Manual

The system is composed of the transmitter and the timer (signal receiver); one transmitter can work with all lap timers that is at the same frequency. 3 of AA back up batteries is suggested for the transmitter.

Features

- Extra LED indicator.
- 10 sets of History records could be saved and reviewed.
- 2.2 inch big screen.
- 30+ hours working time for each battery recharge; LIR2450 is applied in this device.
- Real time clock when idle.
- More accurate battery level indication.
- USB connection to PC to upload or download history records.
- Plug and play connection between the signal receiver and the reader.
- 3x AA batteries for the beacon under optimized power management, working distance and working time are secured.

The Lap Timer (Receiver)

1. This product must be used with the infrared beacon(the signal transmitter)
2. Size: 80x50.5x14.9mm
3. Power: 3.6V Li LIR2450 battery
4. Capacity:110mAh
5. Charging time: 30 min. Working time: Minimum 30 hours
6. The device memory can keep 1000x race records, each race record holds max. 99 laps
7. The user can review the last 10 race records that are stored in the memory

Setting the time and calendar

1. Switch on. The date will be displayed for 2 sec, and the Greenwich time will be displayed after.
2. Press and hold the <T> time for 5 seconds, enter the time setup mode.
3. Set up the Year by press <UP> or <Down>.
4. Press <T> in the year mode, will enter the Month setup mode, set up month by press <UP> or <Down>.
5. And setup the Hour,Minute and Seconds with same method.
6. Press <T> to return to working mode.

Race mode

1. By pressing <S> in clock mode or record review mode it enters the race mode.

2. By pressing <O> or triggered by Infrared signal, the lap timing starts.

3. By pressing <S> again, the timing stops and the records will be displayed.
NOTE: During normal timing, if the <O> button is pressed or infrared signal is received, a new lap will be started. The last lap time record will be displayed for 10 seconds.
If the last lap was faster than all previous laps, the LED will flash for 5 seconds.
If the last lap was slower than previous laps, the RED LED will stay on for 5 seconds.

Record display mode

- By pressing <UP> or <Down> it shows each individual lap.
- By pressing <O> button check the fastest lap, slowest lap, average lap or total time.
- By pressing <T> enter clock mode.
- By pressing <S> enter race mode.

- By pressing and holding <UP> or <Down> for 2 seconds check the next or previous race record set.
- Device will go back to clock mode after 3 min idle.

FAQ:

Q: What happens if the timing is not accurate?
A: When the battery is very low, RTC(real time clock) will stop working and the device will not run normally. Recharge it and it should return to normal operation.

Q: How to download records into the computer?
A: Turn off your timer and connect to PC with USB cord; Turn on your timer and your PC will recognize it as a USB Drive. Work on your timer like a USB Drive.

Q: Why does the USB not work?
A: Charge the battery for a while and try again later.

Q: How do I change the minimum time interval, for example, 1 sec. 5 sec. 10 sec. ?
A: The default time interval is 10 seconds, which means each lap time must be longer than 10 seconds. To change the minimum time interval, press the T and enter the clock mode. Press S for 6 seconds, see that the LED flashes, and you will see the new interval, 10 -> 1 ->5 ->10.

Q: How to delete old records?
A: In clock mode or history review mode, press and hold the <O> button 6 seconds, the memory will be formatted, you will see the LED flashing during this time.

Q: Why does the LED not light up during recharge?
A: The LED won't light up during recharge unless the power is switched on. It is normal since the device is completely powered off when inactive. ALWAYS turn off the device before you stop the recharge and unplug the USB.