

Emotiva Dirac Live Quick Start Guide

This Guide provides an overview of using the Dirac Live software to calibrate your Emotiva XMC-2 or RMC-1/L processor. Links/QR-codes to resources, including helpful video tutorials, are included along the way. You may also reference the full Dirac Live for Emotiva Processors User Manual where you can find even more detailed information on using Dirac Live with your Emotiva processor.

For the Dirac Live measurement and calibration process, you will need:

- A computer on which you can install and run the Dirac Live software (Windows 10/11, macOS 10.14+)
- An Emotiva Dirac Kit, which will include a small Dirac Interface computer and network switch
- The included EMM-1 measurement microphone/cable or a Dirac-compatible alternative microphone
- A network connection to connect your processor and Dirac Kit Interface computer to the internet

1. Download and install the Dirac Live software

Navigate to our [Dirac Live landing page](#), and here you will find a link to the Dirac software download. This will take you to Dirac's website, where you will find the most recent software download links for either Windows PC or MacOS. On our Dirac Live landing page, you will also find the download link for the calibration file required for the Emotiva EMM-1 microphone. Download and save this file to a known location on your computer.



The Dirac Live software license is tied directly to the physical hardware MAC address of your processor, so you will not receive or need to activate a license key for the software when installing, nor will it appear as a license that you own under your Dirac.com account.

Note: if your processor was purchased before 01/01/22, you will need to register the MAC address of your processor using the form on our Dirac Live landing page. If purchased after that date, your processor is already registered. To find the MAC address of your processor, navigate to Menu > Information > MAC address. Here is an example of what your MAC address may look like: 801f12dd513d. If unsure, you can always submit the registration form, even if your unit is already registered.

2. Configure the Speaker Preset in your processor for Dirac

There are a few things that need to be done when [configuring your speaker preset before running Dirac](#).

In your processor, navigate to Setup > Speakers > Preset 1/2 > Size. You will need to set any unused channels to None in the Size menu. You must configure all of your channels, including subwoofers and heights, to match the speaker configuration of your room.



Dirac will pull the speaker configuration information from the Size menu of the Preset for which you are creating a Dirac filter. If the configuration in the processor does not match your physical speaker layout, you will receive errors or poor results from Dirac Live.

Levels in the Speaker Preset should all be set to 0.0 dB when first setting up a Dirac filter.

Any Level adjustments will be ignored by Dirac when it runs measurement sweeps, but these adjustments will be applied on top of the Dirac filter once loaded into the processor. These Level adjustments allow you to fine-tune your system to your taste even after a Dirac filter is loaded. But they should be set to 0.0 dB initially so you can hear the Dirac filter results without additional adjustments applied.

Distances entered in the Speaker Preset will have no effect once the Dirac filter is loaded, so the Distances can be ignored and do not need to be reset to zero if already entered manually.

3. Connect Processor and Dirac Live Interface to your network

The external [Dirac Live Interface computer must be connected](#) to your network and powered on in order for you to be able to run Dirac Live with your Emotiva processor. Your processor must also be connected to your network when running the Dirac Live software. The computer that is running the Dirac Live software must also be connected to this same network. You should receive a Dirac Kit in a separate shipment that includes a network switch and Dirac Live Interface computer. Please contact us if you did not receive a kit.



4. Enable Dirac Live in your processor menu

Once your processor and Dirac Live Interface are connected to your network via ethernet cables, navigate to Setup > Speakers > Preset 1/2 > Dirac Live, where you should see the option to Enable by placing an X in the box for this menu option. Once Enabled, you will not be able to navigate away from this menu in the processor until you are finished running the Dirac software, and you must leave the X in the Enable box throughout the Dirac filter creation process. You can remove the X using the down arrow to navigate out of this menu if needed.

If your processor reads “Not Available” next to Dirac Live in the speaker preset menu, this means that your processor is not seeing the Dirac Interface computer on the network. [See this troubleshooting video](#) for information regarding this message. Contact us for additional support if still unable to resolve this issue.



5. Open the Dirac Live software and connect to your processor

Once you have Enabled Dirac Live in your processor menu, you will open the Dirac Live software on your computer. As long as your computer is connected to the same network as your processor and Dirac Interface computer, it will scan your network for Dirac-enabled devices and locate your processor. You will then be able to select your processor and proceed with the Dirac measurement and filter creation process. You will need the calibration file required for the Emotiva EMM-1 microphone when selecting your Recording Device in Dirac Live. The measurement mic will be connected to your computer via USB, not to the processor.

***Note:** If you already had the software opened on your computer before you checked Enable for Dirac Live in the processor menu, you may need to close the software completely then reopen it after you have checked Enable for Dirac Live in the processor for the software to locate your processor.

6. Complete the Dirac Live measurement and filter creation process

Please review our [Dirac Live tutorial video](#) to help guide you through the rest of the process.

Additional Dirac Live Troubleshooting resources:

- [“Not Available”/Networking issues](#)
- [Troubleshooting Clipping and Low Signal to Noise Level errors](#)

See the full Dirac Live for Emotiva Processors User Manual for more details, which can be found on the Dirac Live landing page.



If you have any questions or encounter any issues when connecting your processor or running the software feel free to contact us for support at (615) 790-6754 or customerservice@emotiva.com.