DIRAC LIVE

Room Correction Suite

START GUIDES FOR WINDOWS & MAC

WHAT'S RCS?

Dirac Live RCS gives you unprecedented precision and accuracy for your sound. It corrects all system audio, including music apps and web browsers.

HOW RCS WORKS

RCS includes both a standalone desktop app and audio plugins. The standalone app allows you to apply Dirac Live correction to all desktop audio, including web browsers and streaming apps. The plugins, in AU, AAX, and VST formats, allow you to apply Dirac Live correction from within all compatible applications, like DAWs.

GET STARTED

For Windows →

For Mac →

FOR MORE ASSIST

Visit helpdesk.dirac.com →

RCS START GUIDE

For Windows

The Dirac Processor provides desktop-level audio correction by Dirac for Windows 10/11 devices.

In order to use the Dirac Processor, you will need to download and install two components:

- **Dirac Live**
- **Dirac Live Processor**

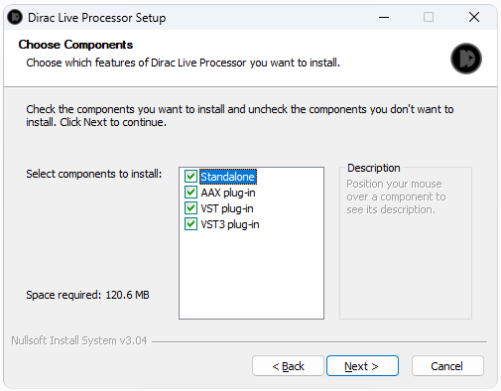
Dirac Live is used to measure and generate filters, while the Processor stores the corresponding filters and processes audio data.

Please make sure to obtain a valid Dirac license first, so you can log in to the software and be able to use it as intended. You can purchase a license here.

Download and install Dirac Live and Dirac Processor

You can download Dirac Live and Dirac Processor here. Make sure that your computer is connected to the internet for licensing purposes.

Open the files and follow the installation procedures. Make sure to check "Standalone" during the installation process:



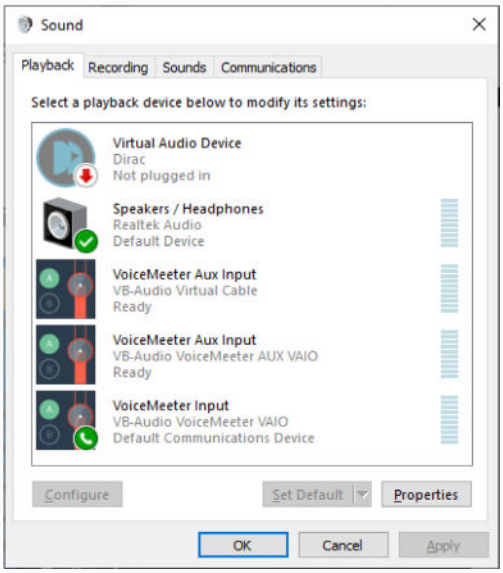
When completed, the Dirac Processor will be installed to the following location: C:\Program Files\Dirac\Dirac Live Processor

Setup

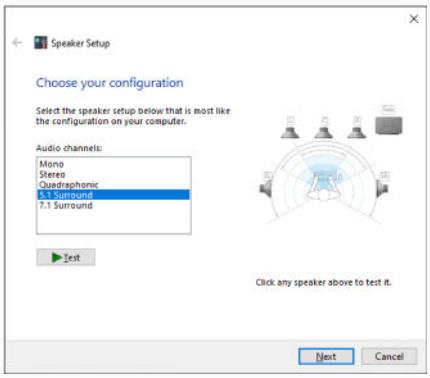
Open the Windows Control Panel and select Sound. This opens Windows Sound Settings.

The Processor is not active until the application Dirac Processor is opened.

As soon as the Processor has been opened, you will see "Virtual Audio Device" in your computer's sound settings.

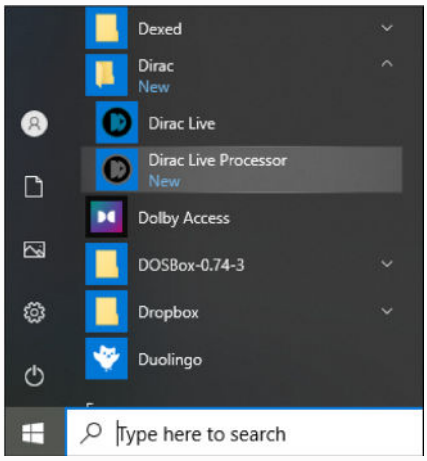


Select your default sound device and click Configure.

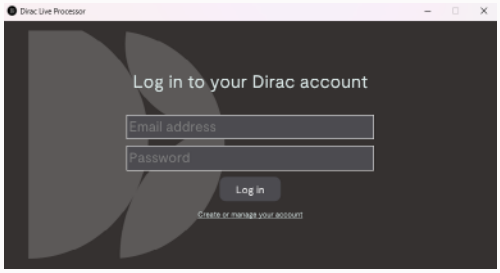


Select the configuration that you want to use. Note: For some sound cards that use ASIO, it is not possible or necessary to select a Multi-channel configuration here. If you are using WASAPI driver, it is necessary to select the proper configuration.

Open the Dirac Processor.

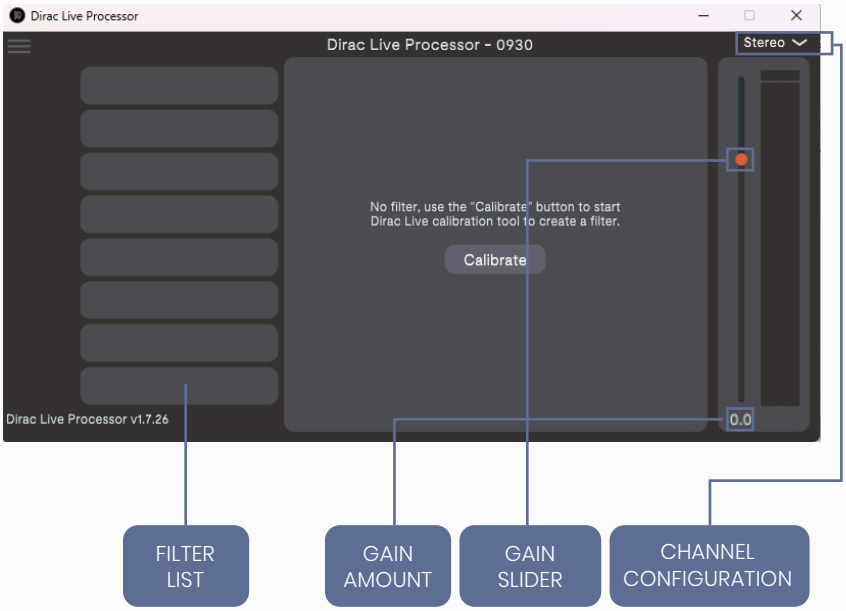


Log in to your Dirac account.

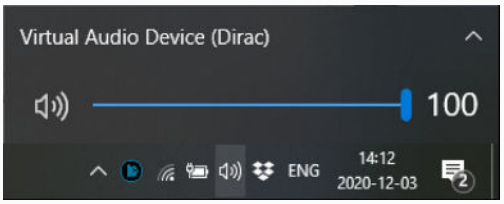


The Processor window will look empty the first time you open it. You will populate this window with filters after you have created them in Dirac Live.

If you haven't downloaded Dirac Live yet, please click the "Calibrate" button in order to download and install it.



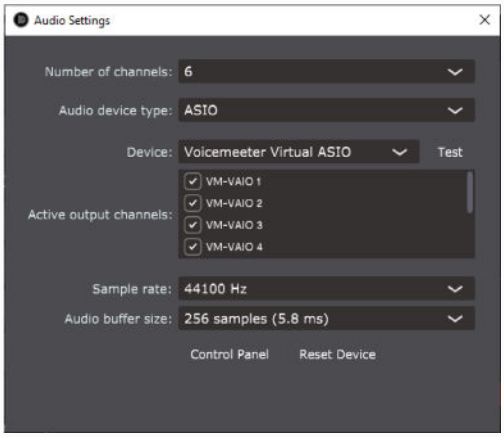
After starting Dirac Processor, the new sound device will be active and selected as the default sound device.



Select the number of channels relevant for your system.

Select Audio Device type from the following (Windows Audio modes are WASAPI modes):

- **Windows Audio** operates in shared mode. The audio pipeline doesn't take full control of the driver. Instead, it shares system audio resources with other applications.
- **Windows Audio (Exclusive Mode)** dedicates all system audio resources to Dirac Processor Standalone and takes over Windows' audio pipeline.
- **Windows Audio (Low Latency Mode)** is an alternate Windows Audio configuration. Low Latency Mode uses the latest available Windows audio interface in a shared mode, but supports low latency.
- **ASIO (Audio Stream Input/Output)** is a third-party sound card driver protocol specified by Steinberg, providing a low-latency and high fidelity interface between Dirac Processor Standalone and the computer's sound card.



When using Windows Audio settings, you will use the Windows Sound Settings panel (described above) to change channel configuration and sample rate, etc.

When using ASIO settings, you will use Processor + the ASIO driver program to change channel configuration and sample rate, etc.

Select your "normal" sound device as output. If you have a ASIO drivers for your sound card, select ASIO as the Audio Device Type.

Click "Test" to ensure sound playback is functional. If so, close the Audio Settings window.

Play a sound from your media player or web browser to make sure the level meters are moving and that the sound is audible.

You are now ready to perform a measurement and create your first filters in the Dirac Live app.

For any questions and more guides, visit our helpdesk.

For Mac

The Dirac Processor provides desktop-level audio correction by Dirac for macOs*.

In order to use the Dirac Processor, you will need to download and install two components:

- **Dirac Live**
- **Dirac Live Processor**

Dirac Live is used to measure and generate filters, while the Processor stores the corresponding filters and processes audio data.

Please make sure to obtain a valid Dirac license first, so you can log in to the software and be able to use it as intended. You can purchase a license here.

*macOS 11 is required from Dirac Live 3.10.3 and onwards.

Download and install Dirac Live and Dirac Processor

You can download Dirac Live and Dirac Processor here. Make sure that your computer is connected to the internet for licensing purposes.

Open the files and follow the installation procedures.

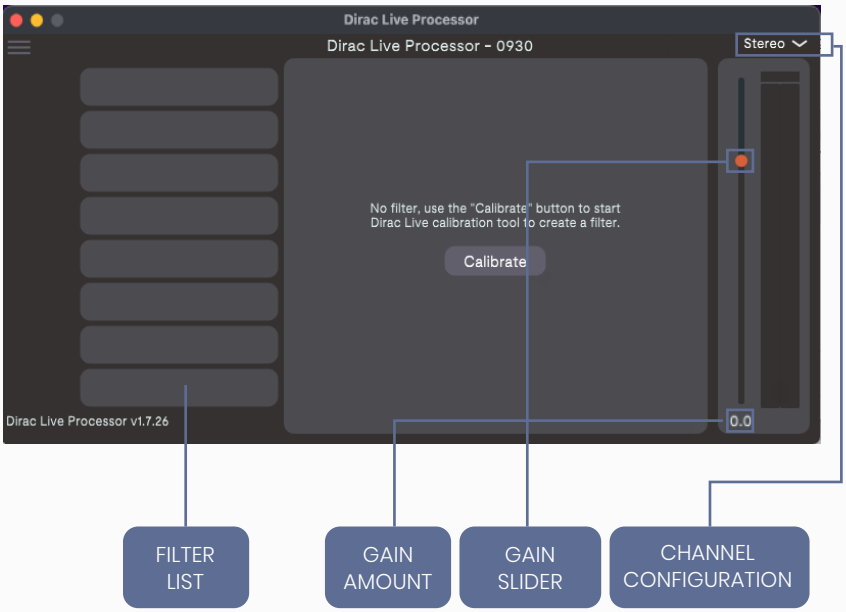
Setup

1. Run installer
2. Restart computer
3. Start DiracLiveProcessor in Applications

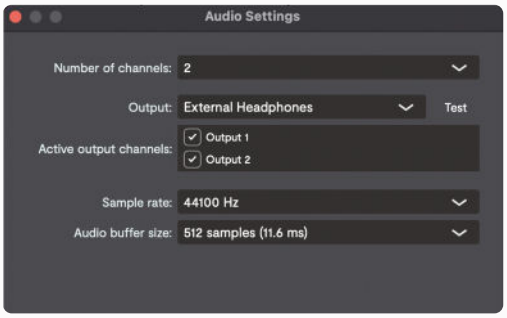
4. Log in to your Dirac account if necessary.

5. The Processor window will look empty the first time you open it. You will populate this window with filters after you have created them in Dirac Live.

If you haven't downloaded Dirac Live yet, please click the "Calibrate" button in order to download and install it.



6. In Dirac Live Processor, go to Options > Audio Settings, and select the audio interface you want to use.



7. Open Audio MIDI Setup and make sure Dirac Virtual Audio Device is in the list of soundcards.

8. Play a sound and make sure the sound is passing through the Dirac Live Processor

You are now ready to perform a measurement and create your first filters in the Dirac Live app.

For any questions and more guides, visit our helpdesk.