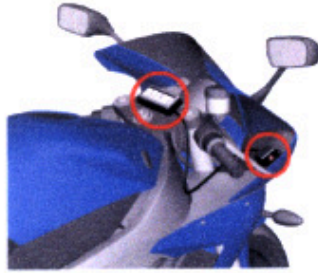


- User's Manual -

Placing the receiver

- If it is possible do not expose to heat. (e.g.: Do not place it into the air stream coming from the cooler.)
- The sensor must be in the emission cone of the transmitter when passing by the transmitter.



Using the appliance

On one side of the lap timer you can find two buttons (Select, Step). You can use them to navigate in the menu. By pressing the Step button you jump to the next menu option, the Start button chooses the given menu option.



The menu system of the appliance

| | |
|-------|---|
| StArT | START: Measuring with learned code |
| CoDE | CODE: Setting the code |
| ScAn | SCAN: Measuring without learned code |
| LISt | LIST: Listing lap times |
| oFF | OFF: Switching off |

Two possible ways of measuring lap time:

1. First teach the transmitter' code to the receiver by choosing **CODE** function and with the transmitter. If the teaching was successful the code will be seen on the display. If the transmitter comes from another producer the type of the transmitter will also appear. After this press **START** and it will measure lap times according to the newly learned code.
2. When using someone else's transmitter start by using the **SCAN** function. In this function the appliance will remember the code of the first transmitter you pass by. In all the following laps it will use that transmitter.

After each lap the lap time can be seen on the display for 15 seconds.

Listing lap times

Lap times can be listed by choosing the **LIST** function. On the display you will see the sequential number of the lap for one second then the lap time. By pressing the Step button it is possible to jump to the next lap. Exiting this function is by pressing the Select button.

Switching off

The appliance can be turned off by using the **OFF** menu option. Also, it turns automatically off after 1 minute, except during **START** and **SCAN** mode, when measuring lap time.

Changing battery

- The lap timer functions with CR2032 type button battery.
- Take off the back cover with a screwdriver.
- With the help of a small screwdriver push the old battery out of its place.
- Put the new battery into its place.
- Screw on the cover.

Placing the transmitter

- The infrared LED lights have to face the track.
- The infrared beam coming from the transmitter should be vertical to the track.
- The transmitter has to be placed at least at 5 m distance from other transmitters.
- The sensor has to be in the emission cone when the vehicle passes the transmitter.



Power supply

It is best to use the transmitter with a 12V gel battery. With a 1,2 Ah battery it functions for about 10 hours. The transmitter is equipped with reversed polarity protection.

Switching on and off

The appliance can be switched on and off with the switch on the top.

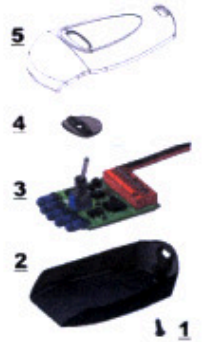


Setting the code

The transmitters are manufactured with different codes but in case of parity or interference it is possible to set another code.

For setting a new code the transmitter has to be taken apart by unscrewing the screw on it. See the illustration:

1. Screw
2. Enclosure
3. Printed circuit
4. Sealing
5. Cover



The new code can be set with the help of the switches found on the printed circuit. The switches one and two (marked with black) set the sector code:

- 00 – home straight 01 – sector 1
- 10 – sector 2 11 – sector 3

They are set to 00. You do not have to change these settings as the sectors are only there for future development and in case of using one transmitter they have to be set to 00.

The other 8 switches can be set to any personalised code (0...255). (In case of timing sectors these have to be set to the same code on all transmitters. This refers to future development of the product.)

⚠ Safety Precautions!

- When mounting the appliance make sure that the cable of the sensor is not hindering steering.
- Continuously looking at the display of the lap timer distracts attention from driving. Look at the track!
- Do not go faster than your abilities permit in order to reach a better lap time. For a good lap you need experience and patience.

Wishing you a safe ride:

Geza Szayer – designer/developer

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