



FIRMWARE **RELOADER**



OVERVIEW

Please follow the steps outlined in this guide to update firmware on Gigabot®.

If needed, here are some links to other helpful resources:

Gigabot® support: support@re3d.org

Wiki: <http://wiki.re3d.org/>

Community forum: <https://re3d.zendesk.com/hc/en-us/community/topics>

YouTube channel: <https://www.youtube.com/user/GigaBot3D>

Sketchfab: <https://sketchfab.com/re3d/models>

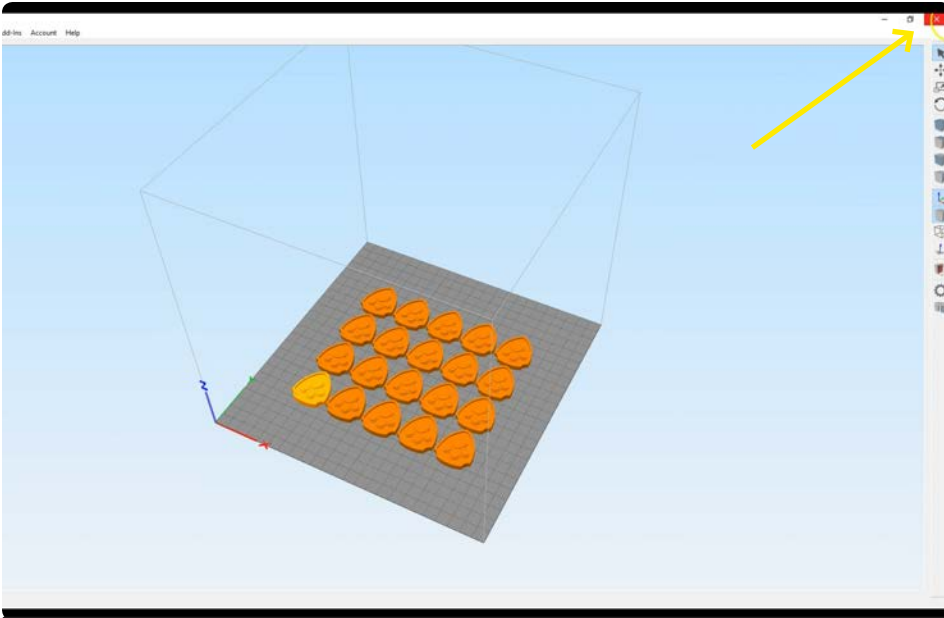
Shop: <http://shop.re3d.org/>

re:3D main website: <https://re3d.org/>

Rev 01 - Sep 15, 2017

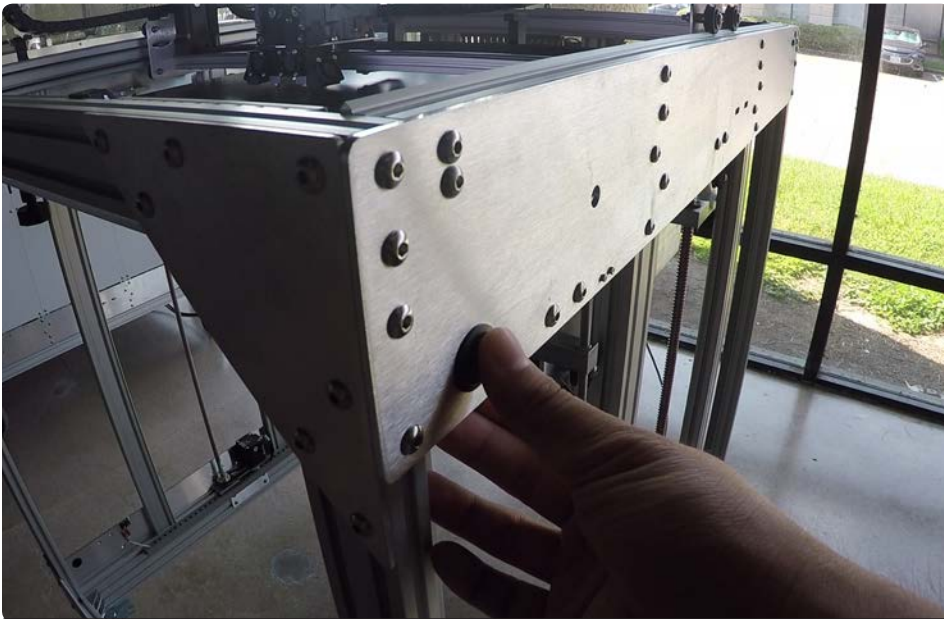
TIPS & TRICKS

- #1** When using the reLoader firmware upload tool, do not leave open any other programs that may try to connect with Gigabot[®], such as Simplify3D.
- #2** Be sure that you have downloaded the correct firmware corresponding to your specific Gigabot[®] model.
- #3** Do not unplug or turn off Gigabot[®] while the firmware is uploading.



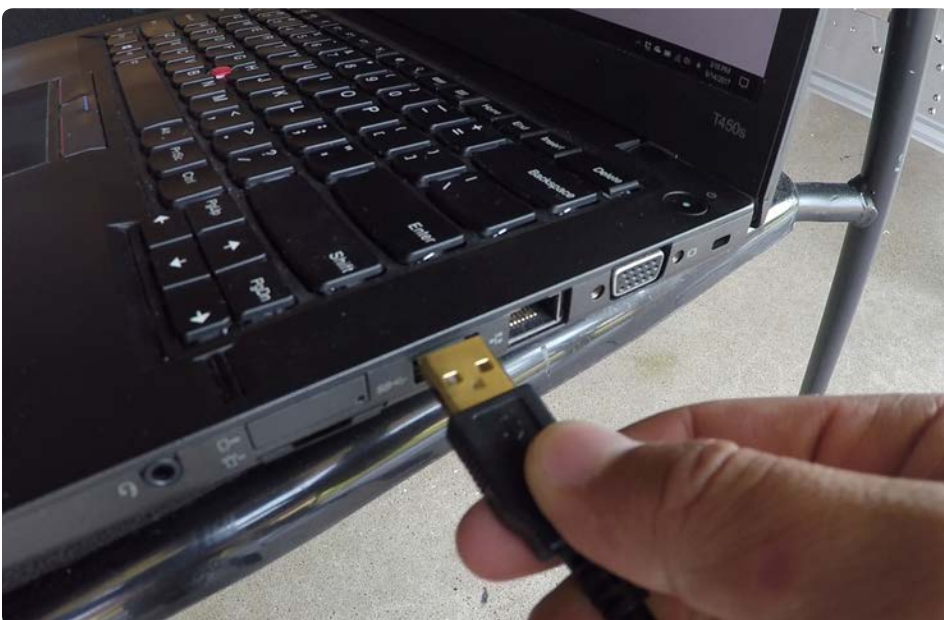
A1

Close Simplify3D if it is open.



A2

Turn off the Gigabot®.

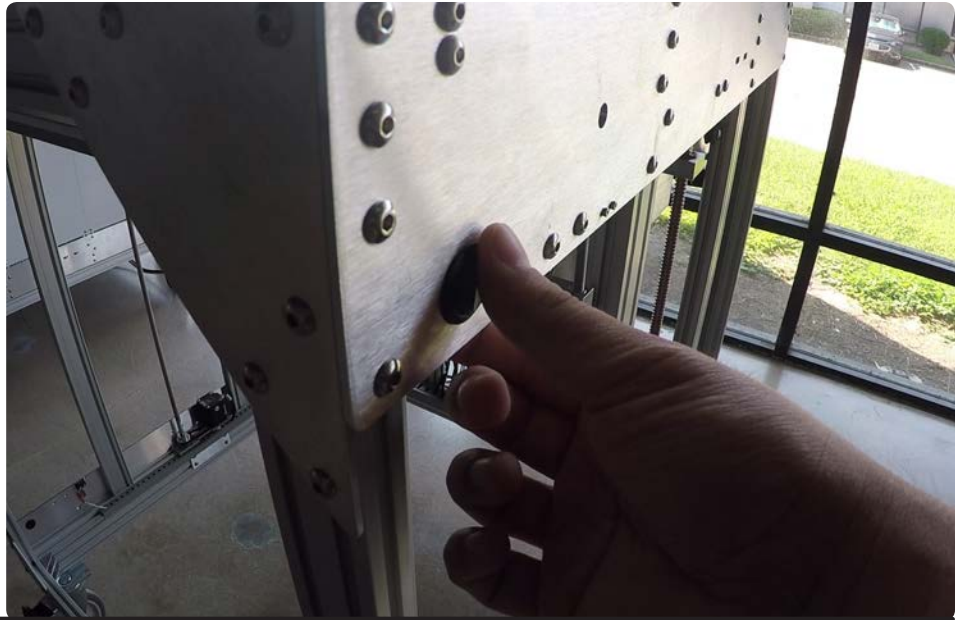


A3

Plug the Gigabot® USB cable into your computer.

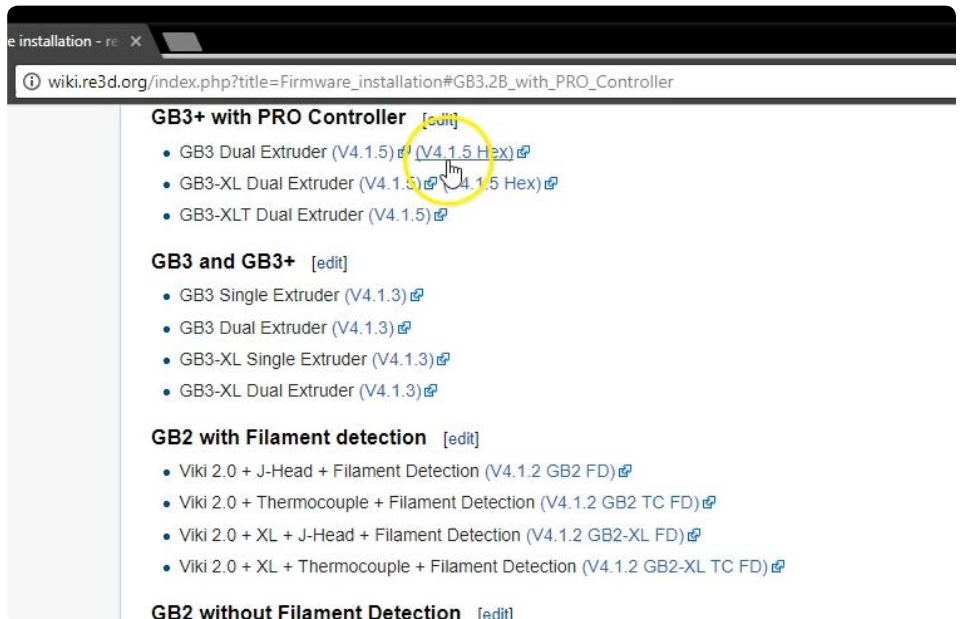
A4

Turn the Gigabot® on.



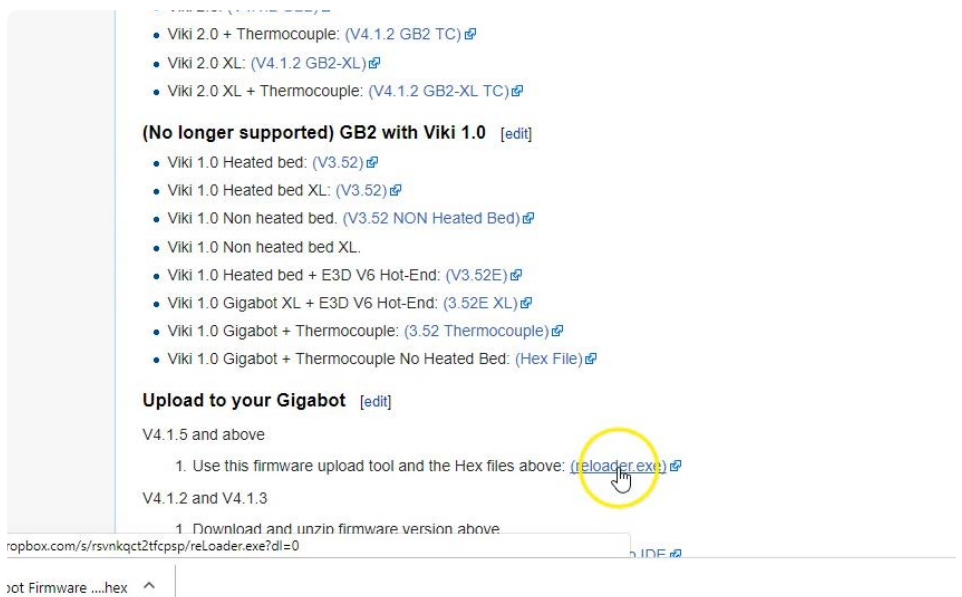
A5

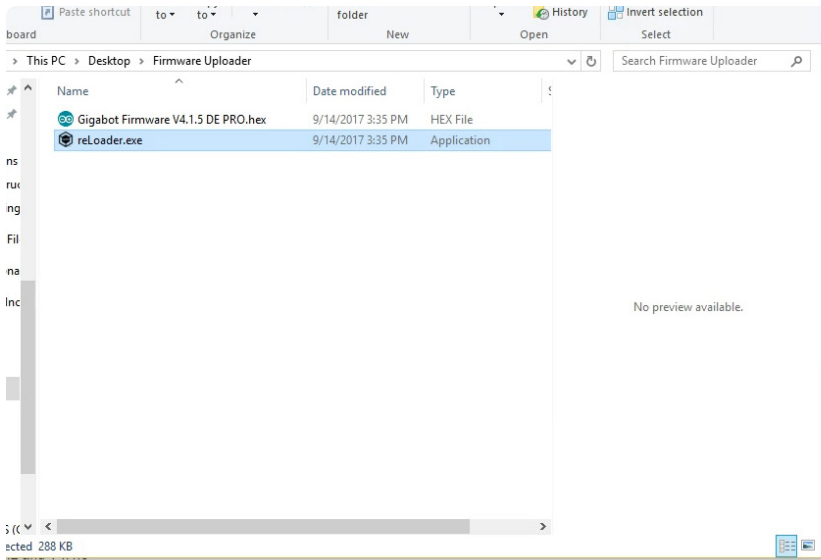
Navigate to the firmware installation page on the [re:3D Wiki](#) and download the firmware .hex file corresponding to your machine.



A6

Slightly lower on the same web page, download the reLoader firmware upload tool.

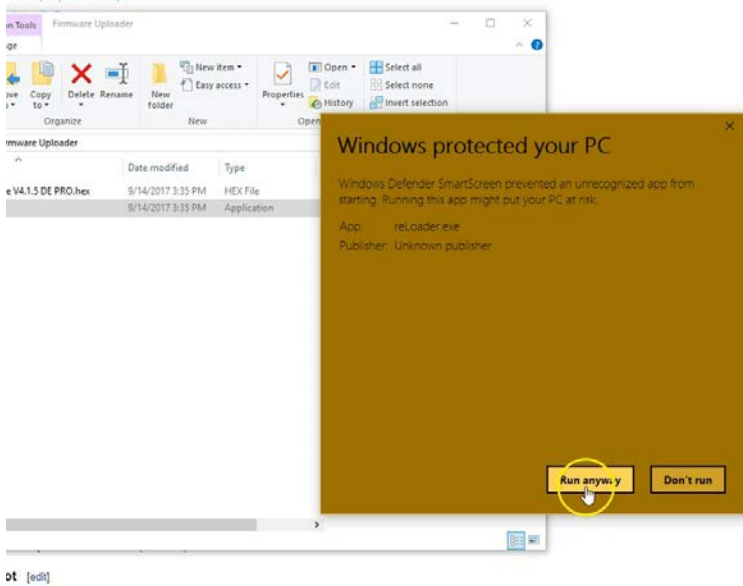




1. Download and unzip firmware version above
2. Download and install the Arduino software version 1.6.6 Arduino IDE

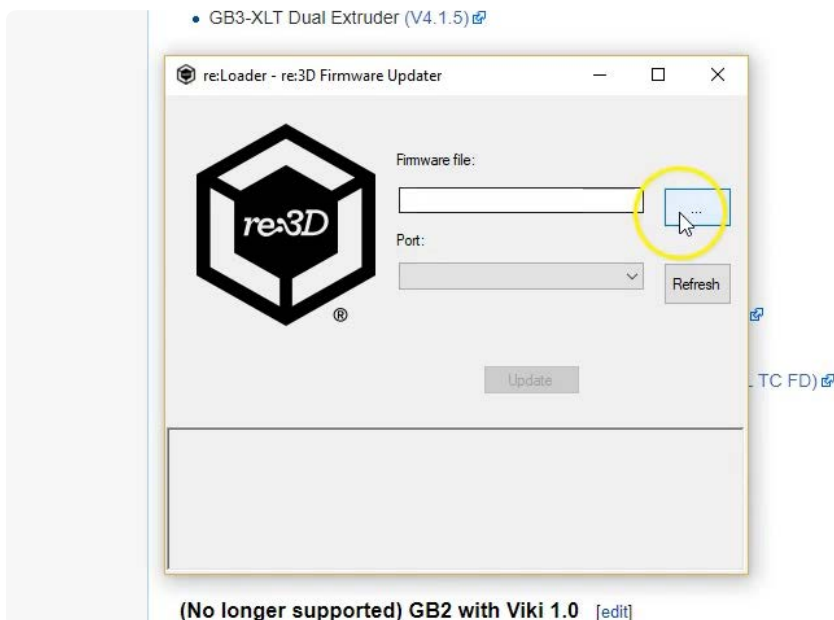
A7

It may help to organize the firmware .hex and reLoader .exe files in a folder on your computer.



A8

Run reLoader.exe. If a pop up shows asking for confirmation, click “Run Anyway.”



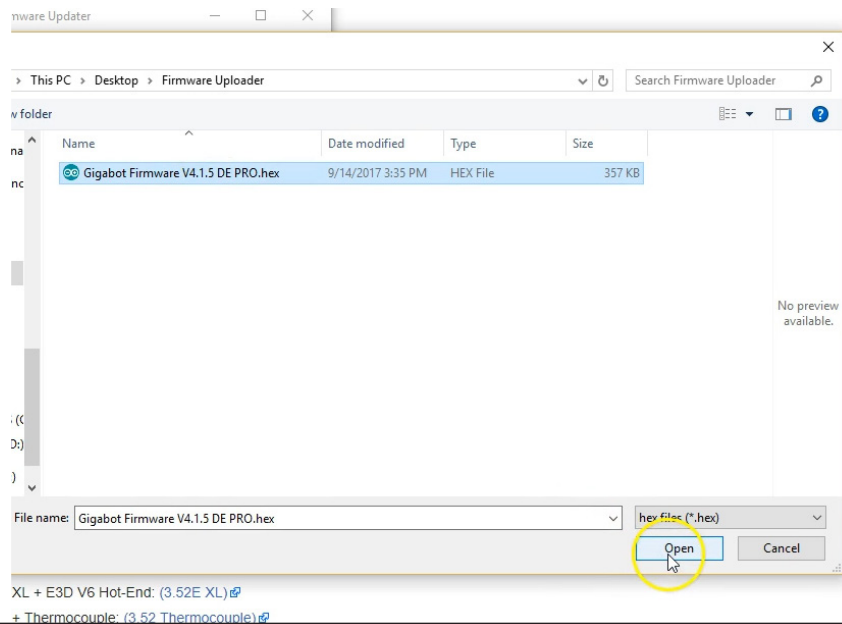
(No longer supported) GB2 with Viki 1.0 [edit]

A9

Click the button next to the “Firmware file” field.

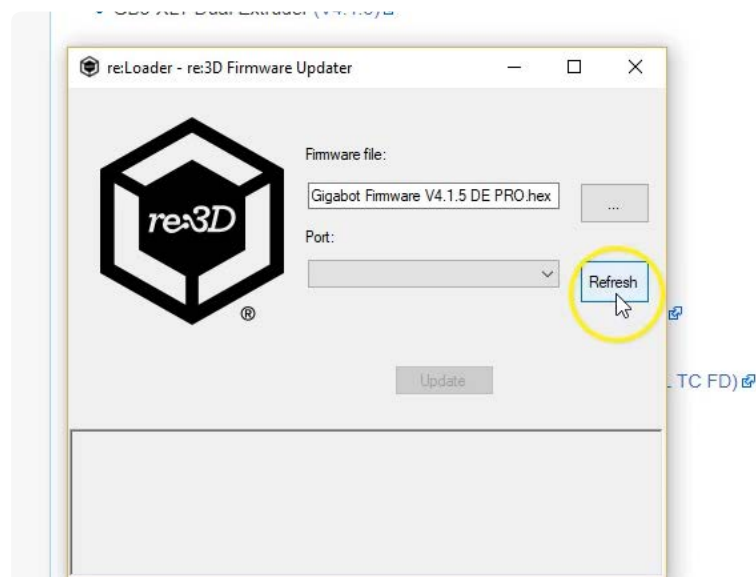
A10

Navigate to where your firmware .hex file is stored and click “Open.”



A11

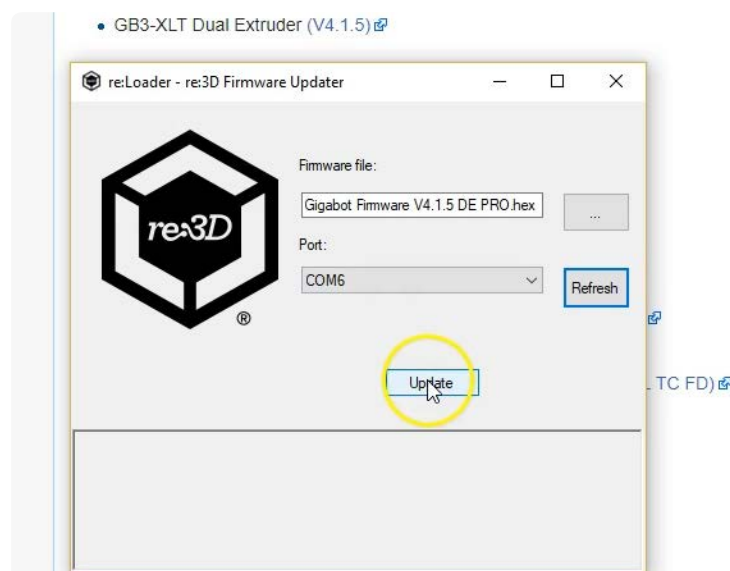
Click the “Refresh” button on the reLoader window.



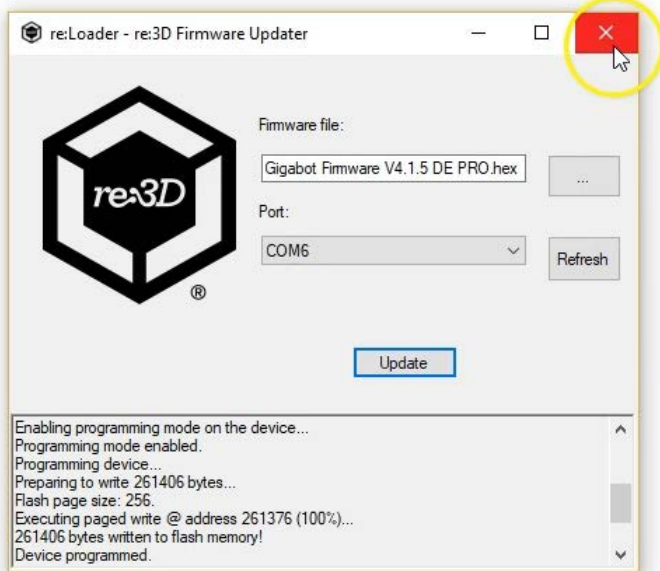
(No longer supported) GB2 with Viki 1.0 [edit]

A12

The COM port corresponding to Gigabot® shows up in the “Port” field. If nothing happens, double check your USB connection. Once the COM port is shown, click the “Update” button.



(No longer supported) GB2 with Viki 1.0 [edit]



A13

When the reLoader tool displays “Device programmed” in its text window, it has confirmed that the firmware has successfully uploaded. You may now close the program.



A14

Unplug the Gigabot® USB cable.



A15

Turn the Gigabot® off and watch the Viki screen as you turn it back on. Verify that the new firmware version has been uploaded.

A16

You may now resume printing with your Gigabot®.



CONCLUSION

CONGRATULATIONS! YOU HAVE NOW COMPLETED FLASHING THE FIRMWARE.

We are confident that you will find this to be a high quality upgrade that increases the capabilities of your machine, but please do not hesitate to contact us for any further issues or questions. Feedback on assembly instructions, support, and other aspects of your experience are welcome. Reach out to us at:

FORUM: <https://re3d.zendesk.com/hc/en-us/community/topics>

WIKI: wiki.re3d.org

EMAIL: support@re3d.org

PHONE: 512-730-0033

Happy printing!



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