


## WELCOME TO THE OCTAVE FAMILY

### Factory Reset Procedure


We are giving you the option of an open system as opposed to a locked system based on firmware updates. Use this power wisely! However, if you're explorative by nature and accidentally compromise the operating system, don't worry — we've got you covered.


Please contact us to receive a factory reset image (20GB) along with step-by-step instructions to restore your device to its original factory state.


 **DRIVER UPDATE:** Please download the latest Realtek v.144.1 (HS-1 DRIVERS, main directory) to fix a random WI-FI bluescreen issue while streaming. This driver also extends the Bluetooth footswitch range.


Alternatively, and if you keep having WI-FI issues, go to 'Device Manager', 'Network Adapters', find the Realtek 8821CE WI-FI driver, right click and uninstall it (might need to repeat this a few times) until you end up with the default Microsoft 2024.0.8.108 WI-FI driver.


 **Note:** We do NOT provide individual drivers or software setup files (except driver fixes).


 **Note:** Don't try to update Windows drivers if something is not broken (always check the 'Windows Updates' .txt file on the main screen to give you the go-ahead of installation of KB updates). Some drivers (WI-FI and BT) are specifically made to work only on this device and this device only. You WILL get poor wireless signal if you try to update the above drivers.


 **Note:** Please do not install excessive software that linger in the background draining resources that trigger constant updates (Office suite, Adobe reader, Android emulators, etc.). This Windows 11 image has been meticulously modified to accommodate live audio scenarios, so keep the operating system as clutter free as possible and don't treat it as a laptop alternative. Please monitor open processes under Task Manager carefully!


 **Note:** DO NOT enable Hibernation on the device! It does not support this mode and you will BRICK your device!

 **Note:** DO NOT tamper with BIOS settings.

 **Note:** DO NOT link your Microsoft Account to your device as this may drain resources, syncing in background, telemetry and cloud services. DO NOT change to any other accounts. **'Admin' is default account.** Do not switch to the ADMINISTRATOR account.

 **Note:** DO NOT use WI-FI powerline adapters in your house. They create heavy audio interference.

 **Note:** If you have audio interference during the day and not during the night, house photovoltaic panels might be the culprit.

 **Note:** In an unlike situation where you cold boot and see an X on the speaker icon on the taskbar, please SHUT DOWN the system (not restart) and reboot to reset the driver and resolve the issue.

🔥 (General audio tips will be updated and shared in this section so check this ReadMe file frequently)

#### 🎸 GENERAL RESOURCES:

- <https://www.overloud.com/products/thu>

(Use your coupon codes found on the desktop of your device for a discount on the full TH-U v.2 software and rest of Overloud products. Our go-to software modeler! **Exceptional CPU load** and a vast amount of captured Rigs, Fluid IRs, pedals and rack effects).

- <https://www.tone3000.com/>

(Download thousand of NAM profiles, IRs and Full Rig captures directly on your HS-1 device. We are working on a custom API tool to download the tone3000 database directly to your device without manual intervention). **CPU heavy**.

- <https://forum.mod.audio/t/list-of-shared-models/9631/43>

(AIDA-X captures. Load these inside the AIDA-X plugin in Gig Performer. **CPU friendly**. Very useful as a NAM alternative or simply add them up in VST chains in case you need more elaborate results but there is a CPU limit.

- <https://guitarml.com/tonelibrary/tonelib-pro.html>

(GuitarML captures. Download the .zip library, extract and use them under the GuitarML module inside the BYOD Rackspace/Gig Performer. **Medium CPU load** on each module, so can't do excessive chains).

- <https://www.decentsamples.com/product-category/publishers/decent-samples/>

(If you are a keyboardist, Decent Samples is a free sample library of instruments and creative sounds. Download directly through the Decent Sample VST plugin in Gig Performer).

#### 🎧 ASIO Driver – One Audio Software at a Time (CRUCIAL)

The installed ASIO audio driver is not multi-client, meaning:

It cannot be shared by two or more audio applications simultaneously.

Running multiple programs at once that share the same ASIO driver may cause the driver to fail in rare occasions or prevent audio software from recognizing the interface. However, we also have installed a universal 'Steinberg ASIO driver' in case you want to use this driver on a second running software (however with the caveat of running with more latency than the factory ASIO driver). It is the only way to have multi-client support under these circumstances.

If an ASIO driver crash happens:

Close all audio programs.

SHUT DOWN the system (not restart) and reboot to reset the driver and resolve the issue.

Alternatively and in an emergency during a live show, you can temporarily use the 'Steinberg ASIO

driver' until you have time for a restart. This will revive the audio interface but in expense of a slightly more latency.

## **System Updates**

If everything is functioning correctly, DO NOT update Windows.

Windows Updates are disabled by default for stability issues.

If you wish to update:

–Scan your QR Code, go to Windows Update .txt file and double check for KB compatibility with your device.



–Open Windows Explorer → go to Documents.

–Click on 'Windows Update Blocker'.

–Enable updates and restart the system.

–After you have finish updating, return to 'Windows Update Blocker' and DISABLE any future updates (crucial, otherwise you will be notified with future Windows updates).

## **Using Gig Performer (GP) – Octave Edition**

  **NOTE** (TWO FINGER TOUCH UNDER GP EMULATES A RIGHT CLICK GESTURE). You can also use the VIRTUAL PAD (icon on the taskbar) to simulate controlling the mouse cursor or simply use a regular mouse. If you use a mouse, be careful of WI-FI mouse dongles or any other wireless dongles! Some cheap ones can introduce audio artefacts in your audio signal.

## **Optimal Settings:**

Go to Options → Audio Setup.

Set:

–Audio device type (ASIO/ASIO 2.0)

–Sample Rate: 48,000 Hz

–Buffer Size: 64 or 128 (recommended for minimal latency and optimal Rackspace switching).

–USB Buffer Size: 4 (smaller numbers will decrease latency, bigger numbers will increase it slightly, however, using 7 on the USB buffer will be more tolerable against audio clicks/artifacts and you can use a buffer size of 32 more reliably).

## **CPU Load:**

Always monitor CPU load under GP.

**KEEP THE GP CPU LOAD BELOW 60%** to ensure seamless Rackspace switching (you need at least 40% CPU margin to prevent system overload on Rackspace switching).

If audio glitches or clicks occur:

–Go to Options → Audio Setup → Revert to 64 or 128 buffer size.

–Or, click the PANIC button TWICE (red exclamation mark, top-right) to reset the audio engine and latency settings to your custom settings.

### **Rackspace Limits** (Octave Edition):

–Max 10 Rackspaces

–Max 6 VST plugins per Rackspace

Upgrade to the Full GP Version for extended capabilities (use the provided coupon code).

### **Basic Signal Routing in GP**

Connect:

Use Audio In Channel 1 or 2 (Top RED rectangle).

Route to your desired VST (e.g., TH-U).

Playback:

Use the Audio File Player to load and play up to 8 backing tracks.

Connect directly to Audio Out or via a 4ch Audio Mixer (Right-click → Audio Mixers).

Press PLAY inside the Audio File Player to start playback.

### **Global Rackspace & Automation** (Full Version Only)

Use the Global Rackspace (icon next to Wiring) to:

-Maintain backing track playback while switching Rackspaces.

-Automate patch changes through marked audio timelines.

### **Footswitch & MIDI Assignments**

Go to Options → Global MIDI.

Footswitch C & D: NEXT / PREVIOUS Rackspace.

Footswitch A & B: Switch Variations.

Alternatively, use Setlists (top left icon) to:

Assign specific Rackspaces to individual songs (Full version only).

## **Creating Custom Widgets**

Use the Panels icon (top left) to create interactive widgets.

Under AIDA-X Rackspace example:

3 Variations with Reverb/Delay ON or OFF.

Click Edit (next to Panels) to map plugin parameters to widgets.

Go to Widget Properties → MIDI → use MIDI Learn to assign any footswitch control.

## **Important Notes on VST Plugins**

Be cautious when using outdated or unstable VST plugins:

These can crash GP or even the ASIO driver.

Only solution in such cases: system shutdown and restart.

Avoid VSTs requiring a Wi-Fi connection (e.g., iLok-based software), as they may:

- Cause instability.

- Interfere with Gig Performer performance.

## **ENJOY YOUR PRODUCT!**