

MY-CHRON Light MCL

Operating Instructions Model MCL/M V 1.11

- Huge 480 Lap Memory
- Up to 9 split times
- 1/100 Second accuracy
- Optical or Magnetic Beacon receiver
- Self Powered
- Long Life Coin Cell Batteries
- Easy to Read Display
- Non-Volatile Memory
- Auto-Off Feature
- Large 12 mm Numerals
- Hands Free Operation
- 1 year Warranty

Specifications

Weight 85g (3 oz.)

Display Size: 17 x 43 x 77 mm (.7 x 1.7 x 3.0 in)

Display to Receiver cable: 55 cm (21.7 in)

Quick Start Guide

1. Place the transmitter on the trackside with the power ON. Press ON button on My-Chron display and Go!
2. At the end of the test press MEM button to end the test. Your My-Chron goes into RECALL PAGE, in order to let you see your best lap time. Press the left and right scroll buttons (<< and >>) to view all your lap times and, if setted, your split times.
3. To clear the memory, exit from RECALL PAGE pushing the right end push-button (VIEW) for more than 1.5 secs. The display will return to the default 0:00:00 display.

Configuration functions

Before getting started, please configure your gauge in order to get right data from your system

After having turned the power ON, please, enter into CONFIGURATION MODE (push **MENU** pushbutton) to sett the parameters.

The parameters that you have to set are here explained.

Beacon obscuring time

This function sets the beacon obscuring time. This parameter is important to avoid the risk of false lap time in case more than one beacon transmitter is on the track side (if Infra Red receiver is employed) or in case of multiple magnetic strips on the track (if magnetic receiver is employed and you don't want to see split times).

If your Lap time is about 1 minute, for instance, set this parameter at 50 seconds.

AIM always suggests to install one only transmitter on the track.

To run this function, after having entered CONFIGURATION MODE, push MENU till when you see:

min time

Then push CONF to display the set value; please use CONF to scroll from digits and NEXT/MEM to change value of the blinking digit. Once chose the proper time, you have to confirm it pushing MENU. In this way you enter the next configuration field.

Visualization of LAP time

This function sets the displaying time of the lap time.

To run this function, after having entered CONFIGURATION MODE, push MENU till when you see:

Vis time

Then push CONF to display the set value; please use CONF to scroll from digits and NEXT/MEM to change value of the blinking digit. Once chose the proper time, you have to confirm it pushing MENU. In this way you enter the next configuration field.



Split's number

This function sets how many "split beacons" you have on the track. It's possible, in some particular applications, to have more than one transmitter on the track; additional transmitter installed on the straight give "split time". In this case users must set Min Time lower than time between first and additional beacons.

To run this function, once entered CONFIGURATION MODE, push MENU till when you see

tot spl t

Then push NEXT/MEM as many times til when you see the desired split number. Once chose the desired value, please push MENU to confirm. In this way you enter the next configuration field.

Timer feature

Your My-Chron Light MCL has two operation modes: the default one, where you may see the time statically and the TIMER mode, where you may see the time scrolling 10 times every second. You can toggle the modes in this way: enter CONFIGURATION MODE, push MENU till when you don't see

timer

Then push NEXT/MEM to switch between **Y TIMER** (Timer YES) and **N TIMER** (Timer NO). Once chose the desired mode, please push MENU to confirm. In this way you enter the next configuration field.

Other functions

Engine working time

This function computes the total working time of an engine. To run this function, once entered CONFIGURATION MODE, you'll see

TOT run

Push CONF to display the total engine working time.

Data clearing

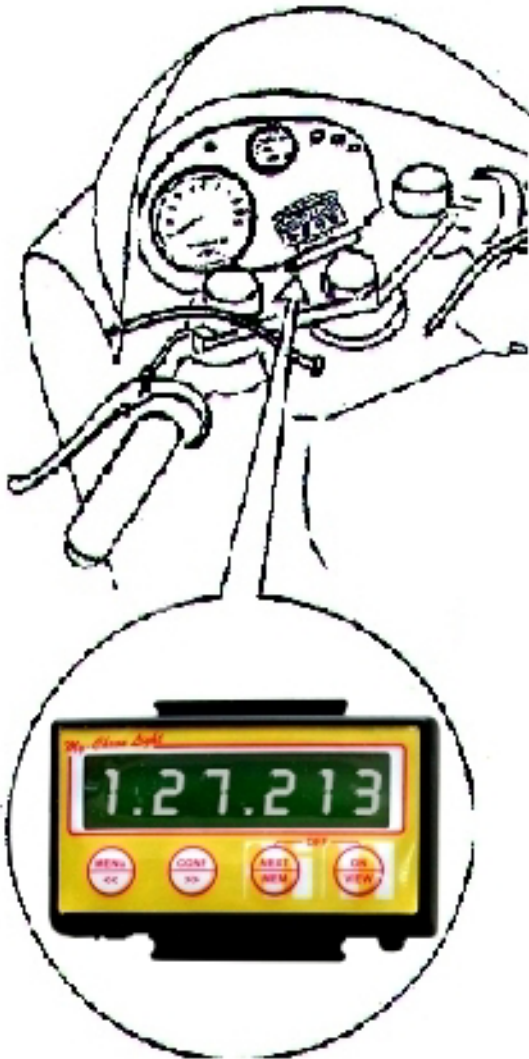
This function clears all data stored in the memory. To run this function, once entered CONFIGURATION MODE, push MENU till when you see

cl r data

Then push NEXT/MEM twice to erase data



Installation



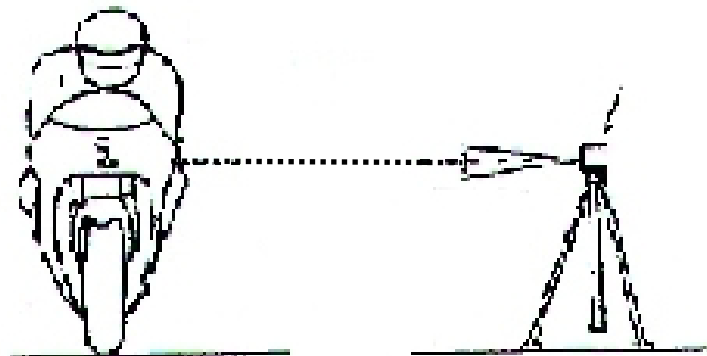
1. Install MyChron Light MCL display on the cockpit in a position clearly visible for the rider and secure it with two tapes of biadhesive or of Velcro.

2. Secure then Infrared receiver so to have a secure clear line of sight to the transmitter (See draw below).

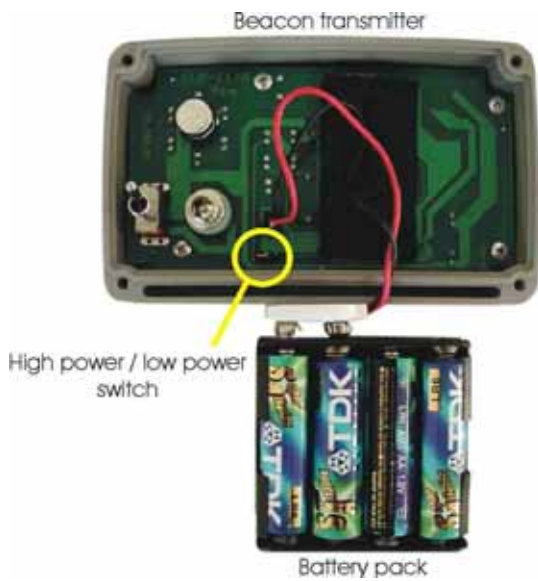


3. Place the infrared transmitter near to the side of the track.

**NOTE: one only transmitter for track is required. All MyChron use the same frequency.



Optical Beacon Transmitter



The Beacon Transmitter has to be placed on the track side to mark laps.

To install the batteries, unscrew the coverage. It is also possible to power the transmitter by an external 12V battery using the external power wire

The transmitter has two operating modes: Low power and High Power. The Low Power Mode is to be used when the track is less than 10 meters wide, while the High Power mode has to be used when the track is wider than 10 meters.

You have the possibility to switch between low and high power mode, moving a switch positioned on side 2 of the board. As you switch to High Power the LED on the front of the transmitter switches on.

Please, note that, in High Power Mode, the transmitter has to be powered by an external 12 Volts battery.

Optical Beacon Receiver



The "eye" of the receiver has to be installed pointing the transmitter.

Magnetic Beacon Receiver



The Magnetic Receiver has to be installed under the body of the motorcycle, at a maximum of 7 inches from the magnet

