RALLYTIME EQUIPMENT SETUP

FLYING FINISH

1 x WHITE FF Box (incl Battery, Rallytime GPS ((TR)) Clock, RF and GPS Antenna & BLACK Heavy Duty Tripod)
1 x Flying Finish Tx Microwave Beam *(RED & marked TX)*
1 x Flying Finish Rx Microwave Beam *(BLUE & marked RX)*
2 x SILVER Light Duty Tripods
1 x 12V/18Ah Battery

FLYING FINISH BEAMS & FF BOX SETUP

1. Place the FF Rx and FF Tx beams on the 2 Silver Light Duty tripods, *keep tripods set as low as possible*.
2. Power the Tx Beam by plugging it into the 12V battery. The Tx Beam stands alone on the opposite side of the road to the FF Box.
3. Plug the black binder plug on the FF Rx Beam into one of the sockets marked A or B on the FF Box.
4. The 2 FF beams must face each other by pointing the red arrow(marked on each beam) in the direction of the other beam. *See diagram below for correct setup of FF beams.*
5. *MAX DISTANCE BETWEEN BEAMS MUST NOT EXCEED 8m. MIN DISTANCE BETWEEN BEAMS IS 5m.*
6. The White FF box is placed on the Black Heavy Duty tripod. Don't over tighten the black handles on the tripod.
7. Ensure the white RF antenna on the FF Box faces towards the END control point. The Clock will show **"◇◇"** if it is communicating with the END Control. **The clock will "beep" constantly if no comms or 12Vdc is present.**

CLOCK SETUP

1. Switch on clock, screw in both the GPS antenna and the RF antenna. Leave in for duration of event / stage.
2. Ensure that the clock synchronises, it must indicate **"TSYNC: yes"**, **"FIX: ?m"** & **"ANT: in"** at bottom of screen.
3. NOTE: Time sync may take up to 10 min!!
4. Press *New Control* key on clock, select *"2.Flying Finish"* then enter your *Control* and *Marshall* nr.
   *** *START, FF and END controls must have the same Control & Marshall nr.* ***
5. The clock must be setup for SINGLE or DUAL trigger activation. This can be setup by pressing *Mode* key, then selecting *"6.Settings"* then *"6.Finish Trigger Mode"* and choosing between *"1.Input A or B(for single)"* or *"2.Input A and B(for dual)"*
6. **"+"** Indicates that the clock is setup for use with a dual FF beam set(2 Rx, 2 Tx), while **"or"** indicates setup for use with a push button / single FF beam set(1 Rx, 1 Tx). Test the FF beams by covering one beam at a time, then both together(if dual set used). Notice the **"A + B"** / **"A or B"** symbol at the bottom right hand side of the Rallytime clock screen. Clock displays **" TRIGGER A / B   Car number *   * "**
7. Time will be stopped while the FF clock awaits a car number from END control which is sent via RF.
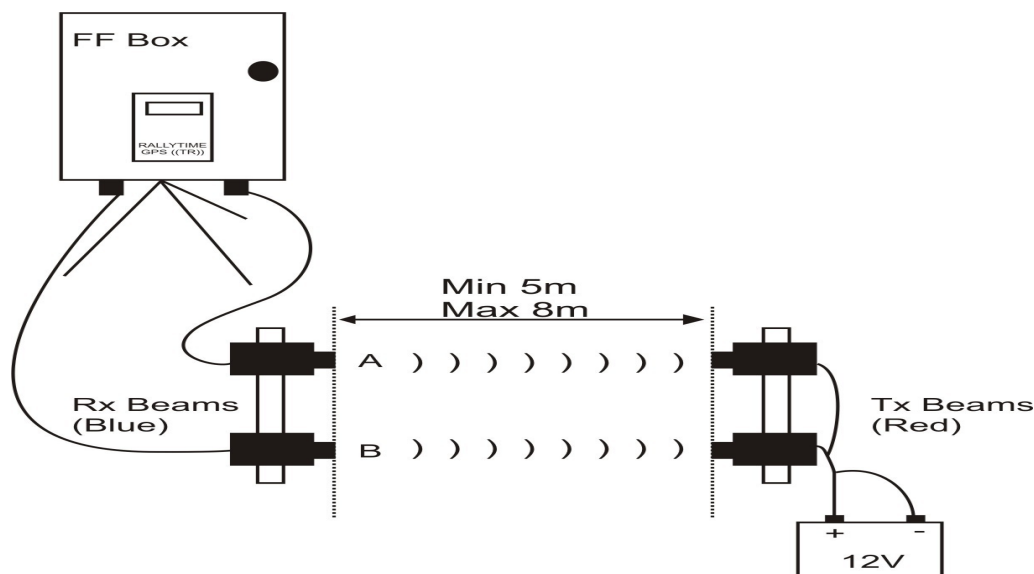   Don't enter a car number on the FF clock!!

Diagram above shows a <u>DUAL</u> FF beam setup, the <u>SINGLE</u> FF beam setup has 1 Rx and 1 Tx beam.