

# AUDIOBOX GO

Ultra-compact, mobile 2x2 USB-C Audio Interface



OWNER'S MANUAL

Fender®

## Table of Contents

<b>1</b>	<b>Overview</b>	<b>1</b>	3.3	<b>Firmware update</b>	<b>6</b>
1.1	<b>Introduction</b>	<b>1</b>	3.4	<b>Installation for macOS</b>	<b>6</b>
1.2	<b>What's in the Box?</b>	<b>1</b>	3.5	<b>Using the AudioBox Go with Popular Audio Applications</b>	<b>7</b>
<b>2</b>	<b>Controls and Connections</b>	<b>2</b>	<b>4</b>	<b>Fender Studio Pro</b>	<b>8</b>
2.1	<b>Front-Panel Controls and Connections</b>	<b>2</b>	<b>5</b>	<b>Technical Information</b>	<b>8</b>
2.2	<b>Back Panel Connections</b>	<b>4</b>	5.1	<b>Specifications</b>	<b>8</b>
2.3	<b>Connection Diagram</b>	<b>5</b>			
<b>3</b>	<b>Connecting to a Computer</b>	<b>5</b>			
3.1	<b>Installation for Windows</b>	<b>5</b>			
3.2	<b>Universal Control (Windows)</b>	<b>6</b>			

## 1 Overview

### 1.1 Introduction

**Thank you** for purchasing a Fender® AudioBox Go audio interface. Fender has designed the AudioBox Go utilizing high-grade components to ensure optimum performance that will last a lifetime. Loaded with a high-headroom, a Class A microphone preamplifier, high-definition 24-bit, 96 kHz conversion; and more, the AudioBox Go breaks new boundaries for portability in music performance and production. All you need is a compatible computer or mobile device with a USB-C or USB-A (2.0 or 3.0) connection, a microphone and cable, powered speakers, and your instruments, and you are ready to record!

We suggest you read this manual in full to familiarize yourself with the features, applications, and correct connection procedures for your AudioBox Go before trying to connect it to your computer. This will help you avoid problems during installation and setup.

Throughout this manual you will find **Power User Tips** that can quickly make you an AudioBox Go expert.

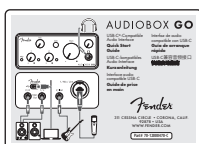
### 1.2 What's in the Box?

Your AudioBox Go package contains:

- AudioBox Go 24-bit, 96 kHz audio interface.



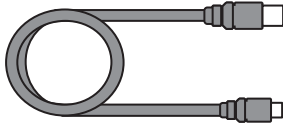
- Quick Start Guide. Use this as a handy reference guide to your hardware features while you familiarize yourself with your new interface.



## 2.1 Front-Panel Controls and Connections



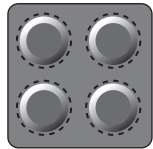
- 1M USB-C to A Cable. Use this to connect your AudioBox Go to a USB port on your computer or a powered USB hub.



- Health Safety and Compliance Guide.



- Rubber Feet.



Register your product at [my.fender.com](https://my.fender.com) for tutorials, manuals, drivers, software, and more.

## 2 Controls and Connections

### 2.1 Front-Panel Controls and Connections



**Gain Controls.** These knobs provide 50 dB of variable gain (0 to +50 dB for microphones, -15 to 35 dB for line/instrument).

**Clip indicator.** The small red to the right of the Gain Controls will illuminate when your input signal reaches -0.5 dBFS. At this level, the signal will begin to overload the analog-to-digital converters and exhibit signs of clipping. Use the gain controls to keep the signal below this level.



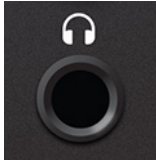
**48 Volt Phantom Power.** The AudioBox Go provides 48V phantom power for the microphone input. Pressing the 48V button switches phantom power on and off for the microphone input; the button will illuminate in blue when phantom power is available on the microphone preamplifiers.



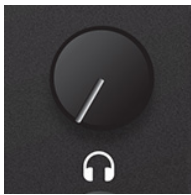
**Power indicator.** This light indicates if your AudioBox Go is powered on.



**Main Volume.** The Main knob controls the output level for the main left/right outputs on the back of your AudioBox Go and has a range of -80 dB to 0 dB. This control provides attenuation only.



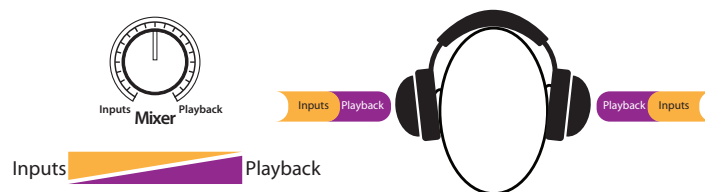
**Headphone Output.** The headphone output plays back the same sound as the Main left/right outputs.



**Headphone Level.** This knob controls the level of the headphone output.



**Mixer.** The Mixer knob allows you to blend your input signals with the playback streams from your computer so that you can monitor your input signals without any latency (delay). If the knob is positioned at 12 o'clock, the input signal and the playback stream will be equally balanced. Turning the knob to the left will increase the level of the input signal relative to the playback stream; turning to the right will increase the level of the play-back stream relative to the input signal as illustrated below:



## 2.2 Back Panel Connections



**Mic/Line combo Input.** Your AudioBox Go interface is equipped with a combo jack that works with both XLR microphones and Line-level sources. This convenient connector accepts either a 1/4-inch or an XLR connector.

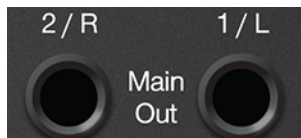
**Microphones.** The AudioBox Go combo jack is equipped with a high-quality XMAX-L solid-state microphone preamp, optimized for bus power. It's suitable for use with all types of microphones. You may need to engage the +48v power switch for use with condenser microphones, select active microphones and audio devices.

**Please note:** As with any audio input device, plugging in a microphone or an instrument, or turning phantom power on or off, will create a momentary spike in the audio output. Because of this, we highly recommend that you turn down the volume and gain controls before changing connections or turning phantom power on or off. This simple step will add years to the life of your audio equipment.

**Line-level sources.** The combo jack also supports the use of line-level devices like synthesizers, signal processors, drum machines, etc.



**Instrument Input.** The 1/4-inch connector of Channel 2 can be used with passive instruments, such as guitar, bass, etc.



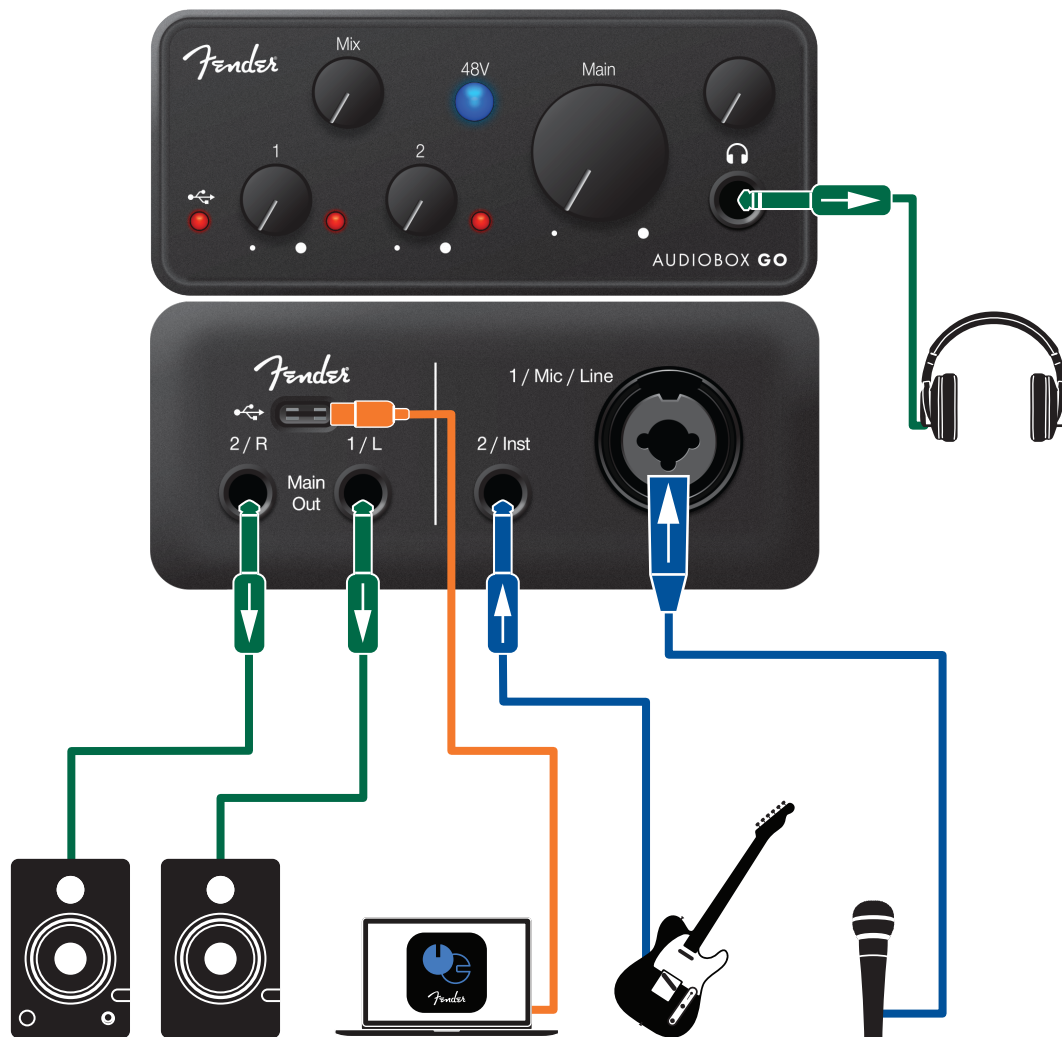
**Main Outs.** These are the Main outputs for the AudioBox Go. The output level of the Main outputs is controlled by the Main level control on the front of the unit. Playback streams 1 and 2 are routed to these outputs.



**USB-C Port.** Use this port to connect your AudioBox Go to your computer. While the AudioBox Go connects using USB-C, it is fully compatible with USB 2.0 and 3.0 connections. Use the USB-C to A cable that came with your AudioBox Go if your computer has a USB-A connection rather than a USB-C connection.

**Please note:** The AudioBox Go is backward compatible with USB 2.0 and USB 3.0 speed connections. USB 1.1 is not supported.

## 2.3 Connection Diagram



## 3 Connecting to a Computer

Before connecting your AudioBox Go to a computer, please visit [www.fender.com](http://www.fender.com) to verify the latest system requirements.

**Note:** The speed of your processor, amount of RAM, and capacity, size, and speed of your hard drives will greatly affect the overall performance of your recording system. A faster processor and more RAM will improve overall performance and allow for reduced signal latency (delay) when monitoring through recording software.

The Universal Control installers for macOS and Windows are available from your [MyFender](http://my.fender.com) user account. The Windows installer also includes the Windows ASIO driver. No driver installation is necessary for macOS. To begin, you must first visit <http://my.fender.com>, create or log into your user account, and register your AudioBox Go. Once registered, all software downloads will be available from within your [MyFender](http://my.fender.com) user account.

## 3.1 Installation for Windows

Download the Universal Control installer from your MyFender account. This application will install the ASIO and WDM drivers, as well as Universal Control. The Universal Control installer will take you through each step of the installation process. Please read each message carefully.

It is recommended that you quit all applications before you start the installation.

When the installation is complete, connect your AudioBox Go to an available USB-C or USB-A (2.0 or 3.0) port.

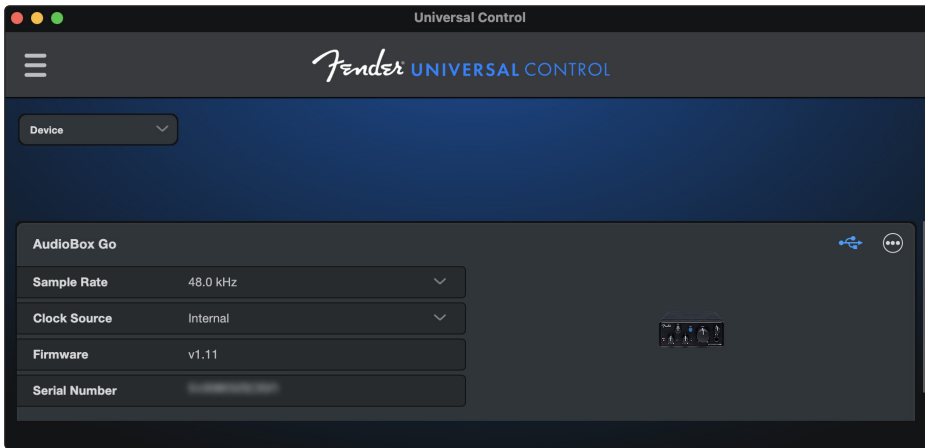
**Power User Tip:** It is recommended that you temporarily disable or turn off any anti-virus programs you have running to prevent installation issues.

## 3.2 Universal Control (Windows)



Universal Control is a powerful hardware-management application for all Fender interface products. It allows you to view any supported Fender interface product connected to your computer or your computer's network.

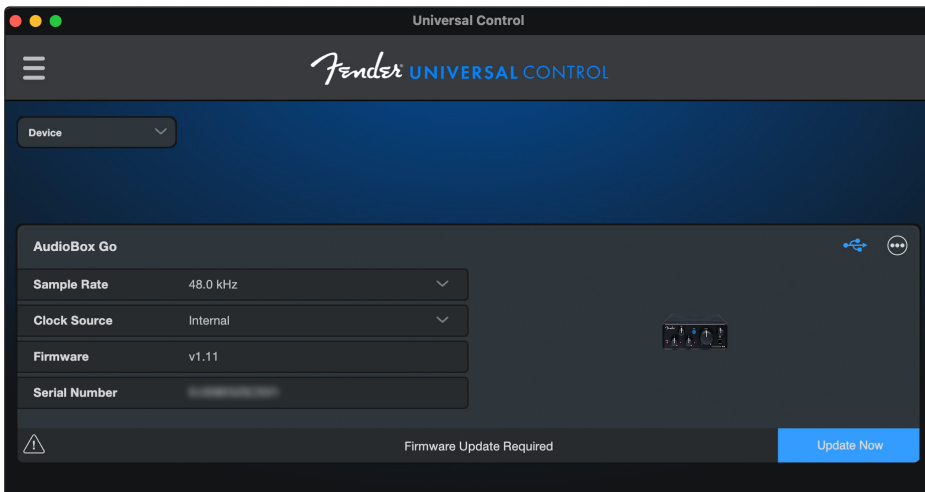
After opening Universal Control, you will see the Start Page. From this window, you can manage all the ASIO driver settings.



**Sample Rate.** You can set the sample rate to 44.1, 48, 88.2, or 96 kHz. A higher sample rate will increase the fidelity of the recording but will increase the file size and the amount of system resources necessary to process the audio.

**Buffer Size.** From this menu, you can set the buffer size. Lowering the buffer size will lower latency; however, this will also increase performance demands on your computer. In general, you will want to set the buffer size as low as your system can safely support. If you begin to hear pops, clicks, or distortion in your audio path, try raising the buffer size.

## 3.3 Firmware update



After you've installed Universal Control and connected your AudioBox Go, you may be prompted to update the AudioBox Go firmware. Updating your firmware is a quick process, just click on the "Update Now" button and Universal Control will do the rest.

Do not disconnect your AudioBox Go during the firmware update process. Once the firmware is updated, your AudioBox Go is ready to... Go!

## 3.4 Installation for macOS

Your AudioBox Go is a class-compliant Core Audio device in macOS. No driver installation is necessary. Installing Universal Control for your AudioBox Go is optional, but we recommend installation to ensure you'll always get the latest firmware updates.



### 3.5 Using the AudioBox Go with Popular Audio Applications

You can use your AudioBox Go with any audio-recording application that supports Core Audio or ASIO. Please consult the documentation that came with your audio application for specific instructions on how to select the AudioBox Go driver as the audio-device driver for your software.

**Below are basic driver-setup instructions for a few popular audio applications.**

#### Steinberg Cubase 10+

- Launch Cubase.
- If prompted to select an audio driver on startup, select the "AudioBox ASIO Driver." On macOS, select AudioBox Go. If you aren't prompted, proceed to the next step.
- Create a new or open an existing project.
- Go to Studio | Studio Setup.
- Select "Audio System" from the Devices column on the left.
- Click the ASIO Driver dropdown under Audio System.
- On Windows, select "AudioBox ASIO Driver." On macOS, select "AudioBox Go."
- On Windows, click "AudioBox ASIO Driver" under "Audio System" from the Devices column on the left. On macOS, select "AudioBox Go."
- Ensure that the input and output ports are correctly enabled and visible.

#### Ableton Live 12+

- Launch Ableton Live.
- Go to Live/Settings.
- Choose Driver Type: ASIO | Audio Device: ASIO AudioBox Go (Mac users will need to select "Core Audio").
- Choose "Audio Input Device" and select "AudioBox Go."
- Choose "Audio Output Device" and select "AudioBox Go."
- You may now select your AudioBox Go inputs and outputs for each track created in Live.

#### Apple Logic Pro 11+

- Launch Logic Pro
- Go to Logic Pro/Settings/Audio (Logic Pro | Preferences | Audio for MacOS).
- Click on the Devices Tab.
- On the Core Audio tab, check Enabled.
- In the Output Device menu, select "AudioBox Go."
- In the Input Device menu, select "AudioBox Go."
- If you are asked if you'd like to relaunch Logic, click "try (re)launch."
- Your AudioBox Go features custom I/O labels for faster work flow. To enable these labels for use in Logic, go to Mix / I/O Labels.
- The second column in the pop-up window will be named "Provided by Driver." Activate each of these labels for your AudioBox Go. When you are done, close this window.
- You are now ready to use your AudioBox Go.

#### Avid Pro Tools 2025+

- Launch Pro Tools.
- Go to Setup | Playback Engine and select your AudioBox Go from the Playback Engine menu at the top of the window. Click OK.
- Cakewalk by Bandlab

#### Launch Cakewalk

- Go to menu the menu and select Edit > Preferences
- Select Audio > Playback and Recording
- Set the Driver Mode to ASIO
- Restart Cakewalk if needed.
- Return to Edit > Preferences > Audio > Devices Tab



## 5.1 Specifications



- Select all of the Input and Output Drivers for your AudioBox Go Device only
- Cakewalk uses stereo-paired routing, so you should only see “AudioBox ASIO Driver Input 1” and “AudioBox ASIO Driver Main Out Left” as options.
- Navigate to “Drivers Settings” under same Audio Tab
- Select “ABoxGo ASIO Output 1 | 2” for Playback Timing Master
- Select “ABoxGo ASIO Input 1 | 2” for Record Timing Master

## 4 Fender Studio Pro



The AudioBox Go interface is compatible with any audio-recording application that supports Core Audio, WDM, or ASIO.

To make the process of creating new music as seamless as possible, check out Fender Studio! Record, jam, and capture your creativity whenever and wherever it strikes. Packed with authentic Fender tones, Fender Studio is fast, fun, and free for music creators of all types. We also offer Fender Studio Pro, our ultra-powerful professional digital audio workstation. For more information, visit [fender.com](https://fender.com).

With full support on iOS, Android, Windows, macOS, and Linux, Fender Studio works seamlessly on everything from iPhones and Chromebooks to PCs, Macs, and more. You can download Fender Studio at [fender.com](https://fender.com) or on your supported mobile device's app store.

Operating instructions for Fender Studio is beyond the scope of this Owner's Manual. For more detailed information about all of the available features in Fender Studio, check out the Fender Studio User Manual.

## 5 Technical Information

### 5.1 Specifications

Microphone Preamp	
Type	XLR Female (via Combo), Balanced
Max Input Level (Unity Gain, 1 kHz @ 0.5% THD+N)	+10 dBu ( $\pm 0.5$ dBu, min gain)
Gain Control Range	50 dB
Frequency Response	20 Hz - 20 kHz ( $\pm 0.3$ dBu, unity gain, unwt'd)
THD+N (unwt'd, 1 kHz @ +4 dBu Output, Unity Gain)	0.004% (1 kHz, -1 dBFS, min gain)
Input Impedance	1.4 k $\Omega$
Phantom Power	+48 V, $\pm 2$ VDC

Line Input	
Type	¼" TS Female (via Combo), Unbalanced
Max Input Level	+19 dB
Gain Control Range	50 dB, (-10 dB to +30 dB)
Input Impedance	750 KΩ
Instrument Input	
Type	¼" TS Female (Input 2), Unbalanced
Max Input Level	+13 dB
Gain Control Range	50 dB, (-10 dB to +30 dB)
Line Outputs	
Type (Line Outputs)	¼" TRS, Impedance Balanced
Frequency Response	20 Hz to 20 kHz, +/-0.2 dB
Output Impedance	51 Ω
THD+N (1 kHz, 20 kHz BW, A-wtd)	< 0.002%
Headphone Outputs	
Type	¼" TRS Female, Stereo
Max Output Level	30 mW/channel @ 60 Ω
Frequency Response	20 Hz to 20 kHz, +/-0.5 dB
THD+N (1 kHz, max gain, 20 kHz BW, A-wtd)	< 0.08%
S/N Ratio (1 kHz, max gain, 20 kHz BW, A-wtd)	90 dB
Power	
Type	Bus-powered
Digital Audio	
Connection Type	USB 2.0 on USB-C connector
ADC Dynamic Range (A-wtd)	90 dB, 48 kHz
DAC Dynamic Range (A-wtd)	102 dB, 48 kHz
Converter Resolution	24 bits
Supported Sample Rates	44.1, 48, 88.2, 96 kHz



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