HeadRush Flex Prime

Latest Firmware Version: 4.0.0

Release Date: November 2024

Minimum System Requirements

- Windows 10 or macOS 11
- Host USB 2.0 port

File Backup Instructions

Important: Please back up all of your current rig, setlist, model preset, clone, loop and/or impulse response (IR) files from HeadRush Flex Prime to your computer before updating the firmware.
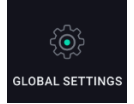
1. Connect your computer to HeadRush Flex Prime's **USB-B port** using a standard USB cable.

2. With your computer powered on, power on HeadRush Flex Prime using the **power switch**.

3. Tap the **Menu** (⊞) icon in the upper-left corner of the **Main** screen, and then tap the **USB Transfer** icon.

4. On your computer, HeadRush Flex Prime will appear as a mass-storage device called **HeadRush**.

   Windows users: If this is the first time you've connected it to this computer, you may need to wait a minute while it installs the class-compliant drivers.

5. Open the **HeadRush** drive. You can now freely click and drag contents between **HeadRush** and your computer. Note that any changes you make to the contents of your **HeadRush** are immediate and cannot be cancelled.

6. **IMPORTANT:** When you are finished transferring contents, you must **unmount/eject** the HeadRush drive from your computer. File corruption may occur if the drive is not properly ejected before continuing.

7. After the drive has been ejected, tap **Sync** on your HeadRush Flex Prime to "commit" any changes you made to the contents of the HeadRush drive.

   As HeadRush Flex Prime analyzes and imports the files, a meter on the display will indicate its progress. The last screen you were on before opening USB Transfer will reappear when the process is finished. Do not disconnect or power off HeadRush Flex Prime during the sync process.
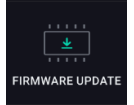
Firmware Update Instructions – Wi-Fi (if an update is available)

1. Tap the **Menu** (⊞) icon in the upper-left corner of the **Main** screen, and then tap the **Global Settings** icon.

   Note: To switch through each tab of the global settings, tap the tabs along the left edge of the screen.

2. Tap **WI-FI** on the left edge of the screen.

3. Tap the **ON** button at the top of the screen. Then, tap the local network that you would like to connect to, and enter the password for the network when prompted.

4. Return to the **Menu** screen and select **Firmware Update.**

5. In the Firmware Update screen, you will be presented with three options: **Cancel, Via USB** and **Via WI-FI.** Tap the **Via Wi-Fi** button.

6. A screen will then open asking you if you would like to update to the latest version of the HeadRush Flex Prime firmware. Select **Yes** to download and install the latest version of the HeadRush Flex Prime firmware.

   A screen will appear with the status and programming of the firmware update.

7. Once your unit has finished updating, it will power off and then back on again. When HeadRush Flex Prime is powering on, you will see the version number of the firmware at the bottom of the screen. You can also check the version of the firmware in the **INFO** tab of the **Global Settings** page.

Firmware Update Instructions – USB

1. Download the latest Firmware Updater application for your PC or macOS from the **Download** section of HeadRush Flex Prime's webpage, from the **Download** section of the HeadRush Support webpage, or from your HeadRush account.

2. Connect the **USB-B port** on your HeadRush Flex Prime to your computer, and ensure both HeadRush Flex Prime and your computer are powered on.

3. On your HeadRush Flex Prime, and tap the **Menu** (⊞) icon in the upper-left corner of the **Main** screen, and then tap the **Firmware Update** icon.

4. On the Firmware Update screen, you will be prompted to shut down your HeadRush Flex Prime and update your firmware. Select **YES** to continue. After restarting, the screen will show **Update** at the bottom edge.

5. Open the **HeadRush Flex Prime Updater** application for your Windows or macOS operating system. (You may need to unzip an additional .zip file to access the actual application.)

6. When the updater window appears, click **Update HeadRush Flex Prime**. Do **not** disconnect or power off HeadRush Flex Prime or your computer until the update is completed.

7. When the update is completed, the updater window will display **Done**, and your HeadRush Flex Prime will restart. Click **Done** to close the updater window.

8. When HeadRush Flex Prime is powering on, you will see the version number of the firmware at the bottom of the screen. You can also check the version of the firmware in the **INFO** tab of the **Global Settings** page.

For additional help, visit **support.headrushfx.com**.

Changes

Firmware Version 4.0.0

New Features:

- **Introducing HeadRush Remote:**

Your HeadRush Flex Prime can now be conveniently edited via a web browser on a computer or tablet. This introduces an incredibly convenient way to use your HeadRush hardware without taking up valuable room on your studio desk, as well as reducing the need to bend and make edits directly on the hardware itself. Best of all, you don't need to install any special software!

To access HeadRush Remote and get started today, follow the directions below:

1. Connect your HeadRush Flex Prime to the same Wi-Fi network as your computer or tablet in the **Global Settings > Wi-Fi** menu.

2. In the same menu, ensure that the **HeadRush Remote** setting is turned **On**. You should then see an IP address here.

3. On your computer or tablet's web browser, enter your unique IP address into the URL field. Alternatively, you can enter **headrushflexprime.local** into the web address.

Note: For best results, we recommend using a computer or tablet with a 7" or larger screen, and using the native web browser for that device (e.g., Microsoft Edge for Windows-based devices, Safari for macOS/iOS-based devices, or Google Chrome for Android-based devices). You may find that other browsers are incompatible with the Remote Editor web UI.

Important: If the remote editor page is shown as "not found" in your browser, you may need to reset your Wi-Fi router when making the connection for the first time.

For more information on using the remote editor, consult the latest *User Guide*.

- **Added support for HeadRush SuperClones**

SuperClones are an enhanced version of HeadRush Clones that combine multiple clones of an amp or pedal captured with different gain settings, making gain adjustments much more realistic to the cloned amp or pedal. SuperClones can be assembled from existing clones using the included Amp Cloner desktop software for mac/PC.

Additionally, **10 SuperClones** have been added to the clone factory folders:

- o Famous Cobra Crunch.sc
- o Flathill TA Tweed.sc
- o Freeman DS.sc
- o Lead ACM800 ZW.sc
- o Marketbass TA501.sc
- o Morgen AC20.sc
- o Vagner Shiva Lead.sc
- o DT Monkey.sc
- o EH Soul.sc
- o Precise Drive.sc

Important: When auditioning SuperClones in existing rigs (either factory or user rigs), make sure to use the **Master Volume** control to find the best level first before adjusting other controls.

Improvements:

- **New Content and FX Block Improvements**

  Added two new FX in the new **Rhythmic** FX category:

  o Kill Seq

  o Splicer

  Added one new FX to the **Reverb** FX category:

  o Spring Guru

  Added the **Matched Cab** collection to the available factory IRs in the **/Impulse Responses** folder. These 48 guitar cabinet impulse response files were crafted for our ReValver plugin to provide a great sounding, easy starting point for each of the HeadRush and ReValver amp models.

  Added **Arpeggiator** controls for the **Hybrid Synth**, **DB-33 Organ**, and **Electric Piano** synth blocks.

  Added **Pedal Clone** to the available list of selectable blocks that can be added to a rig for better organization.

- **Main Rig Page Improvements**

  Added **Rig Output** level meters to the main edit page of the output block.

  Added two additional split signal path options for guitar-only signal chains:

  o **5 – 3/3 – 3** features five slots after the Input, a six-slot split Mix section, and then three slots before the Output.

  o **7 – 2/2 – 3** features seven slots after the Input, a two-slot split Mix section, and then three slots before the Output.

- **Block Edit Page Improvements**

  Added **Block Output** level meters to each block in a rig.

  Added an **Advanced Edit** page for each block in a rig, accessible by tapping the **settings icon** in the lower-right corner of the block edit page. This includes **Input Gain**, **Output Gain**, and **Touch EQ** controls for each block.

- **Hardware Assignment Improvements**

  Added an option in **Global Settings** to change all footswitches to **On Press**, which disables hold functionality and provides better timing with a snappier feel when using the footswitches.

  Added the **Hold Functions** category to the **Hardware Assign** footswitch assignment menu, giving the ability to assign **View**, **Hands-Free**, **Looper**, and **Tuner** to individual footswitches via press. This is especially useful if your footswitches are assigned to **On Press** in the **Global Settings**.

  Added the ability to easily assign a footswitch or scene to switch between two amps, cabs, or IRs located within a single slot. See the **Switch Doubling** section of the latest *User Guide* for more information.

  Added the ability to easily reassign a footswitch or scene to switch between the top and bottom paths of a split signal chain rig.

  Added the ability to assign an **A/B Mix** parameter to the expression pedal to easily blend between the top and bottom paths of a split signal chain rig.

  Added the ability to set an individual footswitch to **MOMNT**, like HeadRush Prime, where users can set the block to be enabled only while the footswitch is held.

- **Amp Clone Improvements**

  Added the ability to demo an Amp Clone when browsing the HeadRush Cloud.

- **Looper Improvements**

  Added an **Unpeel** control, accessed by holding the **Peel** footswitch, which brings layers back in the order that they were removed.

  Added a **Threshold** parameter to the **Looper Settings** page that enables the Looper to be automatically armed for recording when the set audio level is detected.

  Added a **Quantize Changes** parameter to the **Looper Settings** page that syncs the **Speed Change** function to the next downbeat of a measure when enabled and when the Looper has **Global Tempo Sync** enabled.

- **Other Features, Performance Improvements, and Bug Fixes**

  Added external control by MIDI CC messages for the Practice Tool and Metronome.

  Removed the artificial latency that was added when a bypassed FX Loop block was present in a rig.

  Fixed an issue where the Pitch Delay's echoes were out of tune.

  Fixed a rare issue where synth effects could potentially cause dropouts or a glitch noise when changing rigs.

  Many other minor bug fixes, UI improvements, and performance improvements.