

WWSCC Timing Setup

Cabling

1. Starting from the timing vehicle, unspool one wire spool to the start and one to the finish. Connect the spool to the receiver sensor using one of the grey pigtails from the RA box. RJ45 goes into the middle of the spool hub, RJ11 goes to the sensor.
2. Place fresh batteries in transmitting sensor, turn sensor on and align roughly. They don't need to be dead on as there is no reflection taking place. Beware of differences in inclination though.
3. At the timing vehicle, plug the cable end into the start (or finish) plug on the RA box.

Laptops

1. Plug the Wireless router in and place the magnetic antenna somewhere useful.
2. Plug the “Data Entry” wireless card into the data entry laptop, plug in, turn on, login as timing (no password) and start the data entry application.
3. Remove the wireless USB dongle from the mouse and plug into the data entry laptop
4. Plug the printer in, connect to the data entry laptop with the printer USB cable.
5. Plug the RJ45/serial cable into the serial connector on the RA box, connect to the USB/serial converter and plug into a USB port on the data entry laptop.
6. Plug the “Announcer” wireless card into the announcer laptop, plug in and turn on. Open a web browser (firefox), connect to “<http://sc/>” and follow menus for event and announcer page.

Using the Race America System

Apply power and let the system initialize. It will start in align mode. There will be two numbers, if they are static everything is good to go. If the left one is counting, the start is misaligned. If the right one is counter, the finish is misaligned.

Press '0' (will flash mode, then PC). Press 'Enter/#' to select PC mode. Press 0 again and it should report that sensors are on.

Important buttons:

- Continue Timer/7 – reset finish trip if tripped falsely
- Manual Stop/6 – trip finish manually if car goes around lights

Also note that if you use Clear Timer/4, it will turn the sensors off so you will need to use the Sensors/0 button to turn them back on. If you are unsure if the sensors are on or off, just use Sensors/0 to toggle the value to what you want.