Oz Scale Racers

How to upload lapCounter sketch to an Arduino

Step 1:

- Make sure you have Race Coordinator 1.9.x.x or later is installed on your track computer
- Make sure you have the Arduino (IDE) and drivers is installed on your track computer. You can download them via this URL: - (<u>https://www.arduino.cc/en/Main/Software</u>)
- Make sure your Arduino UNO track interface is connected to your track computer with a USB cable

Step 2: - Start the Arduino (IDE) and check the settings

- 1. Double-click the Arduino desktop icon to start the Arduino (IDE)
- 2. Check that the Arduino board type is set to Arduino UNO by selecting Tools > Board > Arduino UNO
- 3. Check that the correct communications COM port is set by selecting Tools > Serial Port > COM9 Note: The COM port number will differ between computers and Arduino boards

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Step 3: - Open the lapCounter sketch and upload it to the Arduino

- 4. Select File > Open
- 5. Locate the folder C:\Program Files (x86)\Race Coordinator\data\arduino\lapCounter
- 6. Select the lapCounter.ino file and click Open
- 7. Click the Upload button to compile and upload the lapCounter sketch to the Arduino
- 8. The message **Done uploading** will be displayed once complete

