

Timing Setup

Procedure

1. Start WiFi hotspot device.
2. Set up detection loop and connect timing devices (see 'Principal Timing Setup' on website downloads)
 - Decoder
 - ◆ Check loop with a Tx – view result on decoder display.
 - Laptop
 - ◆ Check the WiFi connection
 - ◆ Check time/net time (reset Date/Time on System Preferences if necessary)
 - ◆ Start *attaTime*
 - ◆ Start *mirror_to_ftp.app* found in mouse2>applications on laptop *peterm2* or *mirror_to_ftp* in mouse_r>bin on laptop *ratty* – usually done on a separate desktop so access to it for checking is quick and unlikely to compromise anything on the desk running *attaTime*. Note: If timeouts occur due to flakey cell connection, the app quits, hence the need to check periodically that it's still running.
 - ◆ Select and connect a decoder in *attaTime* and record a passing (SW pane).
 - ◆ Setup Reports; Refresh and Save-as (replace 'existing' so that subsequent saves are quicker); check that uploads are done (*mirror_to_ftp.app*. See note above).
 - ◆ Sync clock - start from Tools menu
 - ◆ Delete known non-starters
 - Start TAG and sync with Sync clock (ie: Time of day). This will be used by the starter. A stop watch is also sync'd for the starter. An option is to use the TAG for back-up timing in which case an option is *WebScorer*—very good if 'Individual starts' are used together with 'Multi-device splits' and the times from the two iPads combined over Bluetooth. The starter's iPad needs to be started precisely at the event start time so start times will match SW times. The finish iPad can be started on a countdown. This setup is good for teams events as more than one rider can be selected to start simultaneously.
 - *WebScorer*
 - ◆ On *Flic* app, activate the Flic button that will be used; close *Flic* app
 - ◆ Set up *WebScorer*
 - ◆ Select Flic button 'ON' on Race Setup panel
 - ◆ If using it, set up for Bibsync on Race Start panel; otherwise just use Timestamp choosing Flic button when asked to do so (this will depend on the setting above)
 - ◆ Choose sync method (web-sync or bluetooth)
 - ◆ On Timestamp device, make sure Fast-tap is selected and,

optionally, Keyboard view

- ◆ Start Race on device(s) using either Countdown or Adjust for start time if things are already underway. Refer to Sync clock. Note that if the Start race button is held down, the start is effected on release and is the most reliable method – particularly if 2 devices are being started simultaneously.
3. If *WebScorer* Time-stamps are all that is being recorded, it will be necessary to enter the occasional bib# for indexing. Select the appropriate time line and, as instructed, select the rider in the upper pane if the keyboard is not being used or enter the bib# on the keyboard.
 4. For each passing, monitor the *attaTime* SW pane, ensuring no passings are missed and that the time recorded by *WebScorer* is comparable; note the average discrepancy. There is typically a 0.2-0.4sec offset
 5. Save the progress results report periodically;
 - save xCat results after the last rider finishes.
 - Towards the end of the event, checking the progress results is the quickest way of checking the number of riders still to complete the course rather than trying to scan through the Results pane.
 6. Once the starter has finished it will be possible to make any start time corrections. The rider will usually have been slotted into an unused start position so simply copy and paste that start time to the rider involved. For some it will be necessary to edit to actual start time: double click to enter the start time cell.
 7. DNF riders can be shown as such by the toggle key, ⌘t. The same key combination can be used to cancel a time in the stopwatch pane (eg for a rider who crosses the loop again after finishing).
 8. Close the decoder connection to *attaTime* before disconnecting the loop.
 9. If intermediate times have been recorded, when the decoder is returned, connect it (having closed the previous connection) and download the times using the command 'Send Turn Times' from the Tools menu; the lap numbers in the *attaTime* results pane will need to be revised
 10. For *Early-bird* events, save the 'BIP points' report to the desktop.
 11. Export the .csv results file (Tools menu) for subsequent import into FMP etc.