AUDIENT

evo

START RECORDING BUNDLE



User Manual 1.0

WELCOME

Welcome to your new EVO Start Recording Bundle.

The EVO Start Recording Bundle includes the EVO 4 Audio Interface, SR2000 Monitoring Headphones and the SR1 Condenser Microphone and Shockmount, and a balanced XLR cable, all designed to enable you to make studio quality recordings easily and quickly.

We hope you enjoy using EVO Start Recording Bundle and it helps you in your creative endeavours, whatever they may be!

Work smarter not harder.



EVO makes recording easy

WELCOME

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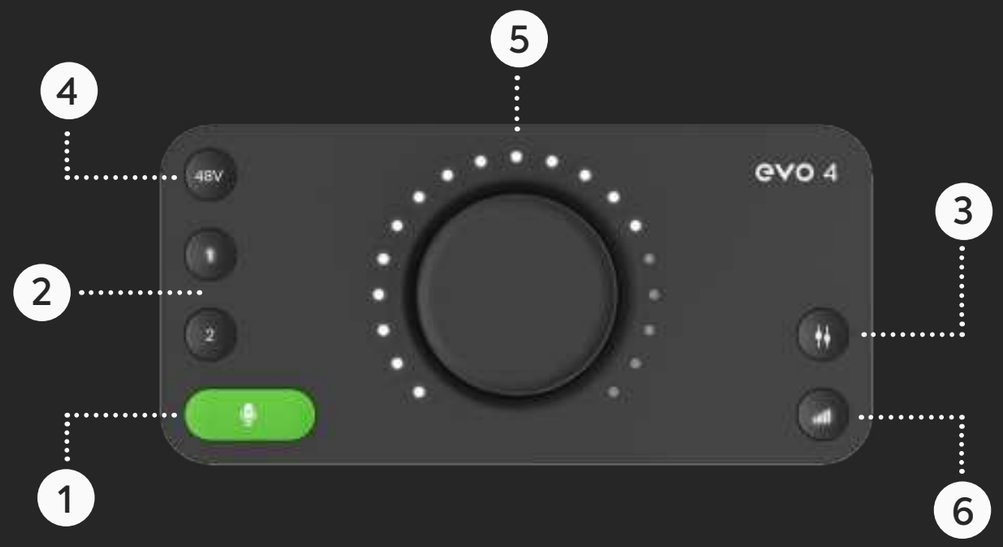
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OVERVIEW

EVO 4

EVO 4 has been designed to remove the technical barriers creatives face when exploring the often intimidating world of audio and make recording simple for everyone.

EVO 4 includes two High-Performance EVO Preamps with innovative Smartgain technology, a JFET Instrument Input, pristine converters and a powerful headphone amplifier.



01 Smartgain

Just start playing or singing and Smartgain mode will automatically set the level of your microphones perfectly.

02 Channels 1 + 2

Control the level of inputs, link to Smartgain or hold each button to mute.

03 Monitor Mix + Monitor Pan

Blend between your outputs and inputs - ideal for minimising latency when recording. Use Monitor Pan to pan your inputs left or right to create the ideal headphone balance.

04 True Phantom Power Over USB

Give your microphones the power they need to perform to their best - all over bus power.

05 Volume Knob

Control your speakers, headphones and channels all from one knob.

06 Output Volume Button

Set the levels of your headphones or speakers.



SR2000 HEADPHONES

The SR2000's Monitoring Headphones not only deliver superior audio performance but have been engineered to provide long lasting comfort. The 40mm Neodymium drivers consistently deliver accuracy and clarity where you need it most, helping to make sure you make the right sonic decisions when recording and mixing.

Tech Specs

- Headphone Type Supra-aural
- Driver Type Dynamic
- Driver Diameter 40MM
- Impedance 32ohm
- Sensitivity/Max SPL 95±3dB/105±3dB
- THD :<0.3%
- Frequency Response 15HZ-22KHZ
- Max. Power 400MW
- Rating Power 250MW
- Cable Length 3 Metres
- Plug 3.5mm (6.35mm Adaptor Supplied)
- Weight 233g with cable

OVERVIEW



SR1 MICROPHONE

The SR1 is a large diaphragm condenser microphone with a super-cardioid pickup pattern, great for recording voice and instruments. With a durable metal housing and a flat frequency response, the SR1 is a true studio staple.

The Start Recording bundle also includes a shock mount for the SR1 Microphone to help minimise handling noise as well as a high-quality balanced 3-Metre XLR cable.

Tech Specs

- Polar Pattern: Super-cardioid
- Frequency Response: 20Hz-18kHz
- Sensitivity: -30dB±3dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 150Ω±30% (at 1kHz)
- Load Impedance: ≥1000Ω
- Self Noise: 16dB A-weighted
- Max. Input SPL: 134dB (at 1kHz ≤1% T.H.D)
- S/N Ratio: 78dB
- Phantom Power Requirement: 48V (±4V)
- Phantom Power Current Draw: 3mA

OVERVIEW

IMPORTANT SAFETY INFORMATION

Please read all of these instructions and save them for later reference before connecting the USB cable and powering up EVO 4.

EVO 4 itself does not operate with any high voltage mains supply inside the unit but appropriate safety measures should still be adhered to prevent electrical shock and fire hazards.

In the event of a unit failure, do not attempt to open the EVO 4 yourself. Please contact Audient support so that a suitable method of repair or replacement can be recommended.

support.audient.com

Consult a qualified technician if you suspect difficulties.

Do not attempt to tamper with the unit whilst connected or disconnected – **HAZARDOUS TO HEALTH**

01 Read these instructions

02 Keep these instructions

03 Heed all warnings

04 Follow all instructions

05 Do not use this equipment near water

06 Clean only with a dry cloth

07 Do not install near any heat sources such as radiators, heat registers, stoves, or other equipment (including amplifiers) that produce heat

08 Protect cables from being walked on or pinched particularly at convenience receptacles, and the point where they exit from the equipment

09 Only use attachments/accessories specified by the manufacturer

10 Switch off your computer and unplug this equipment during lightning storms or when unused for long periods of time

11 Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, liquid has been spilled or objects have fallen into the equipment, the equipment has been exposed to rain or moisture, does not operate normally or has been dropped

WARNING

To reduce risk of fire or electric shock,
do not expose this apparatus to rain or moisture
No user serviceable parts inside
Please refer servicing to qualified service personnel

SAFETY

DECLARATION OF CONFORMITIES

This apparatus has been tested and found to comply with the limits of a class-A digital device, pursuant to Part 15B 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.

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:

01 Re-orient or relocate the receiving antenna

02 Increase the separation between the equipment and receiver

03 Connect the equipment into an outlet on a different circuit from that to which the receiver is connected

04 Consult the dealer or an experienced radio/TV technician for help

We, EVO by Audient, Aspect House, Herriard, Hampshire, RG25 2PN, UK, 01256 381944, declare under our sole responsibility that the product EVO 4 complies with Part 15 of FCC Rules.

01 **This device may not cause harmful interference**

02 **This device must accept any interference received, including interference that may cause undesired operation**

We, EVO by Audient, declare that the product, the EVO 4, to which this declaration relates, is in material conformity with the appropriate CE standards and directives for an audio product designed for consumer use.

EVO by Audient has conformed where applicable, to the European Union's Directive 2002/95/EC on Restrictions of Hazardous Substances (RoHS) as well as the following sections of California law which refer to RoHS, namely sections 25214.10, 25214.10.2, and 58012, Health and Safety Code; Section 42475.2, Public Resources

Under an environment with electrostatic discharge, the device may cease to output sound (EUT could not operate properly). This requires the user reset the device by unplugging & re-connecting to host computer.

DECLARATION

macOS

INSTALLATION / SETUP

On macOS, EVO 4 will work straight away without needing to install any drivers. However, we do recommend installing the EVO application which gives you control over Audio Loop-back and lets you update your firmware.

Head to the EVO 4 downloads page to download the latest version of the application. Once downloaded, simply open the .dmg file and then drag and drop the EVO application into your applications folder.



Carefully unpack your EVO 4 and connect it to a USB port on your Mac. If your computer doesn't have rectangular USB-A ports then you may need to use an adaptor, dongle or third party cable.

You can then set EVO 4 as your main outputs by going to System Preferences > Sound and then selecting the EVO 4 as your device for Input and Output

System Preferences > Sound



Select EVO 4 as input / output



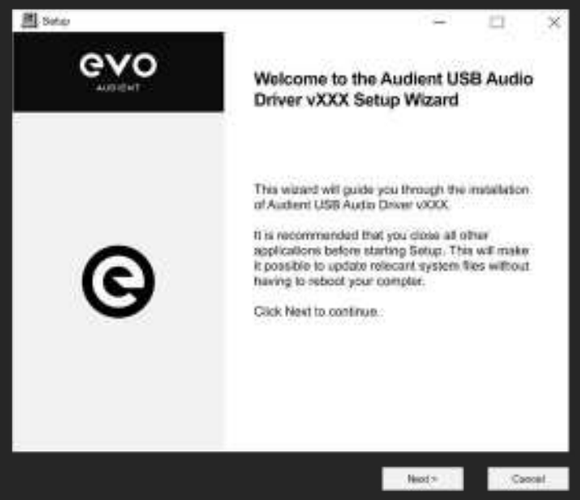
Windows

INSTALLATION / SETUP

EVO 4 will require drivers on Windows so that the computer and EVO 4 will work together. You can download these from the downloads page on the EVO 4 page.

Once downloaded, run the .exe file to start the installation process.

Follow the instructions on screen to complete the installer. This process may take a little while so please be patient.



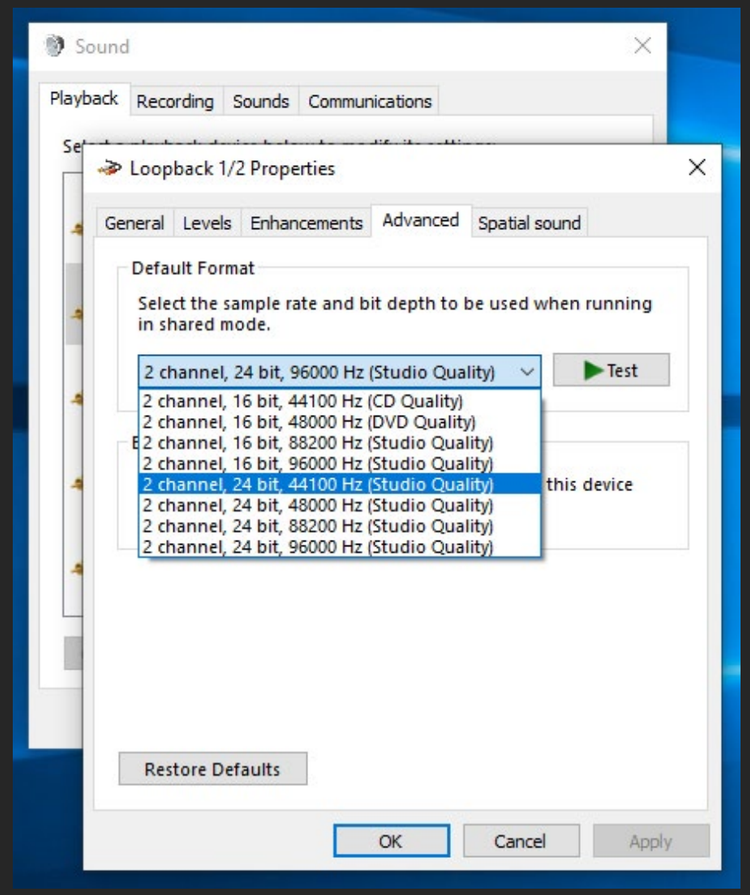
Once complete, click finish. Now carefully unpack your EVO 4 and connect it to the computer using the included USB cable.

To set the EVO 4 as your default sound device, go to Control Panel > Hardware and Sound > Sound. Now select the Playback tab.

In the list of devices, find EVO 4 Main Output 1+2, click on it and select Set Default Device.

For more advanced settings such as changing your sample rate or buffer size, please read the Software features section, found later in this manual.

Control Panel > Hardware and Sound > Sound



INSTALLATION / SETUP

EVO 4 will also work on iOS and iPadOS devices allowing you to record and create while on the go. The Setup will differ slightly depending on what iOS device you are using.

iPAD PRO (WITH USB-C PORT)

To use EVO 4 with an iPad Pro, simply connect it using a USB-C to USB-C cable (not included). The USB-C port on iPad Pro will provide full USB bus power for the EVO 4 meaning you do not need any external power source.

Once connected, the iPad will automatically use EVO 4 as the sound device.

iPAD, iPAD AIR, iPHONE (WITH LIGHTNING PORT)

In order to connect EVO 4 to a iOS device with a lightning port you will need the following:

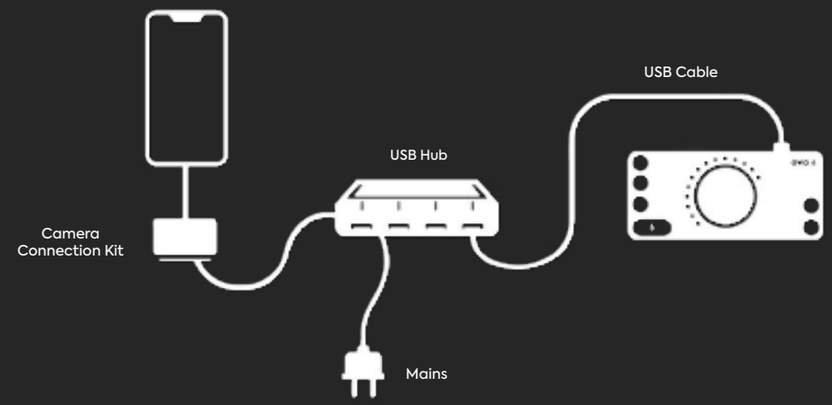
01 **Apple Camera Connection Kit**

02 **An Active USB Hub**

The Active USB hub is required as the lightning port cannot provide enough bus power for the EVO 4 to work correctly and the hub will provide the correct power via the USB cable.

First connect the Camera connection kit to the iPad. Now plug the USB hub into the USB port on the camera connection kit.

Plug the USB hub into a mains power socket and finally connect EVO 4 to one of the ports on the USB hub.



Once connected, the iOS device will automatically use EVO 4 as the sound device. For details on how to setup EVO 4 in recording applications such Cubasis or Auria Pro, please refer to the developers documentation.

For details on how to setup EVO 4 in recording applications such Cubasis or Auria Pro, please refer to the developers documentation.

BASIC SETUP

USING SR1 MICROPHONE AND SR2000 HEADPHONES

Firstly ensure your EVO is set up as per the instructions on Pages XX-XX.

CONNECTING THE HEADPHONES

Once this is all set up, connect your SR2000 headphones to the EVO's headphone jack found on the front of EVO 4. If you haven't already, ensure you screw on the included adaptor to make the jack connection the correct size for the headphone port.

*Note that plugging in headphones will automatically mute any monitors connected to the EVO 4 to allow for more accurate headphone monitoring. To hear audio through your monitors again, simply unplug the headphones. Tap the Volume Button on the EVO 4 and turn the volume knob to adjust the headphone volume.

CONNECTING THE MICROPHONE

Now you can connect your SR1 microphone. To do this screw the shock mount onto your Mic Stand (not included). Securely and safely place the microphone inside the top of the Shock Mount and turn the locking ring at the bottom of the mount to secure the microphone into place.

*Note - the side with the EVO logo is the front of the microphone so ensure this is pointing toward your sound source. Now connect the female end of the included XLR cable into the bottom of the microphone, taking care to align the pins. Plug the other end of the XLR cable into Mic input 1 of the EVO 4.

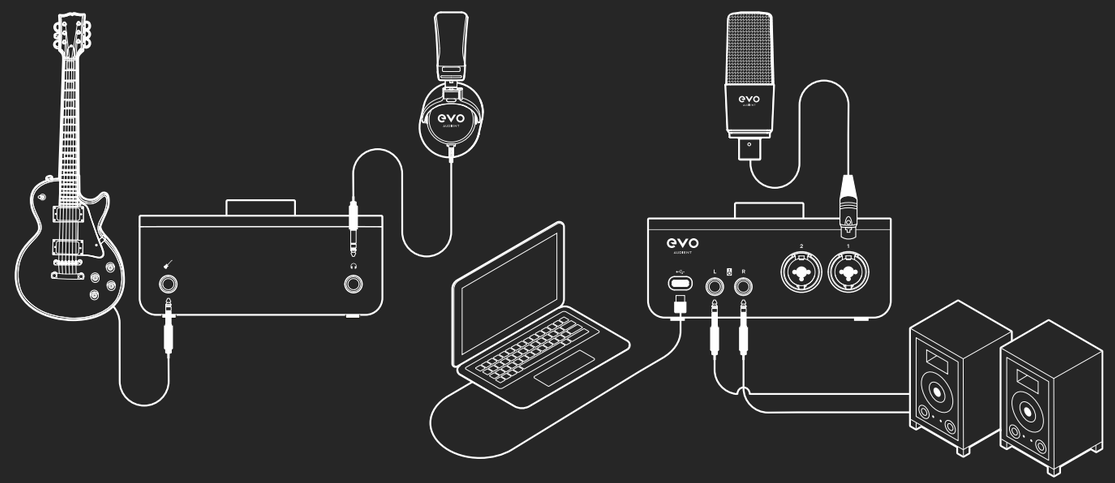
SETTING THE PERFECT MICROPHONE LEVEL

The SR1 is a condenser microphone and therefore requires +48V phantom power to operate. To turn this on, Press the "1" button on the EVO 4 to select this input and press the +48V button to turn phantom power on for this channel. The +48V button will now illuminate red to indicate that phantom power is active.

You can now use Smartgain to set your perfect input level. To do this, press the green Smartain button, tap the "1" button to select this channel and press the Smartgain button again to begin. The lights will now start pulsing to indicate that Smartgain is active.

Perform into the microphone as you would whilst recording/streaming with the EVO. After ten seconds, the Smartgain button should flash green to indicate that the level has now been set.

If the button flashes red, this indicates that Smartgain failed due to lack of input signal. Double-check your connections and make sure that phantom power is engaged on the correct input for the microphone.



REGISTRATION WITH AUDIENT ARC

ARC

Compatible with all major audio software, EVO 4 comes bundled with a collection of professional software and services, giving you everything you need to start recording.

Go to audient.com/ARC and select register your product, then enter your details to create an account.

You will then receive a verification email to your inbox - double check your spam and junk folders if you cannot see this. Once you've verified your account, register your EVO 4 by entering the serial number and the unique 4 digit PIN found on the underside of EVO 4.

Once you have registered the product, you can now select from a wide array of offers and promotions, giving you easy access to powerful creative tools straight away.



HARDWARE FEATURES

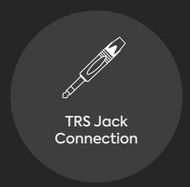
Mic Pre's and Line Level Inputs

EVO 4 includes two high-quality Mic Pre-amps, available through the two Combi connections found on the rear of EVO 4.

To connect a microphone, use an XLR cable which has three pins.







To connect a line-level device, use a ¼" TRS jack which will connect to the centre of the Combi connector. The Line input automatically reduces your signal level slightly to minimise the chance of overloading the input and causing distortion. The line inputs are ideal for connecting up devices like keyboards and drum machines.

EVO 4 can lower the signal level by 8 decibels and boost it by up to 50 decibels allowing you to get the perfect recording level, this is known as the Gain.



You can manually control this by pressing one of the Input buttons and then turning the Volume Knob. The meters will light up to show you the approximate gain level.

HARDWARE FEATURES

Mic Pre’s and Line Level Inputs

The EVO 4 Smartgain feature can help you take the guesswork out of setting your gain levels and give you perfect levels quickly and easily.

For a guide on setting up Smartgain, see the page opposite.

Once Smartgain has set the gain level, you can make small adjustments by pressing one of the input buttons and then turning the volume controls.

Smartgain

EVO 4’s most exciting and game changing feature is ‘Smartgain’. Start playing or singing and Smartgain mode will automatically set the level of your microphones.

Activate **Play** **Record**

Setup

1. Press the Smartgain button to begin
2. The Smartgain LED will illuminate green and the input channel LEDs (1 & 2) will begin to flash (indicating a channel must be selected)
3. Press one or more of the input channel buttons to select the channels to be adjusted
4. Press the Smartgain button again to begin the process
5. The Smartgain LED will start flashing red and the volume wheel LED’s will illuminate indicating that Smartgain Mode is now listening
6. Start playing or performing into the microphone
7. Smartgain Mode will dial in the correct levels and when complete the Smartgain button will flash green twice to indicate it has been successful
8. You are now ready to start recording

HARDWARE

Stereo Linking

1 2

The two inputs of EVO 4 can be stereo linked, which allows you to match the gain for both left and right channels at the same level.

This would be used when recording an instrument using two microphones, such as a piano or guitar, or if inputting a stereo line signal like a synth or DJ decks.

To do this, press down the 1 and 2 buttons at the same time.

Phantom Power

1 2 48V

Some microphones will require phantom power in order to function. This is 48 volts of power that is sent via the XLR cable and this powers up the microphone and allows it to work.

Microphones that require phantom power are typically condenser microphones. In rare cases, microphones can be damaged by providing phantom power to them so we'd recommend checking the documentation for your microphone to see if you need to provide phantom power or not.

To enable phantom power on EVO 4, simply press the channel button you wish to use phantom power on and then press the 48v button. This will then remain lit red to remind you that you have phantom power on.



Instrument Input

EVO 4 includes a dedicated instrument to directly connect instruments such as guitars and basses. The Instrument input is sometimes also known as a DI (Direct Injection) and provides a high input impedance, which gives you the best tone from your instruments.

The DI port is found on the front of EVO 4 and accepts an unbalanced TS 1/4” jack, just like the ones you’d plug into a guitar amp.

When a guitar jack is plugged into the Instrument input, the signal is sent to Input channel 1 and overrides what is currently connected to the Mic/Line input for channel 1.

You would then simply set your gain as you would with the Mic/Line inputs, either using Smartgain or the Volume Knob.



Headphone Output

On the front of EVO 4, you’ll find the headphone output. EVO 4 includes a powerful headphone amplifier allowing you to drive almost any headphone to a good level.

When a headphone jack is connected to this output, EVO 4 will automatically mute the Monitor Outputs for you to make life easier for you when moving between Speaker and Headphone monitoring.

Monitor Outputs

EVO 4 gives you a pair of high-quality outputs to connect up your monitors or speakers. These outputs are at line level, perfect for sending audio to a pair of active monitors, although passive monitors can also be used if you have an amplifier for them.

The Monitor outputs are balanced and designed for use with TRS 1/4” jacks. However, unbalanced TS 1/4” jacks can be used to feed unbalanced monitors.



SmartMuting

Connecting a set of headphones to the headphone port will automatically mute your monitors, making switching between loudspeaker monitoring and headphone monitoring quick and seamless.

Monitor Mix

When recording, you'll want to listen to yourself so you can be sure everything is sounding good. Some recording software will playback the audio you are recording.

However, this is usually a little bit delayed from the original audio due to the computer having to spend time processing the audio. This is known as latency and can make playing in time difficult.

When you are listening to the inputs on EVO 4 using the Monitor Mix function, you'll be hearing the Inputs directly which means there's almost no delay!

Monitor Mix allows you to control what you're listening to on the outputs of EVO 4. You can choose between listening to your Inputs, the Playback from your computer, or a blend of both. To set this, press the Monitor mix button and then turn the knob. An LED on the meter ring will illuminate to show your current Monitor Mix setting.

Turn the dial clockwise to hear more of your computer playback or anticlockwise to hear more of your inputs.

Monitor Pan

EVO 4 gives you even more control of your monitoring with the Monitor Pan function.

This can be used to provide separation between two different instruments for better monitoring. But this feature is incredibly useful when recording a stereo source (such as two microphones on a piano, or a stereo synth) as it allows you to accurately monitor the signal in full stereo as you'd hear it in real life, allowing you to make better mic placement choices.

Press and hold the Monitor Mix button to enter Monitor Pan mode, now turn the Knob to pan your inputs from the centre to the left and right channels.

Volume Control

This is pretty simple, just tap the volume control button to adjust your output volume using the knob. The meter ring will illuminate to show you the relative volume level you are currently using.

The Volume control applies to both the monitor outputs and headphone outputs.

Muting

EVO 4 allows you to Mute both the outputs and the two inputs. Simply press and hold either one of the channel buttons or the output volume button to quickly mute them.

The button will then flash to indicate it is muted. To unmute it, simply press and hold it again.

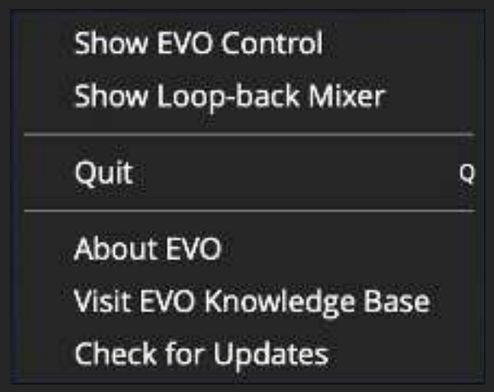
This is useful to quickly mute a microphone during a podcast or to mute the sound to your speakers to quickly take a phone call for example.

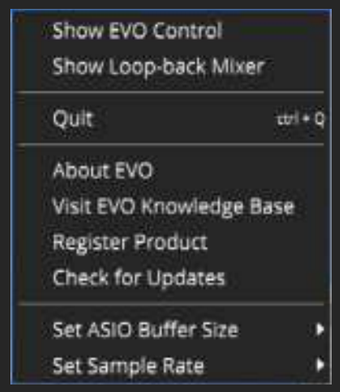
SOFTWARE FEATURES

EVO 4 includes a small application allowing you to make quick and simple adjustments to your EVO 4 directly from your computer. The EVO application is available for both MacOS and Windows.

On MacOS you can run the EVO software by going to **Finder > Applications** and double-clicking on the EVO app in the list of applications. On Windows, this is done by going to the **Start Menu > All Apps > Audient > EVO**

The EVO application will run in the Menu bar on Mac and in the system tray of Windows.





This menu gives you the following options:

Show Loop-back Mixer

This opens up the loop-back mixer window which allows you to adjust what audio is being sent to your loop-back inputs.

Show EVO Control

This will open the EVO system panel which enables you to adjust the controls of your EVO, such as Mic Gain and your monitor mix, remotely.

Quit

This fully quits the application and stops it from running in the background.

About EVO

This opens up a small dialogue box letting you know the version of the application running amongst other information.

Visit EVO Knowledge Base

Links directly to our support site where you'll find setup guides, FAQ's and other tips to get the most out of EVO 4.

Check for Updates

Occasionally we will release a firmware update for EVO 4 to help ensure compatibility with future computers or to add functionality. Clicking this will check if you're EVO 4 is up to date or not and if there are any updates available, you'll be prompted to install them.

Set ASIO buffer size (windows only)

This allows you to adjust the buffer size used by the ASIO driver which in turn controls how hard your computer has to work to process the audio.

Set Sample Rate (windows only)

This allows you to select between 44.1kHz, 48kHz, 88.2kHz and 96kHz as your sample rate. Ensure that this matches what you are using in your recording software if possible.

EVO CONTROL SOFTWARE

EVO Control enables you to remotely control the EVO 4's settings. Great for making quick adjustments whilst tracking or mixing.

1) Main Control Knob- This controls either the Main Output volume or your Monitor Mix depending on which feature you currently have selected.

2) Meter Ring - The Meter Ring will show the level of the audio being played out of EVO 4. When the Monitor Volume or Monitor Mix controls are adjusted, the meter will temporarily show the level of that control before returning to metering the audio.

3) Microphone Controls - Here you can adjust settings for the two Mic inputs of EVO 4. 4 Grey knobs allows you to manually adjust the input gain of the EVO to get a correct input level. The "48V" button enables phantom power for this channel, allowing you to power microphones that require power. The "M" button will mute the input entirely.

Please note that there are separate controls for both channel 1 and channel 2.

4) Stereo Link - Pressing this button will link the two channels together as a stereo pair, ideal for recording an instrument with two microphones, or taking the outputs from a stereo synth where you want the left and right channels to be the same volume.

Stereo Link will link together the gain of both channels and the mute buttons for each channel. You will still need to engage phantom power for both inputs separately, however.

5) Monitor Mix Control - This gives you control of balancing the audio you are listening to through your speakers or headphones. This enables you to balance between your mics and computer playback to create a comfortable headphone mix when recording. Turning the control knob anti-clockwise will mean you are listening to more of the microphones and turning it clockwise will give you more audio from your computer playback. The Meter ring will light up a single dot to show you the relative position of the Monitor Mix control.

6) Main Output Mute - Pressing this will mute the main outputs of the EVO 4. This stops sound going to your speakers or headphones.

7) Main Output Volume - This button allows you to adjust the output volume being sent to your speakers or headphones. When this is pressed, the meter ring will light up to show the current output level.

8) Smartgain - This button allows you to use Smartgain remotely and works just like it does on the interface itself. Clicking the Smartgain button puts you into Smartgain mode. Then press the channels that you'd like to activate Smartgain on. Once you've selected this, click Smartgain again and EVO 4 will start listening to the inputs.

Play or preform the loudest section of the piece you'll be recording and after about 10 seconds EVO 4 will automatically set the gain of the selected inputs. The Smartgain light will flash green to indicate it is complete.

If the EVO 4 doesn't detect a sufficient signal, the Smartgain light will flash red. In this instance, check the connection to your microphone and check if phantom power is turned on if required.

Smartgain can also be used when the two channels are linked together and will set the best level for the incoming stereo signal.

1 MAIN CONTROL KNOB

2 METER RING

3 MICROPHONE CONTROLS

4 STEREO LINK



5 MONITOR MIX CONTROL

6 MAIN OUTPUT MUTE

7 MAIN OUTPUT VOLUME

8 SMARTGAIN

SOFTWARE

AUDIO LOOP-BACK MIXER

Opening the Audio Loop-back mixer gives you a small mixer window enabling you to control what is sent to your Loop-back Left and Right Inputs

This gives you the ability to take audio playback from your computer and capture this in your recording software, or send it to a streaming service. The mixer also gives you the possibility to blend in either of your two inputs, perfect for capturing gameplay footage or recording a Skype conversation.

The Loop-back mixer is opened by going to the EVO Menu and selecting Show Loop-back Mixer. The Loop-back mixer offers the following channels to blend into your loop-back input:

Mic 1

This is the input from input 1 on EVO 4 itself. This would be either the Mic/Line input on the rear or the instrument input if you have something connected to it. This channel includes a pan control to allow you to send your input to either the left or right side of your speakers.

Mic 2

This is the Mic/Line input 2 on EVO 4 and takes signal from the second Mic/line input on the rear of EVO 4. Like Mic 1, this includes a pan control.

DAW 1+2

This is the main playback from your computer and what is usually sent to your speakers or headphones. If you are listening back to your loop-back while you are recording or streaming then you should keep this fader down or you may get feedback.

Loop-back 1+2

These are your dedicated loop-back outputs which are separate from your normal playback outputs. This allows you to loop-back audio which is different to what you are listening to.



SOFTWARE

SAVING AND OPENING

EVO CONFIGURATIONS

If you have a configuration you want to use again in the future then you can save it. EVO 4 will save both the Audio Loop-back Mixer settings and the Control Panel settings for speedy recall.

To Save a configuration, go to File > Save.



You can then give the configuration a name and click Save. If you'd like to send your settings to another computer or EVO 4 user, you can click Export Mixer Setting to File and you can save this to your documents.





To open a previously saved configuration go to File > Open and select the configuration from the list.

You can also delete a previously saved configuration by clicking the red X next to it.

If you'd like to open an EVO 4 configuration from your documents, simply click "Load From File" and then use the file explorer to find the setting you wish to load.

USING AUDIO LOOP-BACK ON MAC

The first step of using loop-back is setting up your computer to output sound to the Loop-back outputs of EVO 4. On some software, you can change this in the software itself in the settings. For details on how this is done, we'd recommend contacting the developer of your software or reading through it's manual.

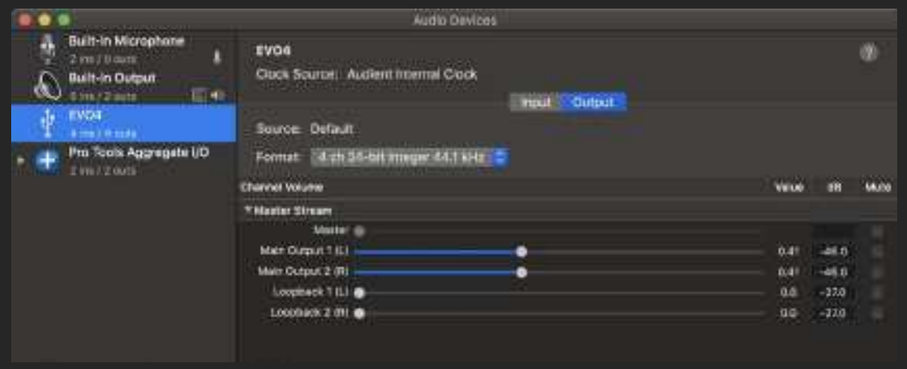
Otherwise, for software that doesn't allow you to set the output channel, such as web browsers or video call services, you may need to adjust your output setting in the Mac Audio MIDI setup.

To open the Audio MIDI setup go to finder and click:

Applications > Utilities > audiomidisetup.app



Then select EVO 4 from the list of devices and select Configure Speakers:

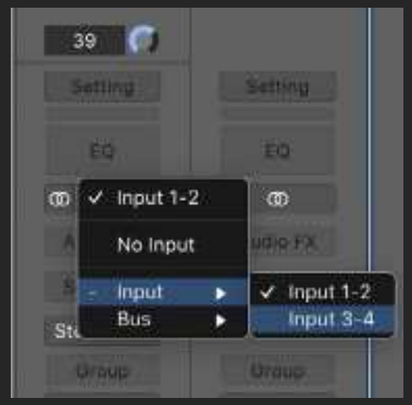


Then simply set your left and right outputs to Loop-back 1 (L) and Loop-back 2 (R). Now any audio played back from your Mac will be sent through the loop-back Mixer, ready to be recorded or streamed.

Now that the Loop-back output is setup, you would then simply need to open the software you will be using to capture or stream the audio and set your audio input to the Loop-back inputs.

Depending on your software, this may appear as Loop-back 1+2 or just as Input 3+4.





USING AUDIO LOOP-BACK ON WINDOWS

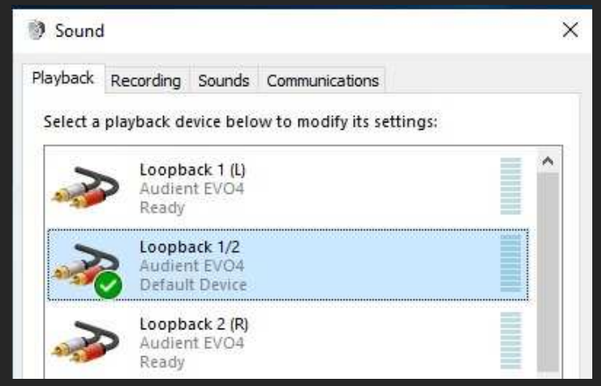
As with MacOS, the first step of using loop-back is setting up your computer to output sound to the Loop-back outputs of EVO 4. On some software, you can change this in the software itself in the settings. For details on how this is done, we'd recommend contacting the developer of your software or reading through it's manual.

Otherwise, for software that doesn't allow you to set the output channel, such as web browsers or video call services, you may need to adjust your output setting in the Windows Sound Settings.

This can be adjusted by going to Control Panel > Hardware and Sound > Sound. Now select the Playback tab.

In the list of output devices, find Loop-back 1+2, select it and then click 'Set Default Device' Applications will then default to sending audio to the loop-back output.

As with Mac, you'd simply need to open up your recording or streaming software and select Loop-back 1+2 as your Input.



SPECIFICATIONS

MICROPHONE PREAMPLIFIER:

Mic Gain Range:	58 dB
Line Gain Range:	58dB with -10dB Pad
Phantom Power:	48v +/-4v @ 10mA/Channel
CMRR:	>85dB @ 1kHz
Maximum Input Level:	+16dBu
Input Impedance (Mic):	>3kΩ Balanced
Input Impedance (Line):	>10kΩ Balanced
Frequency Response:	+/-0.5dB 10Hz to 40kHz
Crosstalk:	<-105dBu @ 1kHz & 10kHz
THD+N @ 0dBu (1kHz):	<0.0015%
SNR:	100dB
Mic EIN:	<-128dBu

XLR:	Pin 2 (Hot), Pin 3 (Cold) & Pin 1 (Shield)
1/4" Jack:	TIP (Hot), RING (Cold) & SLEEVE (Shield)

D.I:

D.I Gain Range:	58dB
MAXIMUM INPUT LEVEL:	+10dBu
INPUT IMPEDANCE:	1MegΩ Unbalanced
THD+N @ 0dBu (1kHz):	<0.3%
SNR:	100dB
FREQUENCY RESPONSE:	+/-0.5dB 10Hz to 20kHz
1/4" JACK:	TIP (Hot) & SLEEVE (Shield)

DAC OUTPUTS:

Maximum Output Level:	+11dBu
Digital Reference Level:	0dBFS = +11dBu
Output Impedance:	<100Ω Balanced
Frequency Response:	+/-0.5dB 10Hz to Fs/2
Crosstalk:	<-110dBu @ 1kHz
THD+N @ -1dBFS (1kHz):	<0.0015%
Dynamic Range:	113dB A-weighted
1/4" Jack:	TIP (Hot), RING (Cold) & SLEEVE (Shield)

HEADPHONE OUTPUT:

Output Impedance:	<50Ω
Frequency Response:	+/-0.5dB 10Hz to Fs/2
Crosstalk:	-110dBu @ 1kHz
THD+N @ -1dBFS (1kHz):	<0.0015%
Dynamic Range:	113dB A-weighted
Max Level Into 30ohms:	+0.5dBu, 0.0025% THD+N, 1.16Vpk Power: 45mW
Max Level Into 60ohms:	+4.22dBu, 0.0015% THD+N, 1.78Vpk Power: 52mW
Max Level Into 600ohms:	+10.1dBu, 0.0018% THD+N, 3.52Vpk Power: 20mW
1/4" Jack:	TIP (Left), RING (Right) & SLEEVE (Shield)

SPECIFICATIONS

USB 2.0 HIGH SPEED

No. Of Input Channels	2 Analogue
No. Of Output Channels	2 Digital
Connector:	USB Type-C
Included Cables:	1m USB 2.0 Type-C to USB Type-A

DSP Mixer Roundtrip (in to out) Latency:

44.1 kHz	0.594ms
48.0 kHz	0.552ms
88.2 kHz	0.302ms
96.0 kHz	0.281ms

Note for latency figures:

Performance may vary as stability at these low buffer sizes is dependant on many factors including CPU load, operating system and performance of other drivers.

DAW Playback Latency @ 32 Sample Buffer for Software Instrument Playback:

44.1 kHz	~2.5ms
96.0 kHz	~2ms

DAW Roundtrip Software Monitoring Latency @ 32 Sample Buffer (in to out):

44.1 kHz	5ms
96.0 kHz	4.1ms

WEIGHTS & DIMS:

WEIGHT:	Unit:	360g
	Packaged:	600g
DIMENSIONS:	Unit:	140mm (w) x 67mm (h) x 67mm (d)
	Packaged:	172mm (w) x 88mm (h) x 97.5mm (d)

SPECIFICATIONS

FIRMWARE UPDATE PROCEDURE

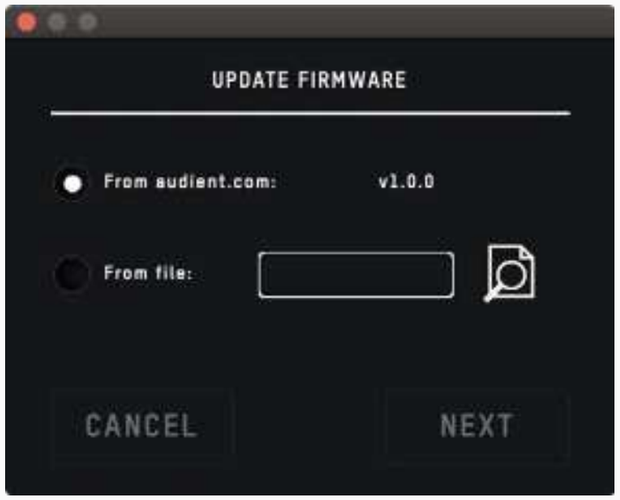
To update your firmware, go to the EVO Application menu and select Check for Updates.

Provided you have an internet connection, the EVO app will now check with our update service to see if there are any new firmware updates for your EVO 4.

If you do not have an internet connection to check the firmware, please contact our support team at support.audient.com who'll be happy to assist you.

If a firmware update is available, you'll be prompted to install it directly from our update service. This should take no longer than a minute or so. We recommended that all speakers are switched off before updating.

During the update procedure, the unit will restart multiple times. Once complete, reboot the EVO 4 by removing the USB cable, waiting a couple of seconds and reconnecting it.





WARRANTY INFORMATION

Warranty Statement

The Audient warranty period for any product purchased is 12 months from the date of the original purchase.

The warranty is not transferable to a second user.

Audient products are built using the latest manufacturing technology, tested to the highest possible standards and by using premium components this should result in providing you with reliable performance for many years.

The warranty is return to base, meaning the unit must be returned, carriage paid, to the Dealer you purchased the unit from or the exclusive territory Distributor responsible for the country in which you purchased the product.

Some of the products returned under warranty are found not to exhibit any fault at all when they are retested at our Service Centre's so it's always useful to contact our Support team first to try to avoid inconvenience to you at support@audient.com

If you suspect that your unit is suffering from a component or manufacturing defect during the warranty period please contact either Audient support or the dealer that you purchased the Audient product from.

In the event of a component or manufacturing defect becoming evident during the warranty period, Audient will ensure that the product is repaired free of charge or replaced.

Whilst this warranty is provided by Audient, the warranty obligations are fulfilled by the exclusive territory Distributor responsible for the country in which you purchased the product.

The Dealer will advise you of the appropriate procedure for resolving the warranty issue.

In every case it will be necessary to provide a copy of the original invoice or Dealer purchase receipt to the Distributor.

In the event that you are unable to provide proof of purchase directly then you should contact the Dealer from whom you purchased the product and attempt to obtain proof of purchase from them. The Dealer | Distributor will then advise the procedure to follow.

This limited warranty is offered solely to products purchased from an Authorised Audient Dealer (defined as a Dealer which has purchased the product directly from Audient in the UK, or one of our Authorised Distributors outside the UK). Please note that if you purchased the product from outside of your country of residence you must return the unit to the original point of purchase for repair.

The Audient warranty term is additional to any statutory rights in the country of purchase or as offered by the dealer at the time of purchase.

What is meant by a Manufacturing Defect?

We define this as a defect in the performance or specification of the product as described and published by Audient.

A Manufacturing Defect does not include damage caused by post-purchase shipping, storage or careless handling, nor damage caused by misuse.

WARRANTY INFORMATION

Warranty Limitations

This warranty does not cover damage resulting from accident or misuse.

The warranty is void unless repairs are carried out by an authorised service centre.

The warranty is void if the unit has been modified other than at the manufacturer's instruction.

The warranty does not cover components which have a limited life, and which are expected to be periodically replaced for optimal performance.

We do not warrant that the unit shall operate in any other way than as described in this manual.

For further details please contact: support@evo.audio.com

Tel: 0044 1256 381944 support@evo.audio.com support.audient.com

AUDIENT