

How to load new firmware into an HVM200 using Chrome browser and Wi-Fi?

Follow these steps to use a computer with Chrome browser to load new firmware into an HVM200. It is possible to load the firmware from any device with Chrome browser although these instructions assume that a PC is being used.

- Locate the HVM200 firmware file and copy it to the desktop. If G4 has been installed on the PC, the HVM200 firmware file can be found in the folder C:\Program Files\PCB Piezotronics\SIm Utility-G4\Firmware. The file name will have a file extension of ".fwhvm2".
- 2) Turn on the HVM200 to upgrade and make sure it is within Wi-Fi range of the PC being used to upgrade
- 3) The HVM200 Wi-Fi must be configured as "access point" mode. This is the default mode but can be changed using the app
- 4) Connect the PC wireless network to the HVM200 by clicking the wireless network named HVM200 with the serial number you wish to upgrade.



Note: The PC being used must support wireless networking which is common with laptops.

- 5) Open Chrome browser
- In Chrome, navigate to <u>http://192.168.1.1/HVM/StreamingData.html?settings&HVM200&meter</u> (You may have to wait or try a couple of times before this works)





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7) When the connection completes, you will see an HVM200 display like the one below

[]] HVM.200 ← → C D 192.168.1.1/HVM/StreamingData.html?settings&HVM2008meter 📅 Apps 🚸 Bookmarks 🙃 Google 💪 Larson Davis Online 💷 🕵 Noise Tutor 📄 Paris Noise Monitori... 🚳 Larson Davis 🦛 PCB 🔯 G4 H 102 100% 00:00:00 Overall aRMS Menu icon 0.1850 m/st RMS 1m PK,1m 0.1831 0.0070 Overall m/s2 aMIN MTVV aRMS **BPEAK** 0.1059 67.865 0.0000 0.0216 0.1019 66.008 0.0000 0.0290 y 69,706 0.1123 0.0000 0.0274 0.1850 117.57 0.0000 0.0436 Overall Hand/Arm m/s2 A(8) A(1) A(2) A(4) A(8) Exo(h) 0.5200 0.3677 0.2600 0.1838 1.8e+4 x 1.96+4 0.5000 0.3536 0.2500 0.1768 V 0.5515 0.3899 0.2757 0.1950 1.6e+4 0.9079 0.6420 0.4540 0.3210 5845.9 Started: -- 00:00:00

- 8) In the browser, click the menu icon in the upper right hand corner
- 9) From the menu, select "Upload Firmware"



10) On the Upload New Firmware dialog, click "Choose Firmware"

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- 11) Navigate to and select the firmware file you copied to the desktop in step 1
- 12) Click "upload firmware"
- 13) Click Confirm to the message dialog
- 14) The firmware has now been updated in the selected HVM200

