Quick Start Guide

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

Specifications

**Analog Connections**

- **Microphone In**
  - 1 x XLR, balanced OR 1 x 1/8" TS, unbalanced

- **Phantom power**
  - +24 V, switchable via control app

- **Line In**
  - 1 x 1/8" TRS, stereo

- **Line Out**
  - 1 x 1/8" TRS, stereo

- **Headphone Out**
  - 1 x 1/8" TRS, stereo

**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)

---

**Controls**

- **CHANNEL FADERS**: central individual channel levels on your mix.
- **CHANNEL MUTE**: switches off the matching channel on your mix.
- **1-up button**: lets you instantly mirror and "bleep out" your mix.
- **"CUE" button**: means your microphone while the button is held.
- **XLR MIC IN**: 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.
- **LINE IN**: for audio input from devices such as phones, tablets, computers, etc. This LINE IN connection can also be used in a "2 PC" streaming setup to send chat alerts back into GO XLR MINI.
- **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.
- **USB Input**: for PC connections, 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.

- **OPTICAL Input**: for connection to SONY PlayStation™ or Microsoft Xbox™ consoles.

**MIC Input**

- For condenser-style microphones that require "phantom power," go to the MIC tab in the GO XLR app and activate the "20 V" setting under MIC TYPE.

**NOTE**: If you intend to use the popular Blue Yeti microphone, which is not built-in to GO XLR MINI, your computer for power, 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.

**PHONES Output Jack**

- For your headphones. Typically, the headphone connector will be a green connector.

---

*This 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.
§Microsoft Corporation in the United States and/or other countries.

Quick Start Guide 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:
- DL Compress and Gate your mic
- Set up and define control zones
- Change product lighting
- Direct access to product manuals
- Access to TC Helicon support

Setup Steps
1. Download and install the driver/application package. You may be asked to reboot during this process:
   b. In the "Product" row, scroll down and click on "GO XLR MINI''.
   2. When the driver and app install is complete, 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. Those actions set your main Windows sound output to the "System" fader (slider) on GO XLR MINI and keep your XLR MIC input or 3.5 mm 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 GO XLR MINI)'' as your INPUT device.
      b. Pick "Chat Mic (TC Helicon GO XLR MINI)'' as your OUTPUT device.
      c. Those 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 should see your program listed if it's not currently playing any sound.
      c. Find the program you'd like to assign a fader (slider) to your XLR MIC input.
      d. Click on Audio. These actions set your main Windows sound output to the "System" fader (slider) on GO XLR MINI.
   10. In your broadcast program, choose "Broadcast Stream Mix (TC Helicon GOXLR Mini)'' as your ONLY incoming audio device.
      a. In ORE, go to File → Settings → Audio
      b. Choose "Broadcast Stream Mix (TC Helicon GOXLR Mini)'' as your Mic/Auxiliary Audio Device.
      c. For ALL other devices, pick DISABLED.
      d. In OBS, click on the cog wheel to the right of the top corner:
      e. Click on Audio
      f. Choose "Broadcast Stream Mix (TC Helicon GOXLR Mini)'' as your Mic/Auxiliary Device 1.
      g. For ALL other audio devices, pick DISABLED.

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.
- 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.
- 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.
- 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.
- 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.

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.
- 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.
- 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.
- Re-launch GO XLR MINI.
- Plug GO XLR MINI back in.
- Restart the GO XLR App.

If any of the steps above don't work, please reach out to the TC Helicon support team. Please use the links in the Get Help! Section to connect with us.

Get help!
YouTube Tutorials - https://www.youtube.com/channel/UCdAxAAXxwCihbGnDnMz3Aiw
Web Support - www.tc-helicon.com/brand/tchelicon/support
Discord - https://discord.gg/8Ebg3Sp

Follow us!
@tc_helicon on Instagram
www.instagram.com/tc_helicon
www.youtube.com/channel/UCdAxAAXxwCihbGnDnMz3Aiw
Web Support - www.tc-helicon.com/brand/tchelicon/support
Discord - https://discord.gg/8Ebg3Sp

GO XLR app key features include:
- DL Compress and Gate your mic
- Set up and define control zones
- Change product lighting
- Direct access to product manuals
- Access to TC Helicon support

Minimum Hardware
- Core i5 CPU
- 8 GB RAM
- 1 GB VRAM
- Windows 10, 32-bit or 64-bit

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 cannot access hardware in Standard Sound System of Microsoft Corporation's sound layout unless otherwise noted.

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.
- 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.
- 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.
- 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.

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.
- 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.
- 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.
- Re-launch GO XLR MINI.
- Plug GO XLR MINI back in.
- Restart the GO XLR App.

If any of the steps above don’t work, please reach out to the TC Helicon support team. Please use the links in the Get Help! Section to connect with us.