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www.iascaled.com

Firmware Update Instructions



IOWA SCALED ENGINEERING – ELECTRONICS MADE EASY!

- Download the .hex file to your computer from the product page on the lowa Scaled Engineering website (www.iascaled.com).

 Look under the "Firmware" section for the latest revision.
- Attach the programmer to your computer using a mini USB cable.

Cable to ProtoThrottle

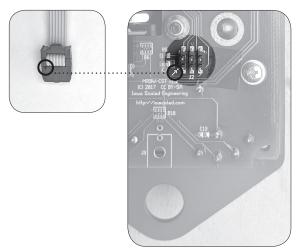


Programmer Important: make sure the slide switch is set to 3.3V

Mini USB to computer

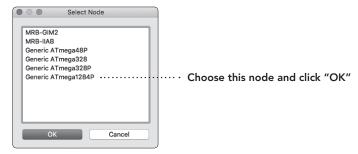
If the yellow LED on the programmer is lit, the slide switch is not set correctly. **Do not** connect to the ProtoThrottle or damage may occur.

Attach the ribbon cable to the 6-prong male receiver on the printed circuit board. Make sure the triangle shape on the ribbon cable's female connector matches with the white arrow on the male receiver.

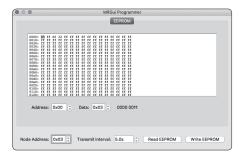




- Follow the directions in our blog article to install the MRGui application for either:
 - Mac: www.iascaled.com/using-mrgui-on-mac-osx/or
 - PC: www.iascaled.com/blog/using-mrgui-on-windows/
- Once you have the MRGui app installed. Open the app and the Select Node screen will appear:



After choosing the node, the MRGui programmer screen will appear. This screen is for reference only.



In the menu under "Program" choose "Update Firmware..." and find the firmware update file to initiate upload. The Console screen (below) will appear and show running progress.

When complete your firmware is updated!

