

Using Si Electronic Timing for Summer Evening Events

You should have obtained the equipment in advance of the event, probably from the previous event's organiser. The equipment consists of the following:

- 3 Aluminium stakes with control plates labelled Start, Finish and Clear.
- A Blue SportIdent Box containing the printer and its master station, power supply and cables, a small ferrite rod, three purple ecards on a key ring and lanyard, four SI units labelled Start, Finish, Clear and Check. NOTE: This kit has recently been updated and will now work with Si9, Si10 and Si11 version ecards as well as earlier Si5 and Si6.
- Ecards to be used by runners who do not have one or have forgotten their own.
- Some spare rolls of printer paper.

BEFORE THE EVENT.

The nearer this preparation can be done to the event the better – either the previous evening or during the day of the event are ideal. There are two tasks to be done:

1) Prepare the printer.

Take the printer out of the blue box and connect the transformer cable (round pin) to the printer. Connect the power cable to the transformer and plug into the mains. Connect the black master station to the printer. The printer end is a small 'phone type' connector, the socket is covered by a small rubber cover. Switch on the master station by using the purple OFF ecard. The master station will beep and flash and the display on the base of the station will be activated

Switch on the printer at the mains and then hold down the power on switch for about 5 seconds – the green light will start to flash. This means the printer is charging. When the light stops flashing the battery is charged and you can switch off the printer (press the power button and the light goes off), dismantle everything and put back in the box. While the printer is charging and the master station is switched on use the purple ecard labelled Clear Backup to clear previous results out of the master station. Then use the purple OFF e-card to switch off the master station.

2) Prepare the Si stations.

All that is required is to make sure all the clocks in the units are set the same. This is done by using the blue 'SI Master' control which is also the Clear station.

2a) Choose the Extended TimeMaster mode on the SI-Master. This is done by punching with the Purple OFF key (three times) until the display cycles between EXT MA and the time. In this mode the time master will both set the clock in the controls and clear their backup memory.

2b) Place the SI-Master on top of the Start box with the ferrite rod in between (see picture).

2c) Wait for the signal (beep and flashing).

2d) Repeat for the Finish box.



2e) If you look at the displays (top of blue controls, bottom of red ones) you will see that the time is shown together with the control function and other information. You should see that the times are the same! Switch off all the controls with the OFF e-card – display is then blank.

AT THE EVENT.

Put out the three controls and stakes. The boxes will switch on when dived by the first starter/finisher, or you can use the purple OFF key to switch them on. You may prefer to keep the Clear with you at registration and clear cards when people register – but keep the Clear well away from the Finish and master station to minimise the risk of finishers clearing their e-cards by mistake. Issue loan cards if needed – warn the runner that if lost they will be charged for replacement at £30 each. (If you do not know the runner I suggest that you take contact details – we should do this for insurance purposes anyway.)

As people register record their e-card number and name. A suitable sheet is attached, or can be downloaded from the HOC web site.

Runners punch the start to commence timing – note that if the Start control does not flash and beep then the e-card has not been cleared. Clear and Start again!

On completing their run, runners punch Finish. They should then report to you. You should have set up the printer as described above except that you are unlikely to be able to use mains power! Switch on the master station using the OFF purple key. It will flash and beep. You can check it is on by turning it over and the display will be active. Turn on the printer by pressing the small power button – green led should be on and not flashing. The runner will download and a short report with the runner's time will be produced. Make a note of the time on your sheet; you can give the report to the runner. Retain any loaned e-cards.

When all runners are back you can use the Purple card labelled 'Print Results' to print out a summary of all the times. **CARE – do not use the 'Clear Backup' card until you have all the times recorded!**

Retrieve the Clear, Start and Finish boxes and switch them off with the purple OFF key.

Switch off the printer and the master station (with the OFF key).

Pack all the kit away and hand on to the next SEE organiser.

If you have any problems with the equipment please let Mike Farrington or Peter Langmaid know.

Pass the results to the League Coordinator.

JOB DONE!