

# Cygnus 1 Ex – Firmware Update Instructions.

Issue 3

Feb 2023

The Cygnus 1 Ex firmware can be easily updated using the Data Port on the rear of the gauge. You will require the following items to update a gauge;

1. Cygnus 1 Ex USB Interface & Lead.
2. Cygnus 1 Ex Battery with a good level of charge.
3. A Windows® computer
4. “M5-EX Gauge Updater” utility installer
5. The Cygnus 1 Ex firmware update file – usually named “Cygnus 1 Ex Firmware (v1.1.1297).zip”

## Instructions

1. Install the “M5-EX Gauge Updater” utility on your computer.
2. Connect the USB Interface to the Cygnus 1 Gauge.
3. Connect the USB Interface to the computer.
4. Disconnect any probes from the gauge.
5. Turn on the Cygnus 1 Ex gauge and let it start up.
6. Start the “M5-EX Gauge Updater” utility
7. From the menu-bar, click **File -> Import Package** and select the new **Cygnus 1 Ex Firmware file**.
8. You should see a list of files appear as the new firmware is loaded.
9. Click **Find Gauge**, the status should change to ‘**Connected**’ when a gauge is detected. The ‘Received’ count at the bottom left should now be counting up.
10. Click **Send Files** and wait while the files are all transferred to the gauge.
11. Click **Disconnect**.
12. Turn off the gauge by holding the **X** power key until you see the “Shutdown” message.
13. Turn the gauge on by pressing the **X** power key. Now wait while the gauge updates the firmware, this can take a few minutes so be patient. You will see a red warning screen while updating. **DO NOT remove the battery or try and force the power off.**
14. When the gauge finally re-boots an **Update Message** is displayed listing what has been updated, just press the green **√** key to clear this message – the gauge has now been updated and is ready for use.
15. You can check the firmware version in the Cygnus 1 Ex menu, navigate to **Setup->Gauge Info**.

