evo by audient

evo 4

Product Brochure



audient









CONSOLES

INTERFACES

MIC PREAMPS

About Us

Created by respected British audio brand Audient, we have taken 20+ years of audio design experience and combined it with innovative new technology to design products that prove professional audio quality doesn't need to be expensive or overly complicated.

EVO was formed to break down the barriers creatives face when exploring the often intimidating world of audio and make recording simple for everyone.

We believe technology shouldn't get in the way of the creative process, it should enhance it and most importantly be accessible, no matter your skill level or artform.

Based from our UK HQ, we continue to work towards making audio easier more accessible for everyone.

Work Smarter Not Harder

The EVO Team

evo by audient

2in / 2out Audio Interface



Capture your microphones and instruments and start recording audio directly to your computer with EVO 4's intuitive feature set. Combining leading tech specs with incredible performance and sound quality, EVO 4 is the perfect interface for beginners and pros alike.

Watch the video >

Features

- 2 x EVO Mic Pres
- Class Leading Converters
- Smartgain
- Smart Touchpoints
- JFET Instrument Input
- Speaker Outputs
- SmartMuting
- Headphone Output
- Ultra-Low Latency
- Monitor Mix
- Monitor Pan
- Loopback Functionality
- USB2.0 Bus Powered
- Free Software + Plugins

USB-C iOS





1. Smartgain Mode
2. Inputs 1 + 2
3. Phantom Power
4. Volume knob
5. Monitor Mix
6. Output volume

Unrivalled audio performance

Building on Audient’s 20+ years of audio design experience, EVO 4 gives you unrivalled audio quality on your desktop



58 dB
Gain Range

113 dB
Dynamic Range (ADC)

113 dB
Dynamic Range (DAC)

-127 dB
Mic Pre EIN

24bit 96kHz
Sample Rate

+48v
True Phantom Power over USB



EVO Preamps

Get the most from your microphones with the clean, warm and accurate EVO preamps - offering 58dB of gain range

High Performance Converters

Hear your recordings more accurately than ever with 113dB of dynamic range.





Instrument Input

Plug your guitar or bass straight in through the JFET instrument input and start recording instantly.

CREATE



Made for the creative

Whether recording your latest track, producing a beat, or creating a podcast, get your ideas down fast with EVO 4's advanced and versatile feature set.

Record anywhere

Plug in and power EVO 4 directly from your computer via USB and start recording on the go, whenever inspiration strikes.



Record



Collaborate



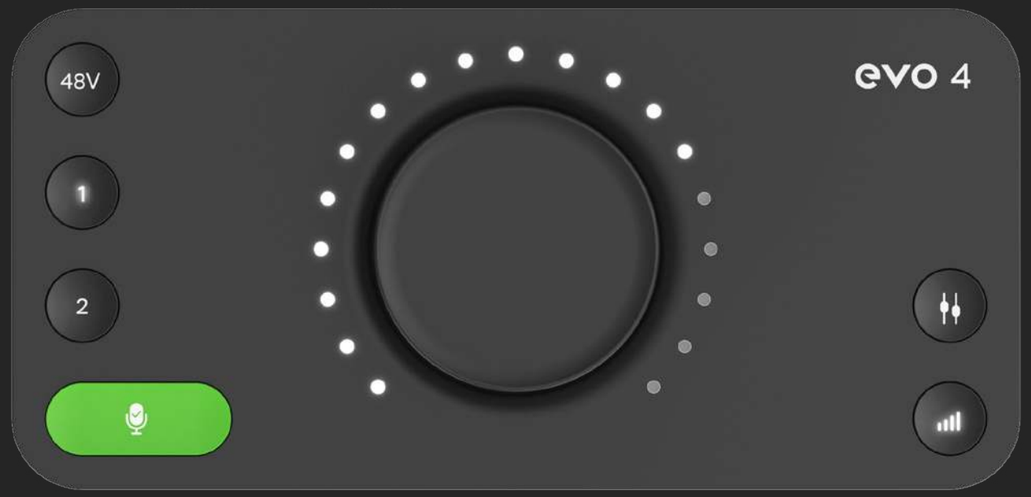
Create

Smartgain Mode

Work smarter not harder

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. You can even set the gain for both channels simultaneously. Spend more time being creative, and less time learning to become an audio engineer - perfect for beginners.

Watch the video >



Get better recordings

Avoid clipping + distortion

Work Independently

Set gain correctly fast

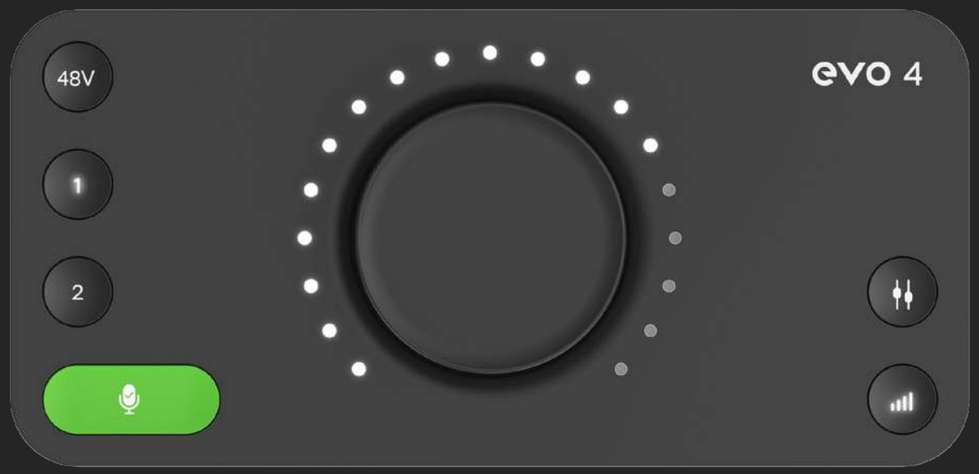
Audio Loop-back

Loopback enables you to record your computer audio at the same time as your microphones. Ideal for podcasters and streamers. Watch the video >

- Record your computers audio
- Record guest Skype/video calls
- Record gaming audio



Powerful Control



SmartMuting

Connecting a set of headphones to the headphone port will automatically mute your monitors.

Smart Touchpoints

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

Monitor Pan

Monitor Pan feature enables you to pan both the mic pre input and D.I input from left to right, making it easy for you to create a balanced headphone mix that suits you.

Monitor Mix

Make effortless recordings with ultra-low latency monitoring.

True Phantom Power Over USB

Plug in and power EVO 4 directly from your computer via USB and start recording on the go, whenever inspiration strikes.

Software Compatible

Set levels and activate features from your computer*

*with compatible software

Work anywhere

Plug in and power EVO 4 directly from your computer via USB and start recording on the go, whenever inspiration strikes.

Tech Specs

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)

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)





Free Software & Plugins

We have teamed up with some of the industry's leading innovators to bring you a comprehensive bundle of software, plugins & offers. All you have to do to take advantage of this exclusive offer is register any EVO product.

Learn More >

Cubase™ & Cubasis™ LE 2

We have teamed up with Steinberg® to give you Cubase LE™ & Cubasis LE 2™ (for iOS) when you purchase any EVO Product. Turn your Mac, PC or iPad into a beautiful and easy-to-use music studio.

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