



behringer X-TOUCH Universal Control Surface with 9 Touch-Sensitive Motor Faders User Guide

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Quick Start Guide



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Important Safety Instructions

CAUTION



RISK OF ELECTRIC SHOCK! DO NOT OPEN!



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

Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modifications 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 the 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 bookcase 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

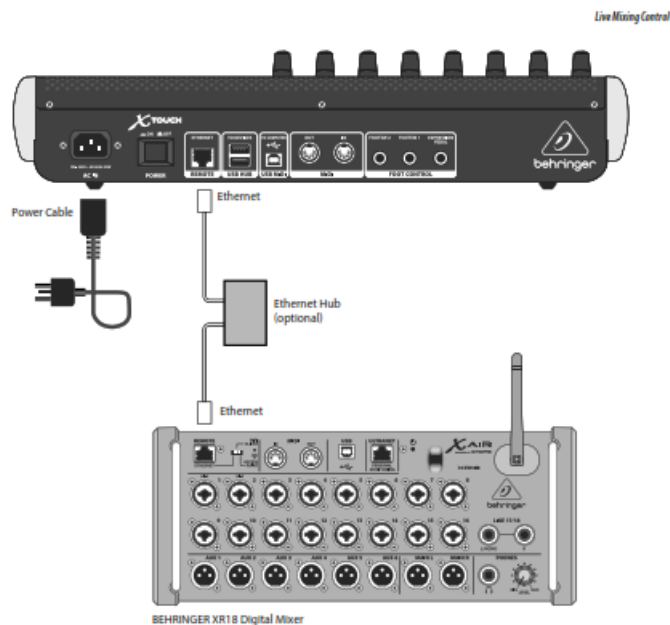
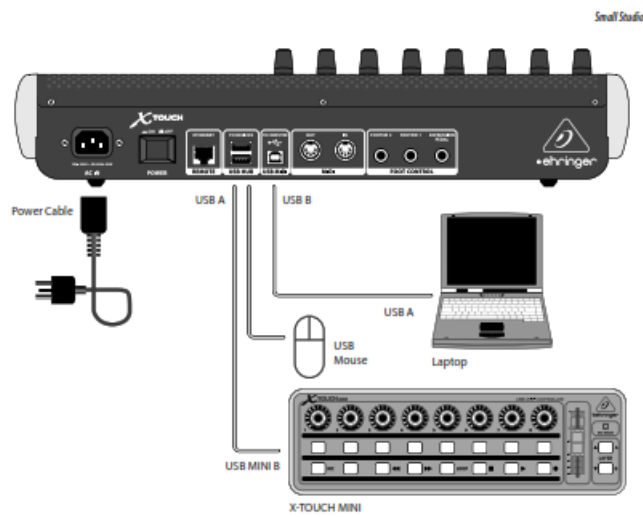
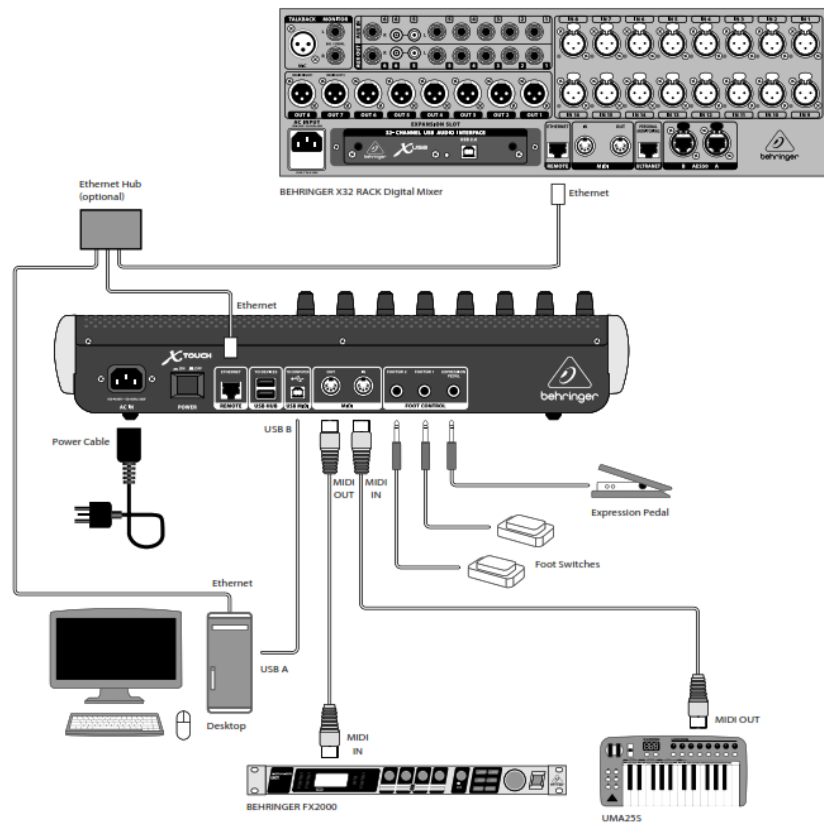
Music Tribe accepts no liability for any loss which may be suffered by any person who relies either wholly on or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice. All trademarks are the property of their respective owners. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Oberheim, Auratone and Coolaudio are trademarks or registered trademarks of Music Tribe Global Brands Ltd. © Music Tribe Global Brands Ltd. 2021 All rights reserved.

LIMITED WARRANTY

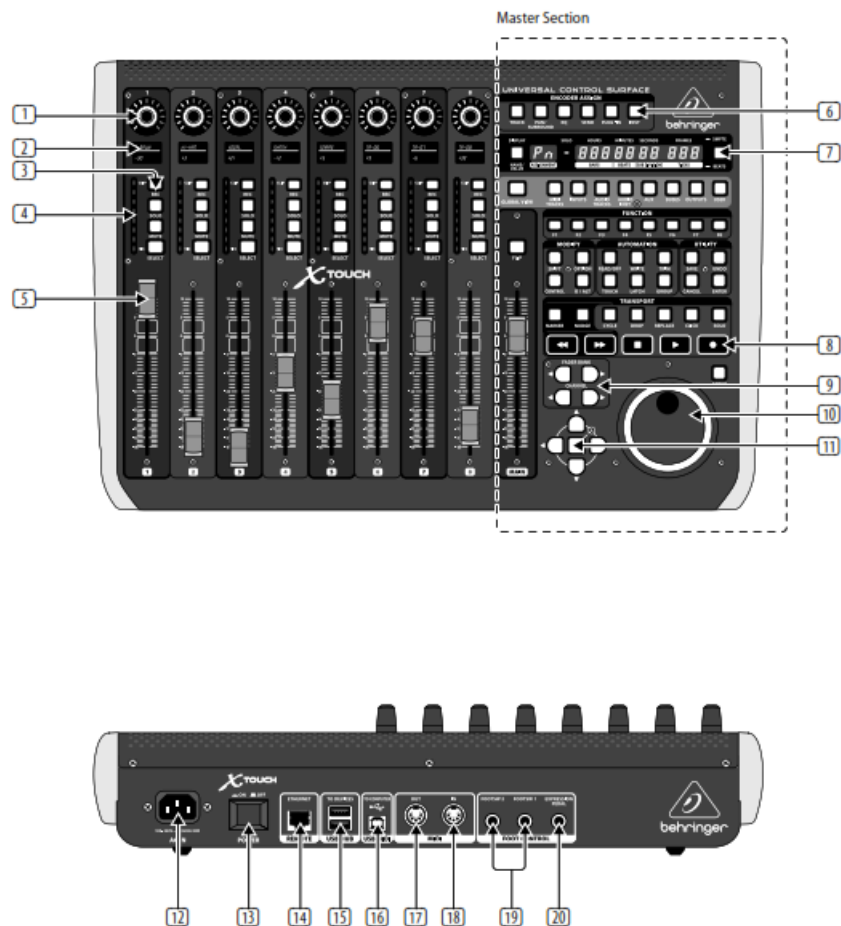
For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at musictribe.com/warranty.

X-TOUCH Hook-up

Step 1: Hook-Up



X-TOUCH Controls



Step 2: Controls

Operation Modes

The X-TOUCH supports HUI and MC communication protocols for seamless integration with every compatible music production software. Other modes will be made available with future firmware updates. The procedure for changing modes is shown in the Getting Started section.

1. Push encoder knobs – these 8 endless encoders each have a detent and push function (not illuminated), and a 13-segment amber LED ring. These are typically used in Digital Audio Workstation (DAW) applications for fine control of parameters such as aux send and pan control of channels 1 to 8. Use the encoder assign buttons in the master section to select what the encoders control.
2. Scribble strips – these 8 LCD displays indicate various parameters and labels as shown in the DAW software. They are also used to view various settings and adjustments of the unit that can then be adjusted with the encoders.
3. Channel buttons – these 4 buttons per channel are used for individual DAW mixer channel applications:
 - Rec – arms the channel for recording.
 - Solo – isolates a channel in the mix. The solo LED in the display will light when one or more channels are soloed in the mix.
 - Mute – mutes the channel.
 - Select – this selects the channel for editing.The mixer controls are then dedicated to setting up the selected channel, with details shown in each scribble strip.
4. Channel meters – these 8-LED meters show the signal level of each channel, and indicate when a signal is

present, and when it is clipping.

5. Faders – these touch-sensitive motorized 100 mm faders are typically used for fine control of level functions in DAW applications. There are 8 channel faders and 1 master on the right. The FLIP button above the master fader switches between encoder control and fader control, where finer control of parameters is needed.

Master Section

The exact function of the buttons will vary widely from one DAW to the next. We recommend that you read your DAW's documentation regarding how it operates

with external control surfaces. Among other things, there are buttons that take the place of keyboard shortcuts, utilities, and automation. The following details show some of the more common features of this section:

6. Encoder Assign – these 6 buttons are used to select the function of the encoders. Their exact function will vary between DAWs but may include track level, pan, EQ, aux send, insert effects plug-ins, and so on.
7. Display – the display can be switched between SMPTE timecode of hours, minutes, seconds and frames, or BBT bars, beats, and ticks. LEDs show the selection of SMPTE or Beats.
8. Transport buttons – the five lower buttons have familiar markings used for DAW transport applications (rewind, fast forward, stop, play, record).
9. Fader Bank and Channel – the left or right bank buttons move the channels up and down by 8 channels at a time. The channel buttons move the channels up and down in single steps.
10. Jog/Shuttle – the wheel is used for editing the audio in the DAW. Press the SCRUB button to switch the wheel between Jog and Shuttle.
11. Navigation buttons – these allow you to navigate up/down and left/right, and zoom within the DAW screen.

Rear Panel

12. AC IN – securely connect the supplied AC power cord here. Connect the other end of the cord to your local AC mains supply. Do not defeat the safety ground.
13. Power switch – press in to turn on the unit, press out to turn it off. Do not turn it on until all connections have been made.
14. REMOTE – this port is an Ethernet interface for connection to a DAW supporting RTP MIDI, or remote controlling BEHRINGER digital mixer series (future implementation).
15. USB HUB – these 2 USB type A connectors are used for connecting external USB hardware such as a USB mouse, a keyboard, USB MIDI controllers such as the X-TOUCH MINI, and USB MIDI keyboards. The Hub communicates directly to the computer and not to the X-TOUCH. Each connector can supply 5V USB power. The hub is only active when the X-TOUCH is powered on, and connected to a live computer via the USB MIDI connector.
16. USB MIDI – this USB type B connector is used to connect to a computer's USB port for MIDI data transfer (send/receive), and USB Hub communications.
17. MIDI OUT – this 5-pin DIN connector sends MIDI data to the MIDI IN of external MIDI devices.
18. MIDI IN – this 5-pin DIN connector receives MIDI data from the MIDI OUT of external MIDI devices.
19. Foot Control Foot Switch 1 and 2 – these 1/4" connectors are used for standard sustain pedals for momentary or toggle MIDI data control.
20. Foot Control Expression Pedal – this 1/4" connector is used for a standard swell pedal for continuous MIDI data control.

X-TOUCH Getting started

Step 3: Getting started

OVERVIEW

This Getting Started guide will help you set up the X-TOUCH and briefly introduce its capabilities. The X-TOUCH allows you to control your software DAW with the accurate touch and feel of a high-quality controller. With 92 handy illuminated buttons, 8 rotary push-encoders, and 9 touch-sensitive motorized 100 mm faders, it can operate a wide variety of DAWs in HUI or MC mode. Future implementations will allow control of the BEHRINGER digital mixer series.

SOFTWARE SETUP

The X-TOUCH is a USB Class Compliant MIDI device and so no driver installation is required.

CONFIGURATION MENU

Press and hold down the Channel 1 SELECT button and then turn on the unit's power switch to enter the X-TOUCH configuration menu.

Rotate encoder 1 to change the emulation mode between HUI, MC, or other (future) modes.

Rotate encoder 2 to select the interface from USB, MIDI, or Network. Setup network details with encoders 3 to 7 where required.

Rotate encoder 8 to adjust the display contrast from 0-100%.

Press Channel 1 SELECT button again to save the settings and start the selected emulation.

HARDWARE SETUP

The setup depends upon the X-TOUCH interface you have selected, USB, MIDI, or Network.

USB: connect the X-TOUCH directly to an available

USB port on your computer using the supplied USB cable.

MIDI: connect the X-TOUCH MIDI IN and OUT ports to the MIDI OUT and IN ports on your computer's external MIDI interface.

Network: after all the IP, Mask and other settings are made, connect its remote ethernet port to your network.

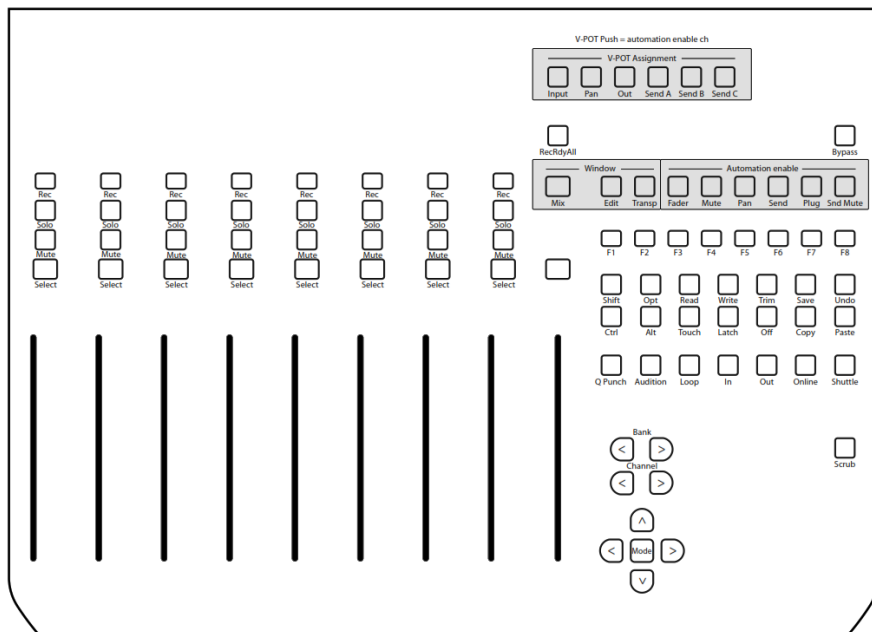
Make all other connections in your system.

Apply AC power to the X-TOUCH and turn on its power switch.

If using the network interface, search for the X-TOUCH on your network.

In your DAW software, select the X-TOUCH as your MIDI controller, and enjoy.

X-TOUCH HUI EMULATION MAP



Using the X-TOUCH with RTP MIDI

The X-TOUCH can be used as an RTP MIDI device over a network connection. This is useful in systems where long USB cables or MIDI cables would otherwise be required.

The following instructions show the general preparation of the X-TOUCH for RTP MIDI operation, and then further details for use with an OS X* network, and a Windows* network.

Preparing the X-TOUCH for RTP MIDI operation

1. On the X-TOUCH, press and hold the SELECT button of CH1 during power-up, to enter the Settings menu. Observe the text in the scribble strip displays.
2. Turn the 2nd encoder to select NETWORK.
3. The 3rd encoder allows you to select either MODE or DHCP:
 - MODE selects between using the X-TOUCH as an RTP SLAVE or an RTP MASTER. In SLAVE mode, you need to enter the IP address of the X-TOUCH into your computer's RTP MIDI settings. In MASTER mode you can enter the IP address of the computer by turning the 3rd encoder one tick to the right, and use encoders 4-7 to enter the sets of 3-digits that make up the address. You may use Port 5004 in both cases, as this is the standard port for RTP MIDI.
 - DHCP can be set to ON or OFF. When DHCP is set to ON, the X-TOUCH will get its IP address automatically within the connected network from the DHCP server. When DHCP is set to OFF, the IP, Subnet Mask, and Gateway have to be entered manually by turning the 3rd encoder to the right and accessing the following pages: my IP, my Mask, and my Gway. You can enter the IP addresses using encoders 4-7.
4. Exit the X-TOUCH setup by pressing the SELECT button of CH1 again. You will see the following in the display: IP: 000.000.000.000 Wait...
5. The IP will first switch to an internal IP before it shows the actual IP (for example IP: 010.100.001.029) within the network when DHCP is used. When the X-TOUCH is connected to the computer via the network, the Wait message will disappear.

Using X-TOUCH as an RTP MIDI device within OS X

For OS X systems, no external driver is required for RTP MIDI operation.

Slave

1. Make sure your computer and the X-TOUCH are within the same network.
2. Open AUDIO/MIDI-Settings on the computer.
3. Open MIDI Studio / MIDI Devices window.
4. Double-click on "Network."
5. Click on "+" underneath the DIRECTORY field to add a device. Insert Name, the IP of your X-TOUCH and the port (5004).
6. Create a Session by pressing "+" underneath the "My Sessions" field and activate the session created.
7. Activate the X-TOUCH and click "Connect."
8. The X-TOUCH is now available as an RTP MIDI controller. Open the preferences of your DAW and add it as a control surface. Within most DAWs, it will be detected automatically.

Master

1. Make sure your computer and the X-TOUCH are within the same network.
2. Open AUDIO/MIDI-Settings on the computer.
3. Open MIDI Studio / MIDI Devices window.
4. Double-click on "Network."
5. Create a Session by pressing "+" underneath the "My Sessions" field and activate the session created.
6. For "Who may connect to me:" choose "Anyone." X-TOUCH should appear as a participant of the session.
7. The X-TOUCH is now available as an RTP MIDI controller. Open the preferences of your DAW and add it as a control surface. Within most DAWs, it will be detected automatically.

Using X-TOUCH as an RTP MIDI device with Windows

Windows systems require the use of a third-party external driver for RTP MIDI. For example, do an internet search for "rtpMIDI" then download and install it on your computer.

Slave

1. Make sure your computer and the X-TOUCH are within the same network.
2. Open the rtpMIDI driver.
3. Click on "+" underneath the DIRECTORY field to add a device. Insert Name, the IP including port address (e.g. 10.100.1.29:5004) of your X-TOUCH.
4. Create a Session by pressing "+" underneath the "My Sessions" field and activate the session created.
5. Activate the X-TOUCH and click "Connect."
6. The X-TOUCH is now available as an RTP MIDI controller. Open the preferences of your DAW and add it as the control surface.

Master

1. Make sure your computer and the X-TOUCH are within the same network.
2. Open the rtpMIDI driver.
3. Create a Session by pressing "+" underneath the "My Sessions" field and activate the session created.
4. For "Who may connect to me:" choose "Anyone." X-TOUCH should appear as a participant of the session.

5. The X-TOUCH is now available as an RTP MIDI controller. Open the preferences of your DAW and add it as a control surface.

*OS X is a trademark of Apple Inc.

*Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

Specifications

Controls	
Rotary/Push controls with LED collar	8
Buttons with LED backlight	92
Faders	9 motorized faders, 100 mm, touch-sensitive
Wheel	1 jog/shuttle
Foot control (expression)	1/4" TS
Footswitch (sustain)	1/4" TS x 2

Display	
Time	7-segment LED x 10
Channel assignment	7-segment LED x 2
Channel level	8-segment LED with SIG and CLIP
Channel display	Color LCD scribble strip x 8

MIDI	
Input	5-pin DIN
Output	5-pin DIN

Computer Connection	
USB	USB 2.0, type B
Ethernet	RJ45

USB Hub	
Type	Multi-TT USB 2.0
Connectors (x2)	USB 2.0, type A
Voltage (USB power to external devices)	5 V

Power Supply	
Type	Internal switch-mode power supply
Voltage	100-240 VAC, 50/60 Hz
Fuse	T 1A H 250 V
Power consumption	30 W
Mains connection	Standard IEC receptacle

Physical	
Standard operating temperature range	5 °C to 40°C (41°F to 104°F)
Dimensions (H x W x D)	100 x 452 x 301 mm (3.9 x 17.8 x 11.9")
Weight	4.3 kg (9.4 lbs)

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

X-TOUCH

Responsible Party Name: Music Tribe Commercial NV Inc.

Address: 5270 Procyon Street, Las Vegas NV 89118, United States Phone Number: +1 702 800 8290X-TOUCH

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- 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: Ib Spang Olsens Gade 17, DK – 8200 Aarhus N, Denmark

We Hear You

Documents / Resources

	<p>behringer X-TOUCH Universal Control Surface with 9 Touch-Sensitive Motor Faders [pdf]</p> <p>User Guide</p> <p>X-TOUCH, Universal Control Surface with 9 Touch-Sensitive Motor Faders, X-TOUCH Universal Control Surface with 9 Touch-Sensitive Motor Faders</p>
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References

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