

osmose – firmware 2.3

upgrade guide

👉 You need DSP v10.52 and the newest OsmoseUpdater to update to 2.3 👉

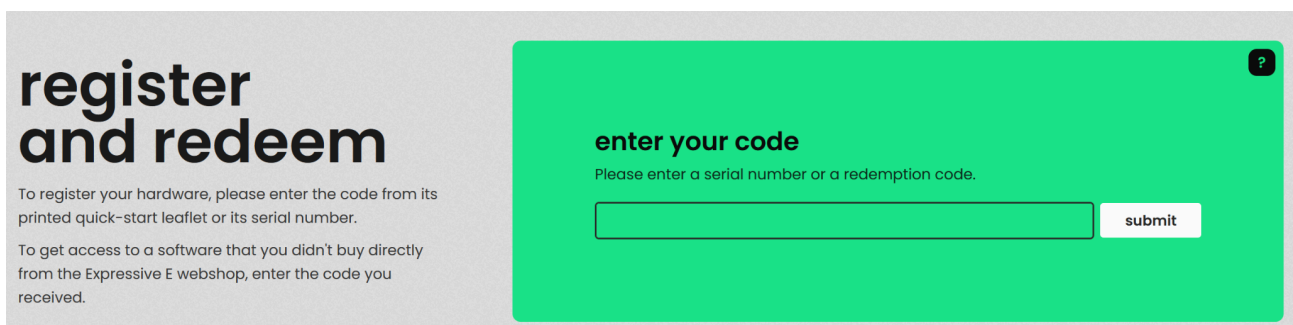
Osmose 61 owners can update to 2.3 right away.

Osmose 49 owners must ensure they have already [migrated to firmware version 2.1](#) (contained in a subfolder of the 2.3 download) before attempting to update to 2.3.

See [Where can I find the version number of my Osmose firmware?](#)

1. register your osmose on the expressive e website

Log in to your Expressive E account. Create a new one if you don't already have one. If you haven't registered your Osmose until now, enter your Osmose's serial number on the [registration page](#).



If it's already registered by someone else, ask the former owner to click the unregister button in their account, or [get in touch with our support](#).

2. download and install the newest osmoseupdater

The Osmose firmware update must be transferred using the latest version of the dedicated OsmoseUpdater application. To obtain it, download the firmware ZIP file that matches your operating system from the Osmose product tile inside the “my products” section:



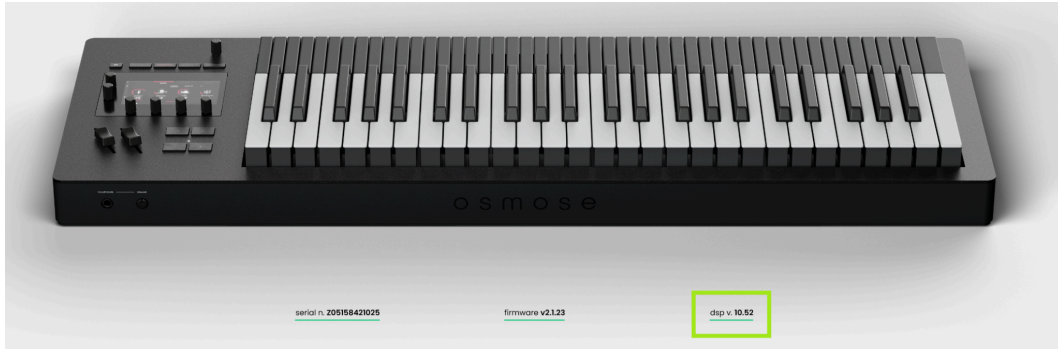
Once downloaded, unpack the ZIP archive and install OsmoseUpdater.

3. update your osmose's firmware

Connect your Osmose to your computer using the included USB cable.

Launch OsmoseUpdater and switch on Osmose. OsmoseUpdater should detect it.

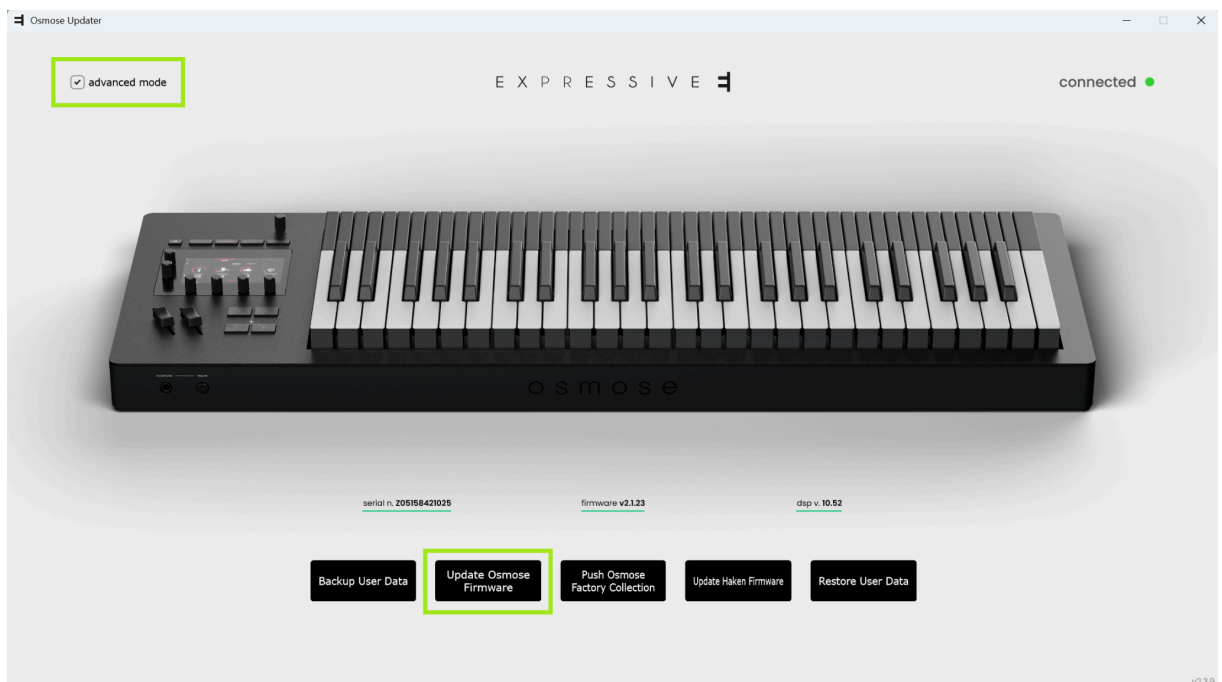
Ensure the DSP version is shown as 10.52 before proceeding:



If the DSP version is still 10.09, follow [these instructions](#) to migrate your Osmose to firmware 2.1 first. The 2.1 file is included in a subfolder of the firmware download.

Once the DSP version is 10.52:

- Activate "advanced mode" in the upper-left corner.
- Click on "Update Osmose Firmware".



OsmoseUpdater will ask you to point to the firmware file you want to install.

- Depending on your model, select the Osmose49_v2.3.x.osmose49 or Osmose61_v2.3.x.osmose61 firmware file from the ZIP file you downloaded.
- Click "update". Once finished, reboot Osmose and close OsmoseUpdater.

Your Osmose is now updated.

 For some Mac users, Osmose may seem blocked after updating to version 2.3. Please follow these instructions to install the Osmose MIDI macOS driver to fix it:
👉 [After updating to 2.3, my Osmose freezes while it is connected to my Mac](#)

4. download and install the ctrl-e plugin

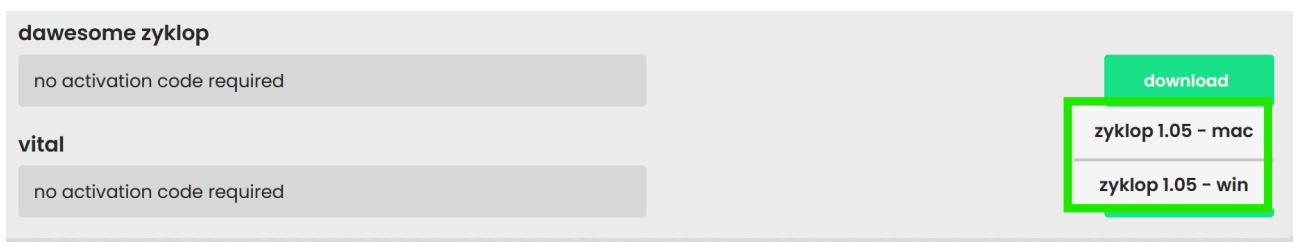
Download the Ctrl-e setup file for your operating system from your customer account, then run the installer. 'Mac ARM' is for Apple Silicon Macs, 'Mac Intel' is for older Macs with Intel processors, or if your DAW runs with Rosetta, and 'Win' is for Windows PCs.



5. download and install vital and zyklop synths

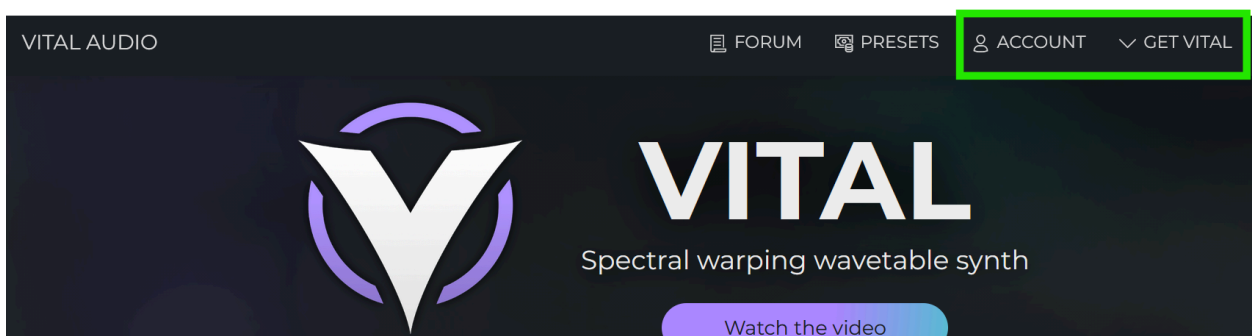
For a comprehensive Ctrl-e experience from the start, with an additional 550+ presets available in Ctrl-e, we strongly recommend installing the synths Zyklop and Vital.

Dawesome Zyklop is available for download directly from the Expressive E account:



Vital Audio Vital can be downloaded from <https://vital.audio/> after creating an account on their website. The free "Basic" Vital is enough.

👉 Be sure to download at least version 1.6.4, labeled as "early access".



6. download and install the daw scripts

Downloading and installing the DAW scripts is only mandatory for Logic, Cubase and Bitwig. For Ableton Live 12.4+, the script is installed automatically with the DAW.



7. activate the ctrl-e plugin license

i We use PACE iLok copy protection for Ctrl-e, with no hardware dongle required. For all details, see our thorough [PDF guide for the Expressive E iLok licensing system](#).

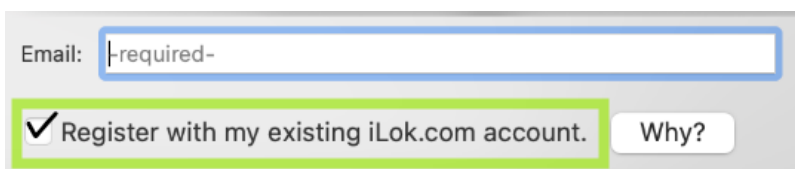
When you register Osmose, you are eligible for a Ctrl-e license. Click the “claim” button to show your activation code, then the “copy” button to copy it to your clipboard:



💡 We strongly recommend redeeming the iLok activation code to a free iLok account instead of activating only locally on your computer. This gives you three possible activations in parallel and lets you move them freely for future system upgrades.

Option A with activation window popup (easiest)

Launch your DAW. When you scan the newly installed plugin Ctrl-e, an activation window should appear. Paste your activation code there. An email is enough to activate, but we strongly recommend checking the box “Register with my existing iLok.com account.” and creating an iLok account if not happened yet. Then, use one of the three available activations to activate on your computer. See this [detailed guide](#).



Option B with iLok License Manager (most reliable)

Launch [iLok License Manager](#) and log in to your iLok account. Click the “redeem an activation code” button and use one of the three available activations to activate on your computer. For a detailed guide, see [here](#).



8. open ctrl-e in your DAW

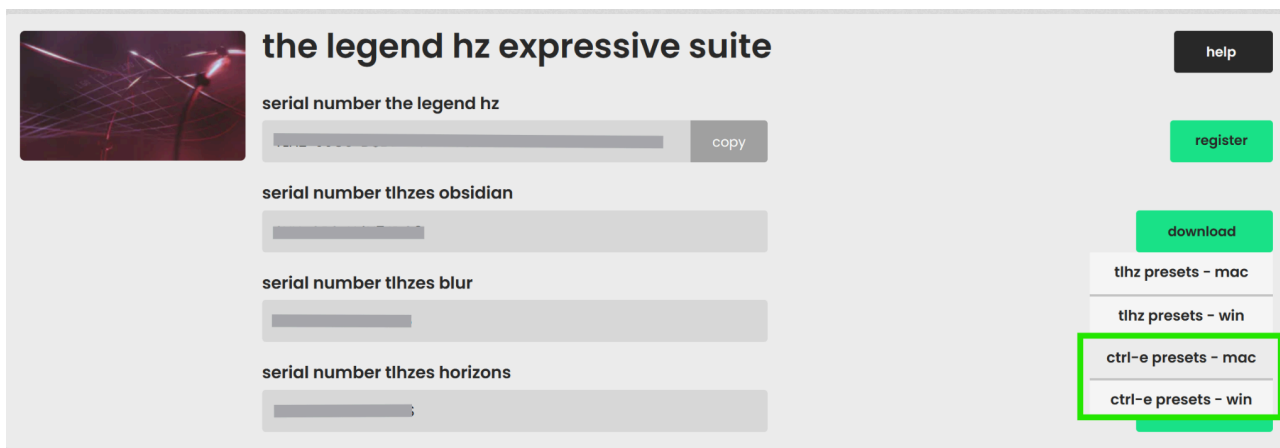
You are now ready to add Ctrl-e to an instrument track in your DAW and play away. Click on the thumbnail to the right to watch our DAW guides and learn how Osmose works in your DAW.

i If Ctrl-e doesn't show up in your DAW, please check our [troubleshooting guide](#).



9. get more presets with expressive suites and expressive e plugins

If you own any of our Expressive Suites or one of our own MPE-compatible plugins (Noisy 2, Soliste), then their preset packs are available in the specific Ctrl-e format as separate downloads. Here's an example of how to find the Ctrl-e presets for The Legend HZ Expressive Suite:



After installation, the additional presets will be available in the Ctrl-e browser.

understanding the new usb midi port system

Firmware 2.3 changes the USB MIDI ports that will appear in your host (computer) when you connect Osmose to it. Always choose the correct port for the specific task. Just activating "All MIDI Ins" for a DAW track instead of selecting the port purposefully can quickly lead to unwanted behavior and/or MIDI conflicts.

Find the explanation of the new ports here: [🔊 Osmose USB MIDI Ports](#)

troubleshooting

If you have questions or encounter any other issues, please visit our [online knowledge base](#). You can create a support ticket there if you require personal assistance.

Congratulations!

You are now ready to enjoy Osmose 2.3.

Be one with sound,
The Expressive E team