

# **MLR RESEARCH CENTER**

**Electronic Digital Level**

# Electronic Digital Level – User Guide

## Assembly:

Install the level on the Picatinny/Weaver rail, securing it using the hex head screw.

Fix the indicator on the front of the optic using the provided velcro strap.

*Tips: to better secure the indicator, you can wrap an insulating tape around it; to secure the cable so that it does not hinder movement, you can use small electrician's cable ties..*

## Operation:

Turn on the level by rotating the front cap until the LEDs come on.

When first turned on, the level must be reset to be aligned with the weapon system.

Position the weapon perfectly level, with the level mounted and turned on, press the side reset button. In this way the level resets to zero, a green led blik will confirm reset done. Repeat the operation every time you disassemble and reassemble the level or if you have doubts about zeroing. Although the housing is painted with a product resistant to UV rays, it is made of 3D printed nylon, it is therefore advisable to check the zero periodically and, if necessary, redo the reset procedure.

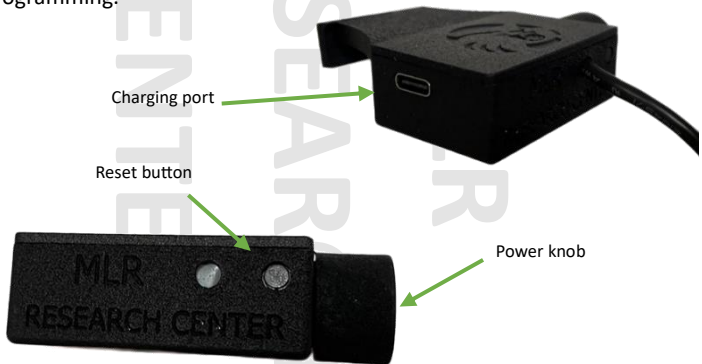
The battery is integrated into the system and non-replaceable, it is a lithium polymer battery rechargeable via the USB-C port. It guarantees operation for approximately 15 hours. Charging takes approximately 20-25 minutes with a normal smartphone charger.

## Technical data:

Lithium polymer battery, allows approximately 15 hours of operation (remember not to leave the level turned on at the end of the match!).

*Tips: turn on the level before the stage and turn it off when the stage is finished.*

The sensor detects inclinations to the right and left greater than  $0.6^\circ$  compared to the set 0. Therefore, if the inclination of the weapon is less than  $\pm 0.6^\circ$  the green LED will be lit, in the case of greater inclinations to the right or left, the LEDs corresponding to the side where the weapon is tilted will light up. If you want to reverse led lighting, just long press reset button, a led blik will confirm programming.



**Shooter, are you ready?**