R117 DIGITAL RECEIVER
INSTRUCTION MANUAL



The MM Laser Detector is a highly versatile device used for basic and advanced leveling and aligning applications. The Laser Detector features a digital readout of elevation that provides a numeric display of inches, cm or mm.

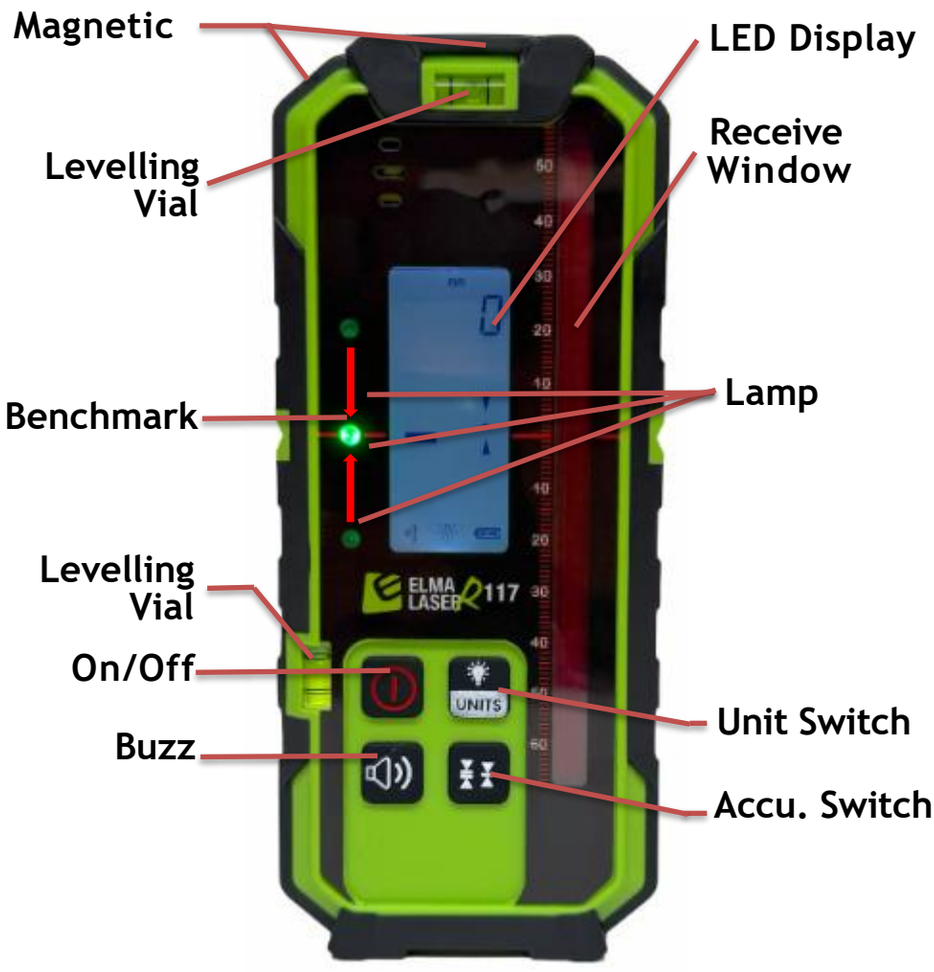
I. FEATURES:

* The detector will provide a digital readout of elevation down to the precise millimeter.
* The caputre function will remotely capture and retain a measurement when the display is difficult to see.
* Anti-strobe sensor stops construction strobe lights from setting off the detector

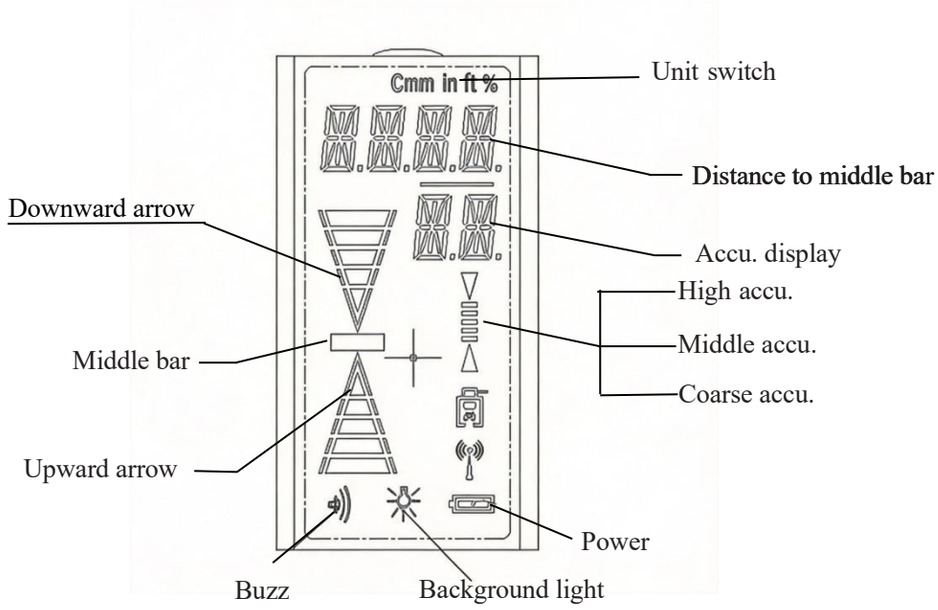
WARRANTY

The receiver comes with a 12 month warranty.

II. BUTTON FEATURES



III. LED SCREEN



IV. FUNCTION

Magnetic

Apply to metal surface,make the work much convinence.

LED display
There are LED display at the front and back sides. Display the position of laser which has been received.

Receive window
Receive the laser signal from laser units.

Lamps
When laser on the middle bar,the middle lamp turn to green
When the uper lamp turn to red,that's mean it is much laser is much higher position,downward arrow appears on the screen,it should be move downward.

When the bottom lamp turn to yellow,that means it is much lower position,upward arrow appears on the screen,it should be move upward.

ON/OFF
Press once,turn on.Press again ,turn off.

Unit /background light switch
It shows in mm when turn on,press it switch to inch or feet.
There is no background light when turn on,press it for 3 sec. switch on background light.

Accu. Switch
There are 3 mode :high accu.-middle accu.-coarse accu.It shows High accu. When turn on,it can swtich in different mode.

Buzz
There is 3 mode of buzz. High-middle-low. It shows in high buzz when switch on. It can be swtich in different mode.

V. Specification

Working distance	300M (Radius)
Accuracy	±0.5mm/±1mm/ ±2mm/±5mm/±10mm
laser receive range	±45mm
Display	Dual LCD
Power	4*AA batteries
Auto switch	Approx. 12 min
Working temperature	- 20° +55°
Dimension	170(L)×76(W)×34Hmm

CAUTION

1. Please avoid using in humid and dust enviroment for long time.
2. Please keep the clean for receving window, it is fragile.
3. Please don’t undo the housing of detector.
4. Please avoid using in high temperature,storage temperature range -20° ~ 60°.
5. Please avoid heavy shock or shake.
6. The LCD is fragile.
7. Please take out the battery for storage.
8. Please avoid use in high electromagnetic field or reflect circumstance.
9. This detector will be effected by fluorescent light,sunlight,sparking light, alternating electric wave,all this will effect the test result.