

Timing Kit Setup

- 1) Before you start, make sure you have all the equipment and it is fully charged.
 - a) FDS TBox (Two required if timing remote Start and Finish lines).
 - b) One Apple device (iPhone or iPad) for the TBox setup.
 - c) Two Phones/Tablets for running TimingAppLive (both need to be Android if using USB cables to connect to the TBoxes).
 - d) Two (or more) sets of Photocell beams with Tripods and Aerials.
 - e) (Optionally) Two sets of USB leads (Mini USB male to USB A male) and two USB OTG Adapters (USB C or Micro USB to USB A Female).
- 2) Turn on one set of equipment (One T-Box and one set of beams) using the procedure ... hold the “on” button until the light(s) appear then quickly release and re-press the button and hold until fully on.
- 3) Check T-Box and beams are on the same frequency (I recommend using a different one for each set), To check simply press the “Setup” button on the T-Box and the Receiver. To change to a new frequency simply keep pressing to change from **A to B to C and to D**. You can also use A and B combined (**Orange A**) and C and D combined (**Orange B**)
- 4) Before trying TimingAppLive, use an iPhone or iPad with Bluetooth to check the T-Box settings and status using the “T-Box Setup” App. Select the FDS-TBOX 4x shown. Click Connect on the default Password shown (“0000”). Scroll through the setting, check battery percentage. Check Bluetooth “Enabled” is ticked and “Request Password” is unticked.
- 5) If using the USB cables (**recommended**) set the USB Protocol to FDS Timer (TAG), Periodic Sync Time to OFF.

- 6) Using the "T-Box Setup" App, set Radio Inputs to match the beams WIRC SN (Serial Number). Start beam should be channel 3 or 5. Finish should be channel 4 or 6. Set Radio input locktime to 1 or 2 seconds on each channel. If using a display then set the RS232 (Jack) to "Display FDS" and 9600 baud. Click "Times" and check the current time is correct.
- 7) Sync with GPS or IOS Device time is **necessary each time** you start up the TBox. Recommended is syncing to the same iOS device used for set up.
- 8) Once the T-Box and Beams are on and working you will hear the beeps once triggered. Times will show on the App. Quit the current setup and locate the next T-Box on the iOS TBox Setup App.
- 9) If using Bluetooth to connect the TimingAppLive device to the TBox then keep the device and the T-Box close together at all times (either when checking setting or using TimingAppLive).