



Hear Back PRO – Hub Bootloader Update Instructions



1. Unzip all files from the “Hear Back PRO Hub Bootloader Update.zip” file you downloaded. You can do this by highlighting all the files inside the zip folder and then drag them to your desk top.
2. Double click the “Update.exe” file to run the update program.
3. Windows may display a message like the one below. If so, click “More Info” and then click “Run Anyway”.
4. The update program will guide you through the rest of the update process.



=====

Hear Back Pro Hub -- Firmware Release Notes

=====

The Hear Back PRO system consists of two main components: the Hub and the Mixer. The modular Hub consists of four card slots, which can be populated with any configuration of input and/or output cards to fit your exact needs. Each Hub has the ability to supply signal and power to as many as 32 Mixers (8 per Network Card), each over a single standard CAT5e/6 cable. And with the built-in HBus In/Out ports, multiple Hubs can be daisy-chained together, allowing for truly unlimited system expansion.

The standard Hub (included in the "4-pack") comes pre-loaded with one Network Card and two 8-channel Analog Input Cards which can accept input signals from an audio mixer via auxiliary, matrix, monitor, and/or direct outputs.

More information is available at <http://hearback.com>

Bootloader Release 2.2 - February 13, 2018

CHANGES:

- * Discontinued the use of the STEREO.txt configuration file (shows up on mass-storage drive when you plug the USB into hub)
- * Added support for new Word-Clock card to input and output Word-Clock (goes in slot 2 for input A or slot 4 for input B)
- * Added a new CONFIG.txt file that contains settings for new Word-Clock card internal/external settings for input A and input B (shows up on mass-storage drive when you plug the USB into hub)

Bootloader Release 2.1 - August 4, 2017

CHANGES:

- * Changed A,B,C,D Error LEDs on back of Hub main card to blink twice on boot to indicate V2.1 bootloader
- * Increased Hub status UDP packet transmit rate to 16 updates per second to make iOS Status look more real time.

Bootloader Release 2.0 - June 1, 2017

CHANGES:

- * Support for iOS app communication to allow level metering of audio inputs, and feedback of input source, sampling rate, clock status, & internal temperature.
- * USB mass storage updated to fix issues with file modification and unmounting

the drive (used when USB is connected to hub).

* Added firmware file backup copy feature which copies the firmware if boot is successful (if boot is not successful it will revert to the backup copy).

* Added stereo.txt settings file for editing which channels are stereo

Bootloader Release 1.0 - October 29, 2014

NOTES: * Initial Release