

To Synchronize the E-Controls (synchronize their internal clocks)

7/27/11 ver.3

Do this sometime in the week before your meet.

You'll need:

- All the controls for your meet, including the Start control(s), Finish control(s), Clear, and Check.
- The GeBe thermal splits printer, if you're going to use it.
- The orange download box with USB connector (this usually travels with the club laptop)
- The special control labeled **SI-Master** (It has an LCD display on its top face.)
- The black coupler rod
- The purple dibber labeled **Service Off**

The procedure:

1. Punch the Service Off dibber in the SI-Master several times, until you see **EXT MA** (“extended time master”) in the LCD display.



2. Press the coupler rod into the SI-Master so that friction holds it in place.
3. Put each control on the coupler rod until it beeps twice, signaling clock synchronization.
4. After all the controls are synchronized, check that they are labeled correctly. If you find mis-labeled controls, contact a member of the Technology Committee.
 - For controls: look at the LCD on the underside. The display will cycle between its programmed number (e.g. **CN 173**), the time, and other bits of info.
 - For other stations: The LCD on the underside should display the station's function:
 - **CLR #** - for Clear
 - **CHK #** - for Check
 - **STA #** - for Start
 - **FIN #** - for Finish
5. Punch each control with the Service Off dibber to turn it off. (It will beep once and the LCD on the underside will go blank.)
6. Hold the coupler rod (inserted into the SI-Master) in the download box of the GeBe thermal printer until it beeps twice. (The printer does not need to be turned on.) After the two beeps, punch the download box with the Service Off dibber to turn it off.
7. Hold the coupler rod (inserted into the SI-Master) in the orange download box until it beeps twice. After the two beeps, punch the download box with the Service Off dibber to turn it off.
8. Finally, punch the SI-Master with the Service Off dibber to turn it off.

This YouTube video shows the procedure:

<http://www.youtube.com/watch?v=EUBEcUNVME0>