

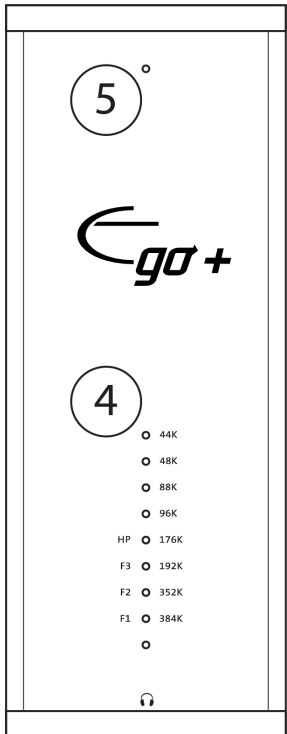
Little Ego + Controls and Indicators



1

1. USB Input

Connect this to a USB port on your computer or audio player. (This is a standard mini-USB connector.)



5

2. Headphone Output

This output provides a high quality audio signal to drive your headphones when the Output Selector is set to Analog.

3. Filter Select Button

Press this button once to enter Filter Select Mode. The LED display will indicate the currently selected filter. Press the button repeatedly to cycle through the choices. Once you reach the choice you want to use stop pressing the button; your selection will be entered after a few seconds.

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4. Sample Rate LEDs

These LEDs normally display the sample rate of the incoming audio signal. They switch to showing the current filter in Filter Select Mode.

5. USB Mode LED

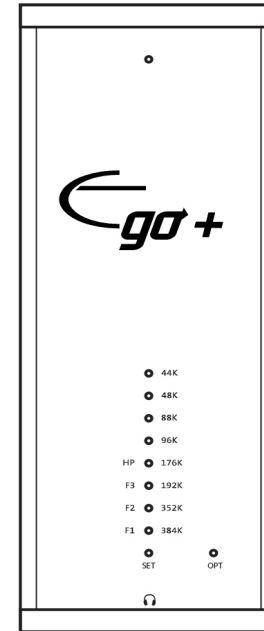
This LED will illuminate red when the Ego + is in UAC1 compatibility mode.

3

2



EMOTIVA®



BIG EGO +

LITTLE EGO +

Precision 24/384 USB DACs

GETTING STARTED

The Emotiva Big Ego + and Little Ego + are precision 24/384k USB audio digital-to-analog converters. This Getting Started guide will give you the basic information you need to connect your Ego + DAC to an audio source and start listening to some high quality music. You will find more details about advanced features and setup options in the Big Ego + and Little Ego + User Manuals. (You will find links to the manuals on our website and in our forums.)

Both the Big Ego + and Little Ego + are designed to be connected directly to the USB output of a computer or similar audio source. Both Ego + DACs are “plug-and-play” with current Windows 10 and Apple computers. Simply connect the Ego + DAC to one of the computer’s USB port. The computer will provide the power to run the DAC and the necessary drivers are already included in the operating system. The DAC will simply appear to the computer as an external sound card. (Depending on how your computer is configured you may need to switch your audio output device.) The Ego + DACs will also work with most Linux based players, and with most Android smart phones, although with phones you may need to add a powered hub to provide power to run the DAC. The Ego + DACs are also compatible with the digital USB audio output of iPhones and iPads - but special adapters will be required to enable them to communicate with each other. We also have additional drivers you can download that will enable the Ego + DACs to work with older versions of the Windows operating system.

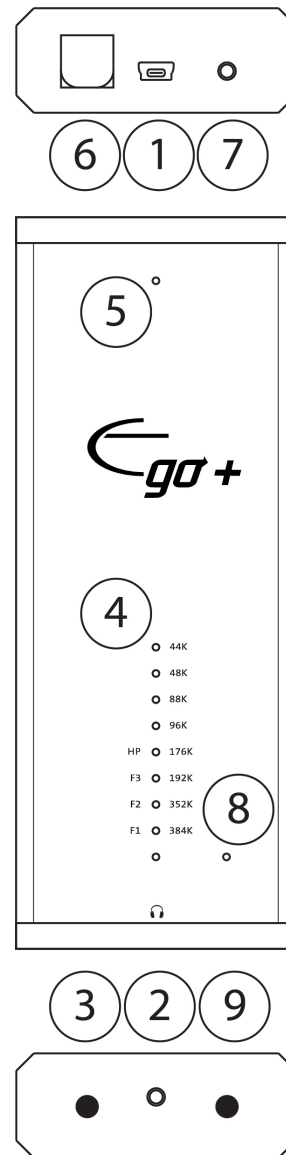
By default most computers are configured to automatically resample every audio file they play to a preset default sample rate. In order to play high resolution files at their native sample rate you will need to select a player program that supports this option and configure it correctly. For Windows computers you will want to select a player that supports WASAPI mode. There are two WASAPI modes - Event and Push - and you’ll need to try both to determine which works best with a particular program. For Apple computers you will want to select a player program that supports “bit-perfect playback” and configure it to do so. Various streaming Apps may or may not support these options and may require other special configuration options to deliver their best sound quality.

The default audio operating mode for Ego + DACs is USB Audio Class 2 - which supports sample rates up to 384k. For older computers, or player devices that don’t support UAC2, the Ego + DACs also support a compatibility mode called UAC1. This mode is accessed by holding down the Filter button while connecting the Ego + DAC to your player. It is more widely compatible with older devices but is limited to sample rates up to and including 96k.

Both the Big Ego + and Little Ego + include a precision audio DAC that supports STEREO PCM DIGITAL AUDIO at sample rates up to 384k and a high performance headphone amplifier - whose output can also be connected to the analog line level input on an amplifier or processor. Both have three user-selectable audio reconstruction filters, a separate user-selectable headphone blend mode, indicators showing the sample rate of the incoming digital audio signal, and an LED that indicates when the Ego + is in UAC1 compatibility mode.

In addition, the Big Ego + also includes a second line level analog audio output that bypasses the headphone amplifier and a user-selectable Toslink digital optical audio output that supports sample rates up to 24/192k. A button allows the user to select between the digital and analog outputs on the Big Ego + and an LED that indicates which output is currently selected.

Big Ego + Controls and Indicators



1. USB Input

Connect this to a USB port on your computer or audio player. (This is a standard mini-USB connector.)

2. Headphone Output

This output provides a high quality audio signal to drive your headphones when the Output Selector is set to Analog.

3. Filter Select Button

Press this button once to enter Filter Select Mode. The LED display will indicate the currently selected filter. Press the button repeatedly to cycle through the choices. Once you reach the choice you want to use stop pressing the button; your selection will be entered after a few seconds.

4. Sample Rate LEDs

These LEDs normally display the sample rate of the incoming audio signal. They switch to showing the current filter in Filter Select Mode.

5. USB Mode LED

This LED will illuminate red when the Ego + is in UAC1 compatibility mode.

6. Toslink Optical Output

This output will carry a copy of the audio signal being received at the USB input when the Output Selector is set to Digital.

7. Line Level Audio Output

This output delivers a high quality line level analog audio output when the Output Selector is set to Analog.

8. Output Mode LED

This LED illuminates green when the Output Selector is set to Digital.

9. Output Selector Button

This button toggles between Analog and Digital output modes.