

Mounting and operating manual laptimer LPT-60

1. Technical data:

- Stores up to 60 laptimes
- Monitoring of slowest/fastest/average laptime
- Displays time, date, programmable alarm
- Key beep
- Water resist (not watertight!)
- Battery life cycle up to 2 years

2. Mounting the display unit:

Mount the display unit with one or two of the furnished cable ties on top of the steering wheel. When mounting above a spoke, use two ties crossed over. In case (when mounting on vibrating parts) please put the furnished neopren plate underneath.

3. Mounting the sensor:

The sensor must be mounted lengthways as near as possible to the road (max distance in mm noticed on the bottom side of the sensor). Always use the furnished plastic screws and rubber buffers when mounting the sensor on the floor panel.

Drill 2 holes of 6,5 mm in a distance of 14 mm (see stencil below). Don't tighten the screws too much.

If the sensor should not be triggered when crossing the magnetic stripe it could be mounted upside down (letters on the bottom side) to reduce the distance to the floor panel, but pay attention that it doesn't touch the panel directly.

Pay attention to:

Don't mount the sensor near to parts of steel. Don't use steel screws for mounting.

The sensor is very shock sensitive, so it's required to mount it on a place where vibrations are low. The furnished rubber buffers should damp the vibrations on most karts, but in some cases, it may be necessary to add additional damping. We offer a special damping mount LPT-DH for those cases, which requires a cut out in the floor panel.

if possible, mount the sensor on the side opposite to the motor or the mid of the floor panel besides or before the tank.

Faults caused by vibrations show themselves in too short and irregular laptimes.

The display unit might be disturbed by emi from the ignition. Don't lay the sensor lead near to leads with ignition voltage (i.e. rev meter).

In such cases the display unit may have resets (loss of time/date) or display irregular laptimes.

Using a resistor spark plug or resistor spark plug connector should solve this problem.

In some circumstance you may have to reset the unit (pressing all 4 buttons simultaneously or: see battery change) for proper operation.



4. Operation:

To simulate the sensor in the chrono mode off the race track you might use key B or use a small magnet. This might help to get familiar with the operation of the device.

Before the start:

Make sure that the device is in chrono mode. To achieve this press key D as often as needed until LAP/SPLIT/CHRONO is displayed in the left side of the display.

Press key A to start the counting. In the bottom line the total time since start will be displayed.

During the session:

The first time you cross the magnetic stripe on the race track the time since pressing start will be displayed in the upper line of the display. This is not a regular laptime.

The second time you pass the stripe the first regular laptime will be displayed. In the left upper corner 02 for lap 2 will be displayed.

Every time you cross the stripe again, this number will be incremented.

During a break in the box:

Press key C to enter the recall mode. Laptime 1 is recalled from memory. Press key C repeatedly to show all stored laptimes.

Options:

Press key B in the recall mode to recall the fastest lap. Press it once again to recall the slowest lap.

Press key A to recall the average laptime.

Resuming the session:

Press key D to return to the chrono mode. The device will time the next laps. The first time outlap is irregular, it includes the break time.

After the session:

Press key A in the chrono mode to stop counting. Press key B if you wish to delete all the stored laptimes.

5. Other functions:

Adjusting time and date:

Press key D as often as needed until the you see the day of the week in the upper left corner. Press key B to select the setting (alarm/date/time) you'd like to adjust. The setting to be changed will flash. Use key A to adjust the selected setting.

When you entered a new alarm time, the alarm will be activated, and the AL-symbol will flash. You can deactivate the alarm by pressing key C at any time. When finished all settings press key D.

6. Battery change:

When the display becomes dim or faded out, battery replacement is necessary.

1. Unscrew and remove back cover.
2. Unscrew the battery contact.
3. Replace with fresh lithium battery CR2032 or equivalent.
4. If the display should show irregular signs, use a small metal tool (such as a tweezer or a screw driver) and momentarily short circuit the 'AC' pad (Reset).
5. Rescrew the back cover.

Do not litter the used battery, dispose off according recycling regulations of your country!

Safety instructions:

Don't try to read the stored laptimes or operate the device while racing, just do this off the race track.

And now have fun on the chase for new lap records !

Mounting stencil sensor holes



Mounting sensor on floor panel

