

# Setting up Arduino IDE to program the Mercury V1

Mercury V1 manual · v1.0

<https://www.altimetercloud.com/support/mercuryv1/setting-up-to-program/>

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The Mercury V1 is based on a ESP32-C6 microcontroller. This can be programmed via the USB port yourself if you fancy using your altimeter as a Development board or as a educational tool to learn how to program 32-bit microcontrollers. The Mercury is a great choice for this as it includes outputs, and sensors for you to use in your own programming.

We have a easy to use online programmer that works with our Mercury. To use it you just need to pop over to it's page here, or you can click at the top of example code in the manual to send it to the programmer where you can edit it, compile and upload the code without leaving your web browser.

(You will need to be running Google Chrome, Microsoft edge or Opera browsers though).

Alternativly our code will work on Arduino IDE software. In order for it to work you need to install the Arduino IDE and then also install the esp32 boards library.

When compiling and uploading in Arduino select the board as ESP32-C6 DEV for everything to go as planned.