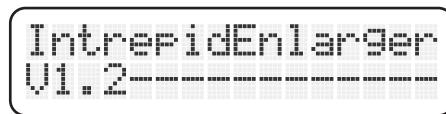


Intrepid Timer firmware update Instructions

- Check the firmware version on your timer (shown at boot), note if there is an “a” at the end of the version number. See images below. If updating from v2.xx then check the quick start guide to get Sys Info.

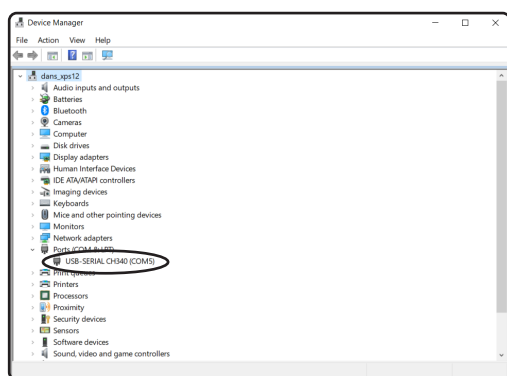


“a” variant

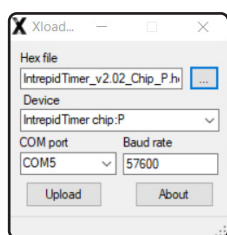


standard

- Extract the zip contents and install the CH340 drivers (CH34x_Install_Windows_v3_4.exe) and the FTDI drivers (CDM212364_Setup.exe)
- Make sure the timer is disconnected from power then connect the timer to your computer with a USB mini cable (the text on the screen may be faint or not visible), check the device manager to see that it has been recognised, it should show up as “USB Serial Port (COMxx)” or “USB-SERIAL CH340 (COMxx)” under the “Ports (COM & LPT)” section.



- Run the Xloader.exe and select the correct COM port from the dropdown list.
- If you had a timer with an “a” suffix then select the “IntrepidTimer chip:PB(a)” from the device list, if not then use “IntrepidTimer chip:P”.



- Then select the correct hex file to load. Again if you had a timer with an “a” suffix then choose the “IntrepidTimer_v2.02_Chip_PBa.hex” if not then use the other “IntrepidTimer_v2.02_Chip_P.hex”
- Then click upload, after a few moments it should be done and the timer screen will flash off and on again.
- Disconnect the timer from the USB and reconnect to the power supply and it’s ready to go. Check the new quickstart guide for information about the new firmware.

Troubleshooting.

- If the upload fails instantly then recheck your settings/selected firmware and make sure the usb is fully seated.
- If the upload fails after a while also check your settings/selected firmware, if it still fails after a while then you can try changing the “baud rate” to 19200 (make sure to hit enter after changing the value).