

Firmware update instructions for AUDIOROOT eSMART TRIO

Revision history :

V1.0 – initial release

V1.1 – added basic support for standard batteries

V1.3 – added LED brightness control

V1.4 – added external voltage info when running in “advanced mode” – removed hardware revision info

Warning : proceed at your own risks. A failed firmware update is not covered by our 1 year warranty. Updating the firmware requires removing the unit's front panel and accessing to an internal micro-sub connector. Remounting the front panel once the firmware update is finished can be tricky. Do not attempt to update the firmware if you do not feel comfortable opening the unit.

What you will need :

- A fully charged battery
- A cable to connect the battery to the eSMART TRIO
- A USB mini-B to USB type A cable
- A Windows 10 or 11 PC

1- Remove the 4 TORX screws (TX8 or TX10) of the unit's front panel



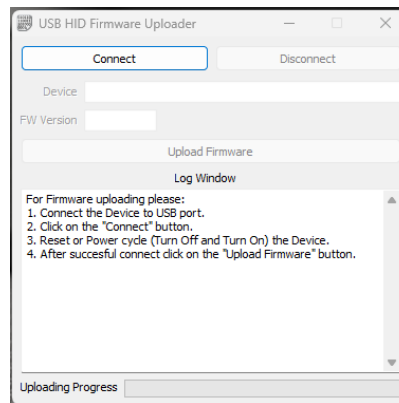
2- Remove the front panel to expose the USB mini-B firmware upgrade connector



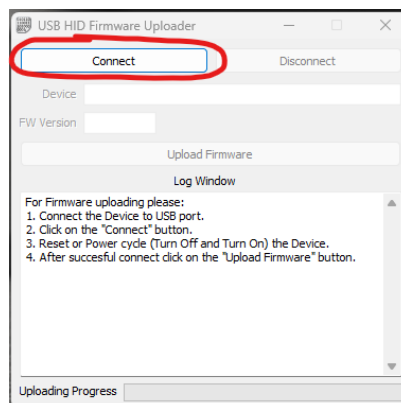
- 3- Connect the eSMART TRIO to the Windows PC using a USB mini-B to USB type A cable



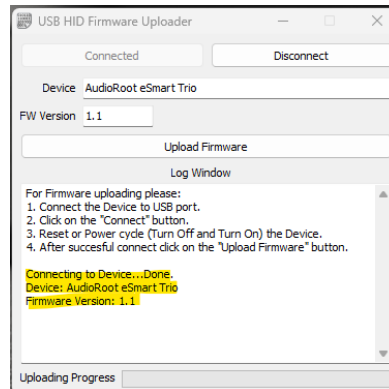
- 4- Connect a fully charged battery to the eSMART TRIO
5- Launch FWUploader.exe on the Windows PC



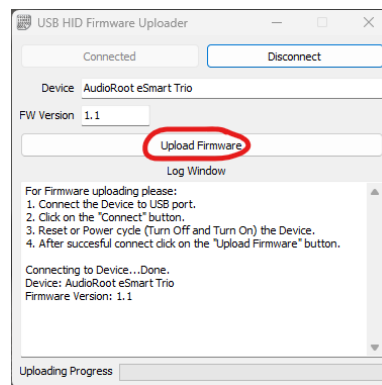
- 6- Click on “Connect”



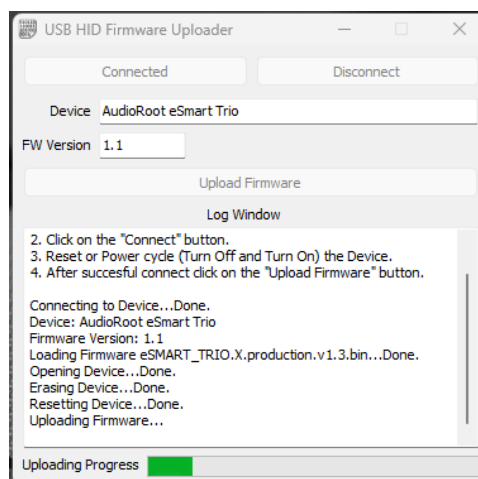
- 7- On the eSMART TRIO : while holding the AUX pushbutton down power up the unit by pressing the MAIN pushbutton for 2 seconds. MAIN led should start blinking and upgrade utility should show as follows :



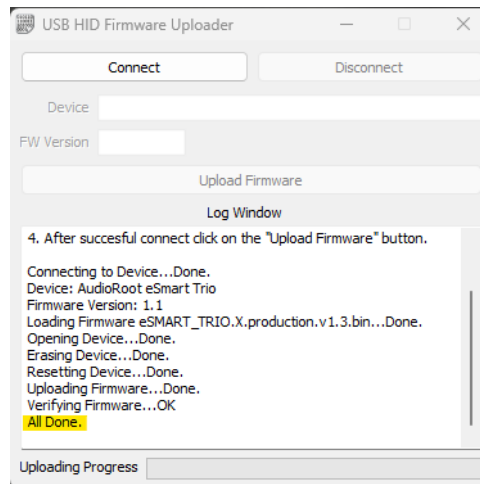
- 8- Click on “Upload Firmware” :



- 9- Select firmware file “eSMART_TRIO.X.production.vx.x.bin” on the computer. Firmware update will start :



- 10- Wait for the uploading process to be finished :



- 11- Once the firmware upgrade is finished all cables can be disconnected from the eSMART TRIO and the front panel can be reassembled.