



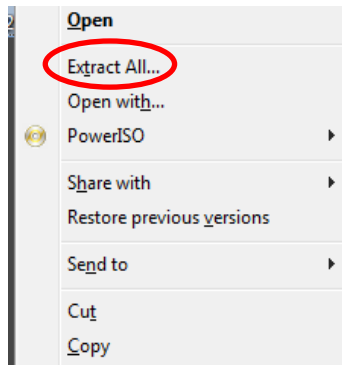
Multisport Scoreboard Firmware Update

Required items:

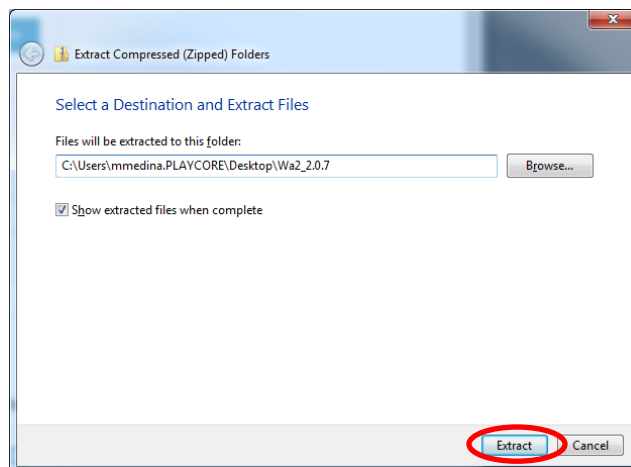
- Windows 10 PC or greater
- WA-2/WA-3 or WTTC
- USB A to USB Micro B cable or USB A to USB B (provided with WTTC)

Procedure:

1. Download and save the MultiSport Reprogrammer ZIP file onto your computer at a file location you can easily access.
2. Once downloaded, find the file you just downloaded, right click on the icon and click **Extract All**.



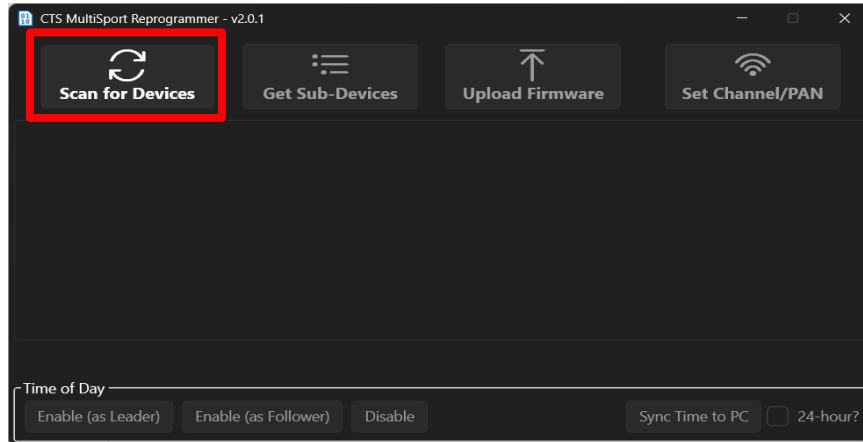
3. In the “Extract Compressed (Zipped) Folders” window; accept the default location and click the **Extract** button.



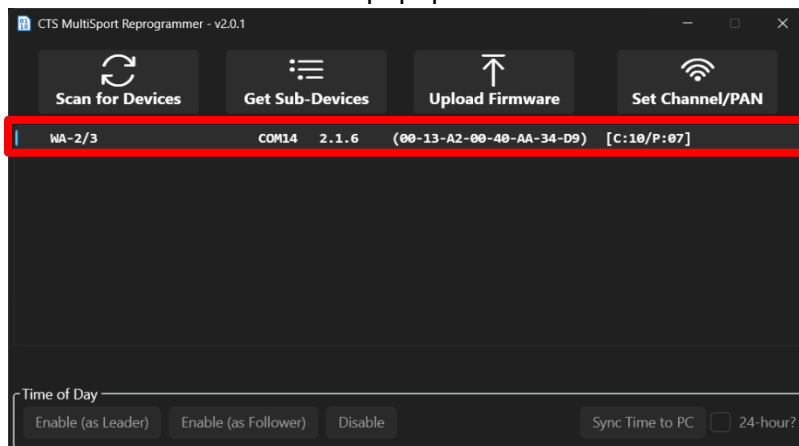
4. Connect the computer to the internet if it is not already connected (this helps with automatic download of drivers and software frameworks).



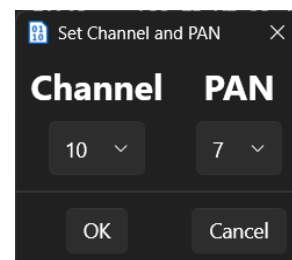
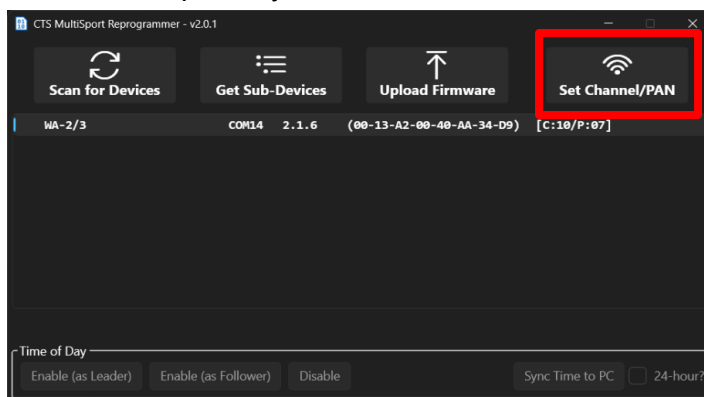
5. Plug the WTTC or WA-2/WA-3 into your computer with the appropriate USB cable.
 - a. If using a WTTC, turn on the controller and leave it at the “Installed Sports” menu; do not enter any sport.
6. Wait a few seconds for the driver to install.
7. On the computer, run the extracted program called “MSFirmwareReprogrammer”.
8. Click the **Scan for Devices** button.



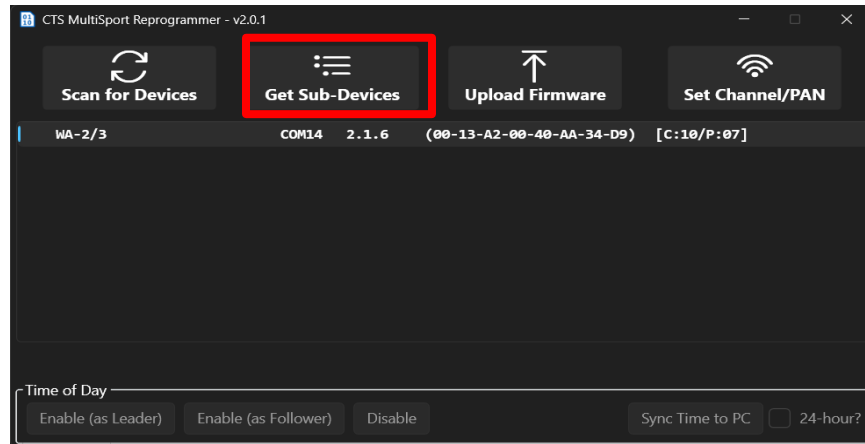
9. You will see the connected controller popup in the list.



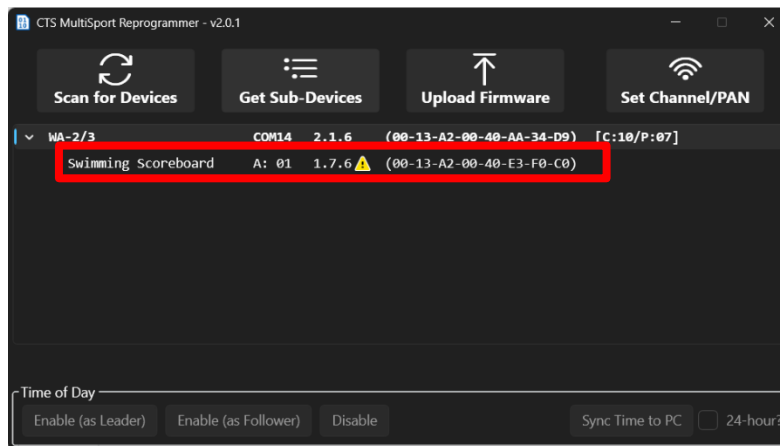
10. If needed, you can change the channel and pan of the connected device to match the channel and pan of your scoreboard.



11. Select the connected controller and then click the **Get Sub-Devices** button.

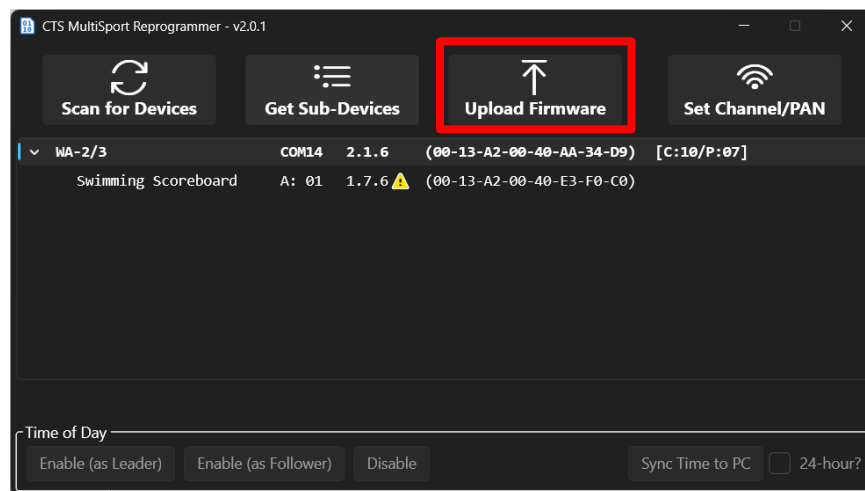


12. This will display any Multisport Scoreboards connected to the controller.
If any connected device is out-of-date, it will be flagged with a yellow warning icon as shown.

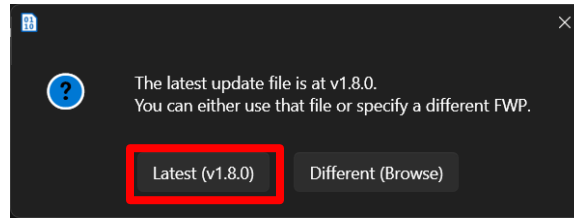


13. Update your controller (WTTTC or WA2/3) before updating any scoreboards.

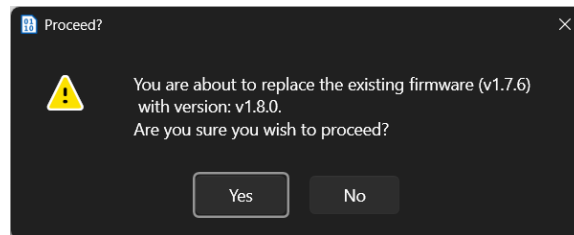
14. Select the desired Multisport Scoreboard and click **Upload Firmware**.



15. The latest firmware file is embedded in the reprogrammer software. Unless you have been directed otherwise (by a CTS Technician), click the button that says **Latest (vX.Y.Z)**

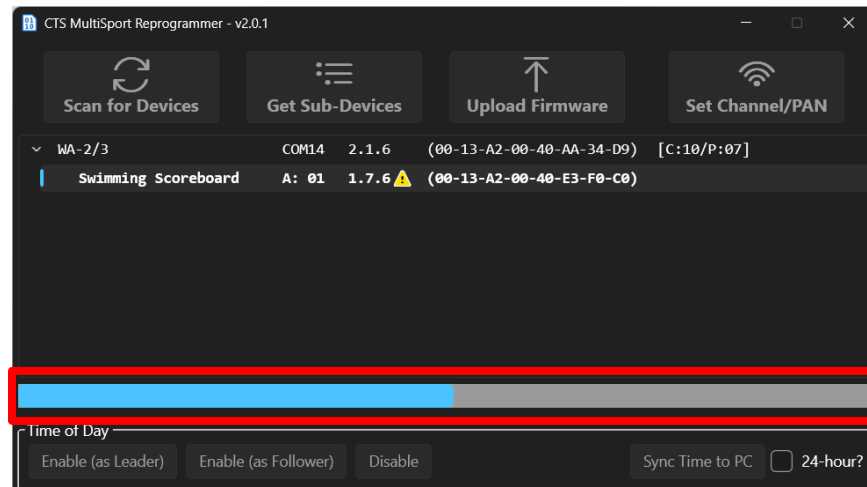


16. A dialog box will appear asking if you want to proceed with the firmware upload. Click **Yes**.

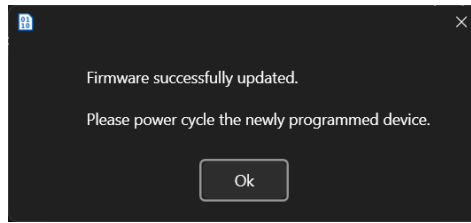


17. If you are updating a scoreboard, the device being updated will display an incrementing percentage as the firmware update progresses.

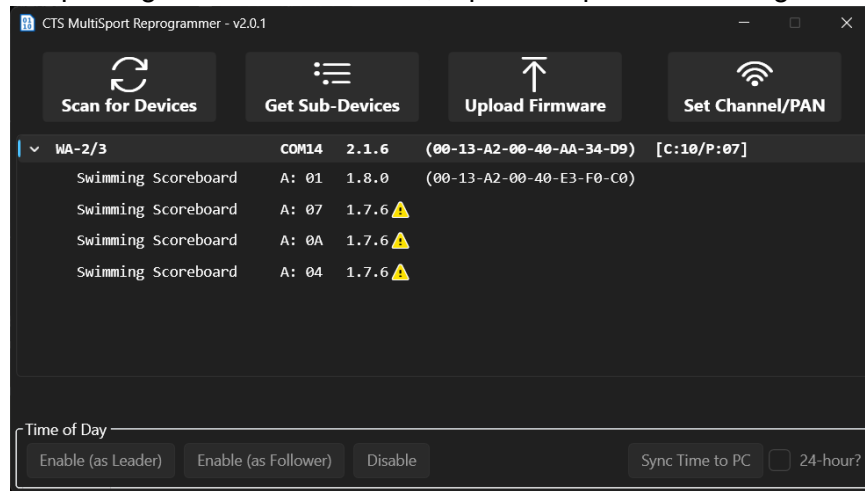
18. A status bar will appear and fill up as the update progresses



19. The process will complete in about 1 minute. When the update is complete, a message will appear stating that the firmware is successfully updated. Click **OK** and power cycle the scoreboard.



20. The update is complete.
If you are updating an Otter scoreboard, repeat the process starting with step 8.



21. When you are done, the reprogrammer can be shut down and the unit can be disconnected from the computer.

