Figure 1: MyChron Light TG and its IR receiver

Introduction

MyChron Light TG represents the evolution of MyChron light MCL. This new, easy to use, lap timer provides the driver (Auto Moto installations only) with a new, handy, plug and play instrument. The new **MyChron Light TG** has a new, beautiful 128 x 64 pixels graphic display and a ± 45° visual inspection. This new lap timer also has an auto power off feature after 10 minutes of inactivity.

The instrument is composed of two parts:

- MyChron Light TG display unit
- IR receiver

Your **MyChron Light TG** has

- built in clock and calendar
- built in database for laps management
- capability of up to 1200 laps storage

The gauge is powered with two 3 V round internal batteries, but You can also have (optional) an external powered version: 7-15 V external power.

MyChron Light TG standard version has a green display, but it is also possible to have an optional version with a backlight (the one with external power). This version has a blue display (see **Figure 1**).

Data is stored in the 128 Kbytes non- volatile internal memory and is downloaded to a PC through an optional USB cable. Data stored in its memory will be analyzed thanks to a new properly designed and developed software called **"Light_Analyzer"**.

Installation notes

- Your new **MyChron Light TG**, internal power, is a plug and play instrument, so there is nothing You need to connect, to bend or to cut. You only have to configure it (see configuration paragraph). If, on the contrary, You decide to buy an externally powered version, You only have to connect power cable to an external 7-15 V power source (the car/ bike battery for instance).
- We recommend You to choose a place where the instrument will not be in contact with oil or fuel. Make sure that the gauge is not installed too close to heat sources.
- To install **MyChron Light TG**, You can use four M3 anti-vibration mountings fixed in the four thread located on the back of the lap timer or a strip of Velcro. This because **MyChron light TG** suffers for vibrations.

MyChron Light TG Configuration

Figure 2: MyChron Light TG display

First of all, please **switch on** Your **MyChron Light TG** pressing the right rubber pushbutton (to **switch it off** You have to press the two right rubber pushbuttons).
When You switch on Your **MyChron Light TG**, all digit numbers are set to zero.
In order to get correct data from Your lap timer, You have to configure it.
To start configuration, please press MENU pushbutton: configuration menu is displayed.
For further information concerning all configurable functions, please refer to the following table:

Displayed text	Function
Clear test data	You can decide whether to clear test data or not.
Mode	You can set it to Lap Counter, to qualify or to race using “Down” or “Up” button.
Obscuring Time	Using DEC - / INC + (DEC for decrease, INC for increase) pushbuttons you can set obscuring time. OK to save changes, CANC to discard them.
Track	You can select a stored track name or insert new one.
Configure	Entering this function You enter a sub-menu that allows You to: set time, configure split (compared to the previous one or direct), enter driver name, set up the display (reverse background display and text, set contrast, set rolling number, enable the screensaver), see system information.

How to connect MyChron Light TG to the PC

To connect your **MyChron Light TG** to the PC, please use the USB data download cable (optional) and plug it both in the gauge’s and in the PC’s USB port, as shown in **Figure 3**.

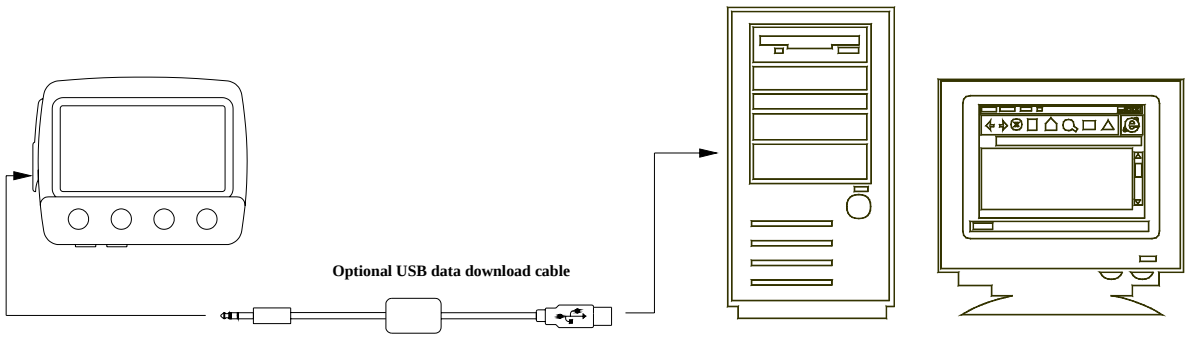
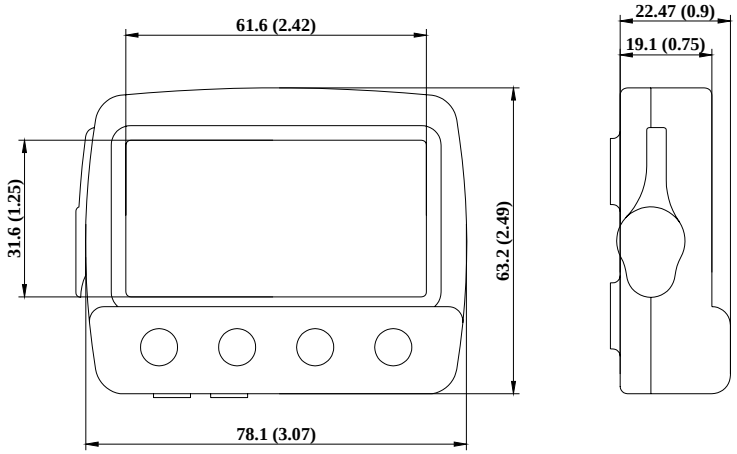


Figure 3: How to connect **MyChron Light TG** to the Pc

Dimensions



Dimensions in millimetres [inches]

Specifications

General characteristics	Value
Internal battery	2 button batteries (3 V)
External Power	7-15 V
Working time	Up to 1200 laps
Internal memory	128 kbyte
PC interface	USB port
Pc connection (optional)	USB Cable (300 kb/sec)

Other characteristics	Value
Lap Timer Dimensions	78.1 x 63.2 x 22.4 mm
Display dimensions	61.6 x 31.6 mm
Display dot pitch	0.42 x 0.42 mm
Display resolution	128 x 64 pixel
Environmental	IP 65