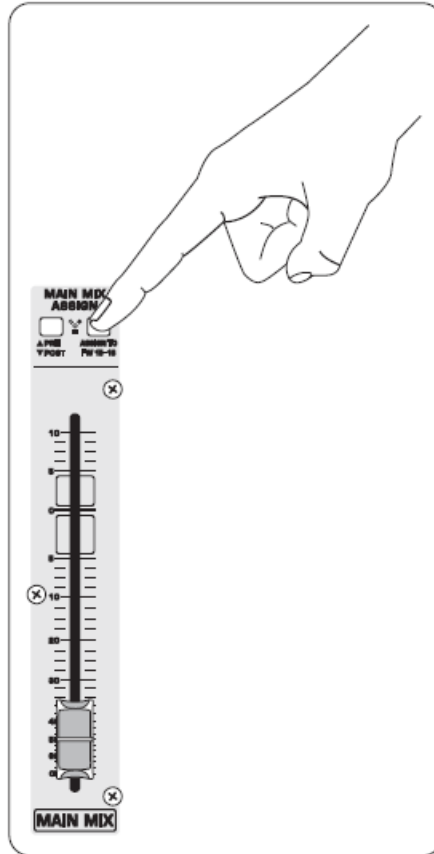


3. Select the UFX1604 inputs and outputs you'd like to use in your recording software.
4. Set your desired sample rate and bit depth from within your DAW (digital audio workstation) software.
5. Connect your microphones, instruments and line level sources to the channel inputs. Each channel can be recorded pre or post EQ as its own mono or stereo track in your recording software. It is also possible to record the AUX sends on channels 13/14.

The MAIN Mix can also be recorded by pressing the MAIN MIX ASSIGN TO FW 15-16 button. This will send the main mix to your DAW through output 15/16.



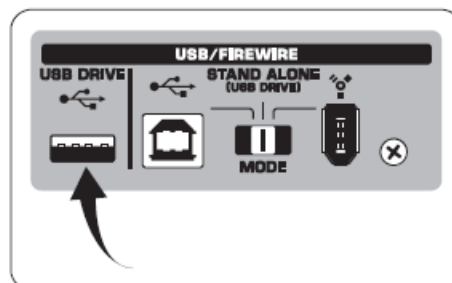
- Arm the tracks in your recording software and record when ready.










Recording to USB drive in STAND-ALONE mode



Step 7: Recording to USB drive in STAND-ALONE mode











- Make sure the STAND ALONE mode is selected on the back of the mixer (center position).



- When a new USB drive is inserted for the first time, the mixer tests the writing speed of the drive to determine the audio quality. The outcome appears on the TRANSPORT CONTROL screen as “Lo” (16 bit) or “Hi” (24 bit). If the drive is too slow for recording, the display will show “SLO” after testing
- If your drive needs to be formatted, press  and  simultaneously on the TRANSPORT CONTROL until the display reads, “For” (blinking). Push  to initiate formatting or  to abort
- To show the sample rate setting, push and hold the TIME REMAIN button until the sample rate is displayed.
- To change the sample rate to 44.1 kHz, push and hold TIME REMAIN until the sample rate appears and then press  while still holding TIME REMAIN
- To change the sample rate to 48 kHz, push TIME REMAIN until the sample rate appears and then press  while still holding TIME REMAIN.
- With all your microphones, instruments and source signals connected press the  button on the TRANSPORT










CONTROL to create a new folder on the USB drive with the individual channels as files. Congratulations! You are now recording.






8. Press  when finished. The recordings are displayed on the TRANSPORT CONTROL screen as numbers (1-99).
9. To toggle between recording and playlist modes, press TIME REMAIN and  at the same time for two seconds.
10. To listen or navigate through recordings you have made, you must be in recording mode. Playlist mode is ONLY for playing back WAV files you copied to your drive from a PC/ Mac.

While in recording mode, press  to hear what you just recorded. To return to the start, press  the button on the TRANSPORT CONTROL once. Press  twice to move to the previous recording. Press  to move to the start of the next recording. Note: long push on the  or  will not fast forward or rewind within the track. ONLY tracks 15 and 16 will be played back on channels 15 and 16 unless you route the MAIN MIX signal to FW 15-16 (in the MAIN MIX ASSIGN section). This allows the MAIN MIX signal to be recorded and played back via channels 15 and 16.
11. To toggle between single playback and continuous playback mode (in playlist mode), long press PLAY.
12. To delete the current song in recording mode, playback or recording must be stopped. Press  and  together. Press  to complete deletion or  to cancel.
13. IMPORTANT NOTE: the USB recorder only plays songs if they are .wav files with sample rates of 44.1 or 48.0 kHz from the folder labeled "MyWav." No subfolders are accepted.

Recording to USB drive in STAND-ALONE mode

Step 7: Recording to USB drive in STAND-ALONE mode

| Transport Control Feature Chart | |
|--|--|
| Show Remaining Time |  Press TIME REMAIN short |
| Show Sampling Rate |  Push and hold TIME REMAIN button until the sample rate is displayed |
| Select Sampling Rate 44.1 kHz |  Push and hold TIME REMAIN until the sample rate appears and then press  while still holding TIME REMAIN |
| Select Sampling Rate 48 kHz |  Push TIME REMAIN until the sample rate appears and then press  while still holding TIME REMAIN |
| Toggle PLAY<>PAUSE |  Press PLAY (to start) > press PLAY (to pause) > press PLAY (to continue) > etc. |
| Toggle Recording Mode (e.g. "001") <> Playlist Mode (e.g. "P01") |  Push TIME REMAIN +  for two seconds |

| | |
|--|---|
| Toggle Single Playback ("Pxx") <> Continuous ("cxx") Playlist [only in Playlist Mode] |  Push PLAY for two seconds |
| FAT-formatting the USB drive* |  Press together STOP +  for two seconds |
| Delete current song (in Recording Mode)* |  Press together PLAY +  for two seconds |

*press PLAY to confirm / any other button to abort





| Error Codes: | |
|--------------|---|
| DrP | Dropout while recording. A summary of the total number of dropouts will be displayed after recording (e. g. d03). |
| FSE | File system error. Incompatible file system on the drive. Drive must be formatted by the UFX. |
| oFF | Recorder switches off if a drive has been specified as SLO (too slow). |
| SLO | The connected USB drive has been specified as too slow. No recording will be possible. |

Although USB sticks and 2.5" USB-powered external drives could work, the use of powered hard drives for direct recording with the internal USB recorder is recommended.

Using the MIDI CONTROL Features

Step 8: Using the MIDI CONTROL Features

The TRANSPORT CONTROL section on the UFX1604 can operate as a MIDI controller in one of two modes: STANDARD MIDI MODE or MACKIE CONTROL MODE.

1. The Mixer must be turned off.
2. To select MACKIE CONTROL MODE, hold , turn the power on and then release  when "MAC" shows up in the display. To select STANDARD MIDI MODE, Hold , turn the power on, then release  when "STD" shows up in the display.
3. For STANDARD MIDI MODE, map the transport controls in your recording software to the TRANSPORT CONTROL buttons on the UFX1604. In MACKIE CONTROL MODE, set your recording software to follow the appropriate protocol.

For further information, see the full manual at behringer.com.

Specifications

| Mono Inputs | |
|--|--|
| Microphone inputs (XENYX mic preamp) | 8 |
| Type | XLR, electronically balanced, discrete input circuit |
| Mic E.I.N. ¹ (20 Hz - 20 kHz) | |
| @ 0 Ω source resistance | -129 dB / 132 dB A-weighted |
| @ 50 Ω source resistance | -128 dB / 130.5 dB A-weighted |
| @ 150 Ω source resistance | -126 dB / 129 dB A-weighted |
| Frequency response | <10 Hz – 140 kHz (-1 dB) <10 Hz – 200 kHz (-3 dB) |
| Gain range | +10 dB to +60 dB |
| Max. input level | +12 dBu @ +10 dB gain |
| Impedance | approx 2.06 k Ω balanced |
| Signal-to-noise ratio | 112 dB A-weighted (-10 dBu in @ +32 dB gain) |
| Distortion (THD+N) | 0.0045% (-20 dBu in @ +20 dB gain) |
| Phantom power | +48 V, switchable per mic channel |
| Hi-Z input impedance | 1 M Ω |
| Line Inputs | |
| Type | ¼" TRS connector, balanced |
| Impedance | 20 k Ω balanced, 10 k Ω unbalanced |
| Gain range | -10 dB to +40 dB |
| Max. input level | 30 dBu |
| Stereo Inputs | |
| Type | ¼" TRS connector, balanced |
| Impedance | 20 k Ω balanced, 10 k Ω unbalanced |
| Gain range | -20 dB to +20 dB |
| Max. input level | +22 dBu |
| CD/Tape In | |
| Type | RCA connector |
| Impedance | 10 k Ω |
| Max. input level | +22 dBu |
| EQ Mono Channels | |
| Low | 80 Hz / ± 15 dB |
| Low mid | 100 Hz to 2 kHz / ± 15 dB |
| High mid | 400 Hz to 8 kHz / ± 15 dB |
| High | 12 kHz / ± 15 dB |
| Low cut | 80 Hz, 18 dB/oct. |
| EQ Stereo Channels | |
| Low | 80 Hz / ± 15 dB |
| Low mid | 300 Hz / ± 15 dB |
| High mid | 3 kHz / ± 15 dB |
| High | 12 kHz / ± 15 dB |
| Channel Inserts | |
| Type | ¼" TRS connector, unbalanced |
| Max. input level | +22 dBu |
| Crosstalk | |
| Main fader closed | 90 dB |
| Channel muted | 88 dB |
| Channel fader closed | 88 dB |
| Aux Sends | |
| Type | ¼" TS connector, unbalanced |
| Impedance | 120 Ω |
| Max. output level | +22 dBu |

| Aux Returns | |
|---------------------------------|---|
| Type | ¼" TRS connector, balanced |
| Impedance | 20 k Ω balanced, 10 k Ω unbalanced |
| Max. input level | +22 dBu |
| Main Outputs | |
| Type | XLR and ¼" TRS balanced |
| Impedance | 240 Ω balanced, 120 Ω unbalanced |
| Max. output level | +28 dBu |
| Control Room Output | |
| Type | ¼" TS connector, unbalanced |
| Impedance | 120 Ω |
| Max. output level | +22 dBu |
| Dual Phones Output | |
| Type | ¼" TRS connector, unbalanced |
| Max. output level | +22 dBu / 23 Ω - 300 mW @ 100 Ω |
| CD/Tape Out | |
| Type | RCA connector |
| Impedance | 1 k Ω |
| Max. output level | +22 dBu |
| Dual Effects | |
| Converters | 2 x 24-bit Delta-Sigma, 128-times oversampling |
| Sampling rate | 48 kHz |
| FireWire/USB Interface | |
| Operation modes | FireWire 400 or USB 2.0 |
| Connectors | 6-pin FireWire 400 (IEEE1394A), USB 2.0 Type B |
| Converters | 24-bit |
| Sample rate | 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz |
| Channel number | 16 x 4 in/out |
| Operating systems | Windows XP or higher, Mac OS X |
| Low latency audio support | ASIO (Win), CoreAudio (Mac) |
| Transport section MIDI control | Standard MIDI mode (CC/note commands) or Mackie control mode |
| USB Recorder (Stand Alone Mode) | |
| Connector | USB 2.0 (Type A) |
| Storage device | External USB 2.0 hard-disk drive (operation depends on required power consumption) |
| Sample rate | 44.1 kHz, 48 kHz |
| File format | WAV (uncompressed) |
| File system | FAT 16 / FAT 32 |
| Number of recorded channels | 16 tracks (stored as mono WAV files) |
| Power Supply | |
| Mains voltage | 100 - 240 V~, 50/60 Hz |
| Power consumption | 65 W |
| Fuse (100 - 230 V~, 50/60 Hz) | T 2A H 250 V |
| Mains connector | Standard IEC receptacle |
| Physical/Weight | |
| Dimensions (H x W x D) | 105 x 445 x 547.5 mm (4.1 x 17.5 x 21.6") |
| Weight | 7.3 kg (16.1 lbs) |

¹ Equivalent Input Noise

| Effect no. | Effect | EDIT Parameter 1 | TAP/SELECT Parameter 2 | TAP/SELECT LED |
|------------|-------------|-------------------------|---------------------------|-------------------------|
| 1 | CATHEDRAL | Reverb time | Brilliance | off/on |
| 2 | CONCERT | Reverb time | Brilliance | off/on |
| 3 | CLUB | Reverb time | Brilliance | off/on |
| 4 | CHAMBER | Reverb time | Brilliance | off/on |
| 5 | GOLD PLATE | Reverb time | Brilliance | off/on |
| 6 | GATED REV | Reverb time | Brilliance | off/on |
| 7 | REVERSE | Reverb time | Brilliance | off/on |
| 8 | AMBIENCE | Room size | Brilliance | off/on |
| 9 | DELAY | No. of repetitions | Time interval TAP | flashing (BPM tempo) |
| 10 | CHORUS | Intensity | Tempo TAP | flashing (tempo) |
| 11 | FLANGER | Intensity | Tempo TAP | flashing (tempo) |
| 12 | PHASER | Intensity | Tempo TAP | flashing (tempo) |
| 13 | ROTARY | Intensity | Tempo | off/on |
| 14 | PITCH SHIFT | Semi-tone steps (+/-12) | Detune | off/on |
| 15 | DELAY+REV | Delay vs. reverb ratio | Time interval TAP | flashing (BPM tempo) |
| 16 | CHORUS+REV | Chorus vs. reverb ratio | Reverb time | off/on |

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MACKIE IS A REGISTERED TRADEMARK OF LOUD TECHNOLOGIES INC.

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
- **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 UFX1604

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 device 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

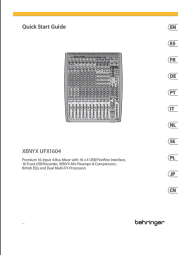
Changes or modifications to the equipment not expressly approved by Music Tribe can void the user's authority to use the equipment.

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:** Gimmel Strand 44, DK-1202 København K, Denmark
- **UK Representative:** Music Tribe Brands UK Ltd.
- **Address:** 8th Floor, 20 Farringdon Street London EC4A 4AB, United Kingdom XENYX UFX1604

Documents / Resources

| | |
|--|---|
|  | <p>behringer XENYX UFX1604 Premium 16 Input 4 Bus Mixer [pdf] User Guide</p> <p>XENYX UFX1604 Premium 16 Input 4 Bus Mixer, XENYX UFX1604, Premium 16 Input 4 Bus Mixer, Input 4 Bus Mixer, Bus Mixer</p> |
|--|---|

References

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- [m Music Tribe](#)
- [m Music Tribe](#)
- [User Manual](#)

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