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TCHELICON GO XLR Mini Broadcast Mixer User Guide

Quick Start Guide

GO XLR MINI
Online Broadcast Mixer with USB/Audio Interface and Midas Preamp

Welcome
About this document
This Quick Start Guide will help you set up, connect and begin operating your GO XLR MINI.
GO XLR MINI App
The GO XLR app is REQUIRED to operate your GO XLR MINI.
GO XLR app key features include:

- EQ, Compress, and Gate your mic

- Set up and define mixer controls

- Change product lighting

- Direct access to product manuals

- Access to TC Helicon support

Minimum Hardware:	
PC-based Hardware	-Core 2 DUO CPU -Ethernet port -1 GB RAM
Recommended Operating Systems:	
Windows*	-Windows 7, 32-bit or 64-bit -Windows 8, 32-bit or 64 bit -Windows 10, 32-bit or 64-bit†

* Windows is either a registered trademark or trademark of Microsoft Corporation in the theUnited States and/or other countries.
† Windows 10 operating system is recommended due to this system's audio re-mapping capabilities.

Connection Diagram

Studio Vocal Mic

External Audio Device (if applicable)

Gaming/Streaming Computer

Dedicated Streaming Computer (if applicable)

Gaming Console

Gaming Headset with Mic

Audio out to GO XLR via headphone output

Power via USB (no audio)

Blue Yeti Microphone

Computer

Blue Yeti Mic Recommended Connection
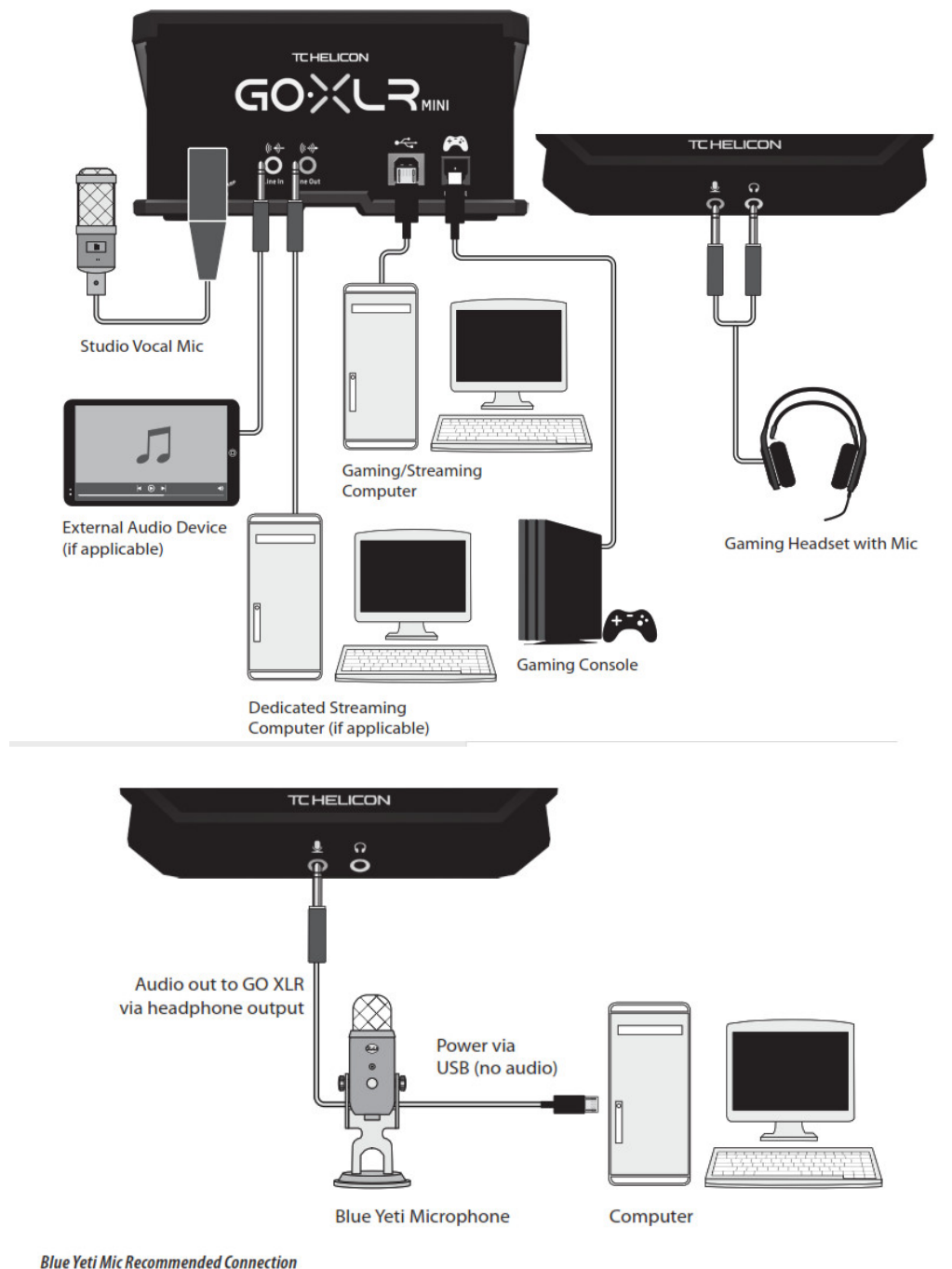
Setup Steps

1. Download and install the driver/application package.

   You may be asked to reboot during this process:

   a. **https://www.tc-helicon.com/Categories/c/**Tchelicon/Downloads

   b. In the "Product" row, scroll down and click on "GO XLR MINI".

2. When the driver and app install has been completed, close the application.

3. Connect GO XLR MINI via USB to your computer.

4. Wait for GO XLR MINI to power up (just a few seconds).

5. Re-open the GO XLR App.

6. The bottom corner of the GO XLR App window should say "GO XLR MINI connected via USB".

7. Open the Windows "Sound Settings" panel:

   a. Under "Choose your output device", choose "System (TC-Helicon GO XLR MINI)".

   b. Under "Choose your input device", choose "Chat Mic (TC-Helicon GO XLR MINI)".

c. These actions set your main Windows sound output to the "System" fader (slider) on GO XLR MINI and designate your XLR MIC INPUT or 3.5mm MIC input as your main mic input.

8. For any chat applications like Discord, Skype, TeamSpeak, In-game chat, etc.:

a. Pick "Chat Mic (TC-Helicon GoXLR Mini)"as your INPUT device.

b. Pick "Chat (TC-Helicon GoXLR Mini)"as your OUTPUT device.

c. These actions set your chat program's volume control to the "Chat" fader (slider) on GO XLR MINI.

9. For music, games or other applications:

a. On the Windows "Sound Settings" panel, click on "Other Sound Options" at the bottom.

b. Make sure your game, music player, etc. is playing audio. (You won't see your program listed if it's not currently making any sound).

c. Find the program you'd like to assign to a fader (slider) in the list.

d. Click the dropdown list to the right of the program name, and choose the slider you'd like that program to appear on. For example, you might pick "Music (TC-Helicon GoXLR Mini)" for Spotify.

10. 10. In your broadcast program, choose "Broadcast Stream Mix (TC-Helicon GoXLR Mini)" as your ONLY incoming audio device:

a. In OBS, go to File → Settings → Audio:

i. Choose "Broadcast Stream Mix (TC-Helicon GoXLR Mini)" as your Mic/Auxiliary Audio Device.

ii. For ALL other devices, pick DISABLED.

b. In SLOBS, click on the cogwheel in the top right corner:

i. Click on Audio.

ii. Choose "Broadcast Stream Mix (TC-Helicon GoXLR

Mini" as your Mic/Auxiliarly Device 1.

iii. For ALL other audio devices, pick DISABLED.

c. In XSplit choose Tools → Settings → Audio:

i. Under Microphone, choose "Broadcast Stream Mix (TC-Helicon GoXLR Mini)".

ii. For Audio Preview and System Sound choose NONE.

iii. You may get a warning popup. Click ok!

11. These steps should get you up and running. For all other features, we have a great series of YouTube videos, an active Discord community, a full user manual, and a wonderful support team. Please use the links in the Get Help! Section to connect with us.

Troubleshooting

Problem	Possible Solution
Excessive hum and noise	- Check to make sure all outlets are properly grounded. - Make sure audio cables are away from power adapters and power supplies - If necessary, purchase a "ground loop isolator" device (available from Amazon and other retailers).
I can't hear my mic	- Ensure that you've gone through the Mic Setup steps, including picking "Condenser (24 V)" if your mic requires "phantom power". - Check to see that your mic mute button hasn't been activated. - Connect EITHER an XLR OR a 3.5 mm mic. The XLR jack is automatically disabled when you connect a 3.5 mm mic.
The App won't connect to my device	- Close the GO XLR App by clicking on the "X" in the upper right corner. - Select "Exit" from the "Close App" pop-up window. - Unplug GO XLR MINI. - Plug GO XLR MINI back in. - Restart the GO XLR App.

Controls
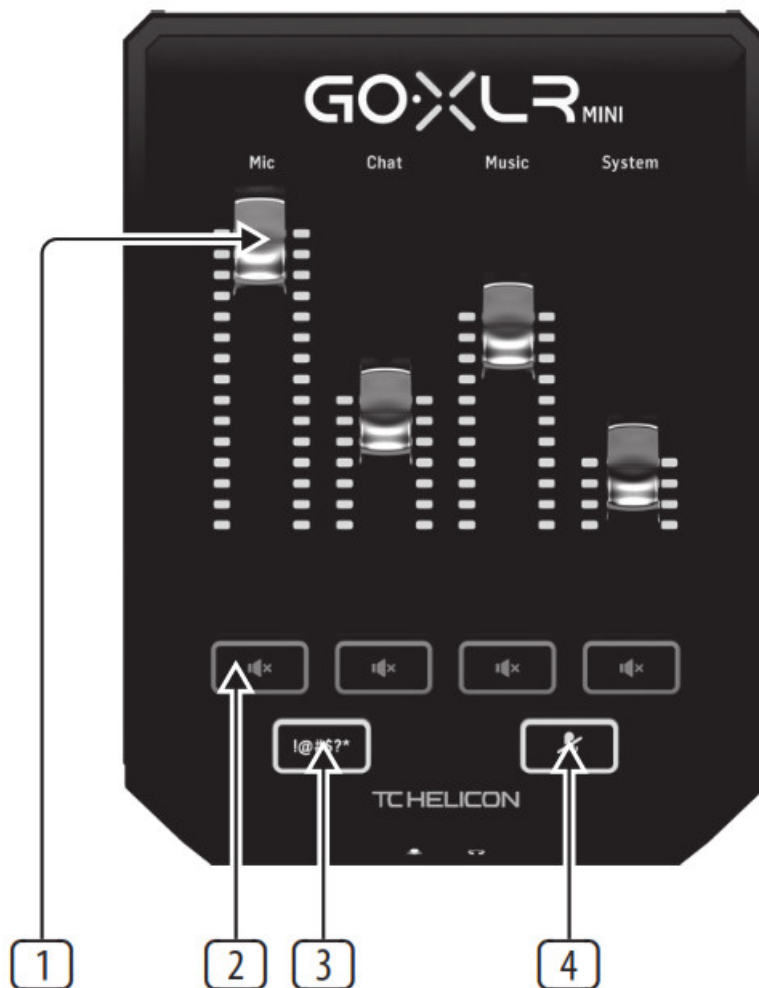
1. CHANNEL FADERS control individual channel levels in your mix.

2. CHANNEL MUTE switches off the matching channel in the mixer.

3. !@#$* button lets you instantly censor and "bleep out" your mic.

4. "COUGH" mutes your microphone while the button is held.
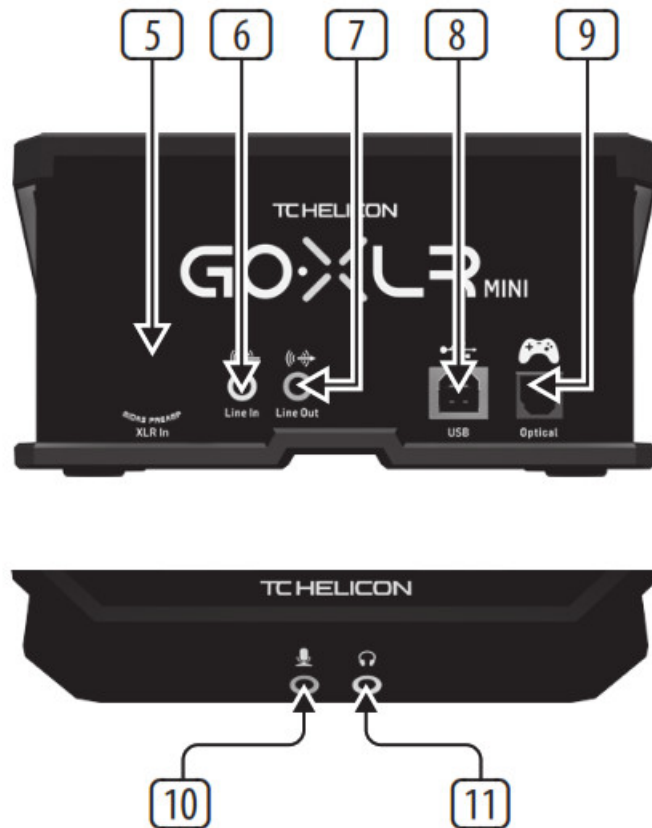
5. XLR MIC INPUT for audio input from professional microphones. For condenser-style microphones that require "phantom power", go to the MIC tab in the GO XLR app and activate the "Condenser" setting under MIC TYPE.

6. LINE IN for audio input from devices such as phones, tablets, computers, etc. The LINE IN connection can also be used in a "2 PC" streaming setup to send chat alerts back into GO XLR MINI.

7. LINE OUT contains an exact copy of your broadcast stream audio. This connection can be used to connect to a dedicated streaming computer or other devices like speakers.

8. USB input for PC connection, firmware updates and remote control with GO XLR app.
   NOTE: GO XLR MINI is designed for use with USB 2.0 ports. USB 3.0/3.1 ports can cause audio dropouts and disconnections.

9. OPTICAL input for connection to SONY PlayStation †or Microsoft Xbox‡consoles.

10. MIC input for connection to headset microphones.
    Typically, this headset connection will be a pink connector.
    NOTE: If you intend to use the popular Blue Yeti*microphone, which has its own built-in headphone output, you should run that built-in headphone output into the GO XLR MINI's MIC input. For Blue Yeti mics powered via USB, plug the USB connector directly into your computer for power, but do not select the Blue Yeti as an audio source on the computer. Instead, the Blue Yeti's headphone output will be the audio source for mixing inside GO XLR MINI.

11. PHONES output jack for your headphones. Typically, the headphone connector will be a green connector.

*Yeti is a registered trademark of Blue Microphones.
†PlayStation is a registered trademark or trademark of Sony Interactive Entertainment Inc. SONY is a registered trademark of Sony Corporation.
‡Xbox is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

Specification

Analog Connections	
Microphone In	1 x XLR, balanced| OR 1 x 1/8″ TS, unbalanced
Phantom power	+24 V
Line In	1 x 1/8″ TRS
Line Out	1 x 1/8″ TRS
Headphone Out	1 x 1/8″ TRS
Digital Connections	
USB	1 x USB 2.0, type B
Optical	1 x Toslink
Controls	
Faders	4
Lighting	RGB
Buttons	6
System / Processing	
A/D – D/A conversion	24-bit @ 48 kHz
Effects	EQ, compression and gating
Frequency response	10 Hz to 20 kHz, +0/-2 dB
Dynamic range	> 110 dB
S/N ratio	> 101 dB
Power Supply / Voltage	
Power input	USB Power, 5 V DC, 0.5 A (USB cable included)
Power consumption	2.5 W
Dimensions / Weight	
Dimensions (H x W x D)	70 x 132 x 168 mm (2.8 x 5.2 x 6.6″)
Weight	0.68 kg (1.5 lbs)

Driver, Application and Firmware Download
www.tc-helicon.com/Categories/c/Tchelicon/Downloads
Get help!
YouTube Tutorials – **https://www.youtube.com/channel/**
UCLuCYhAAOD-wMQaXDNhvFbQ
Web Support – **www.tc-helicon.com/brand/tchelicon/support**
Discord – **https://discord.gg/8Ebg3Sp**
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Documents / Resources

	TCHELICON GO XLR Mini Broadcast Mixer [pdf] User Guide GO XLR Mini Broadcast Mixer

References

- **TC Helicon | Service**
- **TC Helicon | Downloads**
- **TC Helicon Gaming**