

Red & Green Beam Cross Line Laser



OPERATING THE UNIT

Pendulum Lock



Figure 1

The 1V1H Red beam laser level is a precision instrument and should be treated with care. When not in use, the pendulum should always be in the Off position (Figure 1). Locking the pendulum allows the Cross Line Laser to better withstand vibration and trauma incurred during transportation or if the unit is dropped.

Locked Line Angle



Figure 2

In the locked line angle position (figure 2), the pendulum is in the locked position and will not automatically level. When in the locked line position, both two laser lines will be on and flash slowly. The Lock/Level LED will turn red.

Automatic Leveling



Figure 3

When the pendulum is unlocked (figure 3), the pendulum is free to automatically level, In order for the Cross Line Laser to automatically level, the base of the unit needs to be within 4° of level.

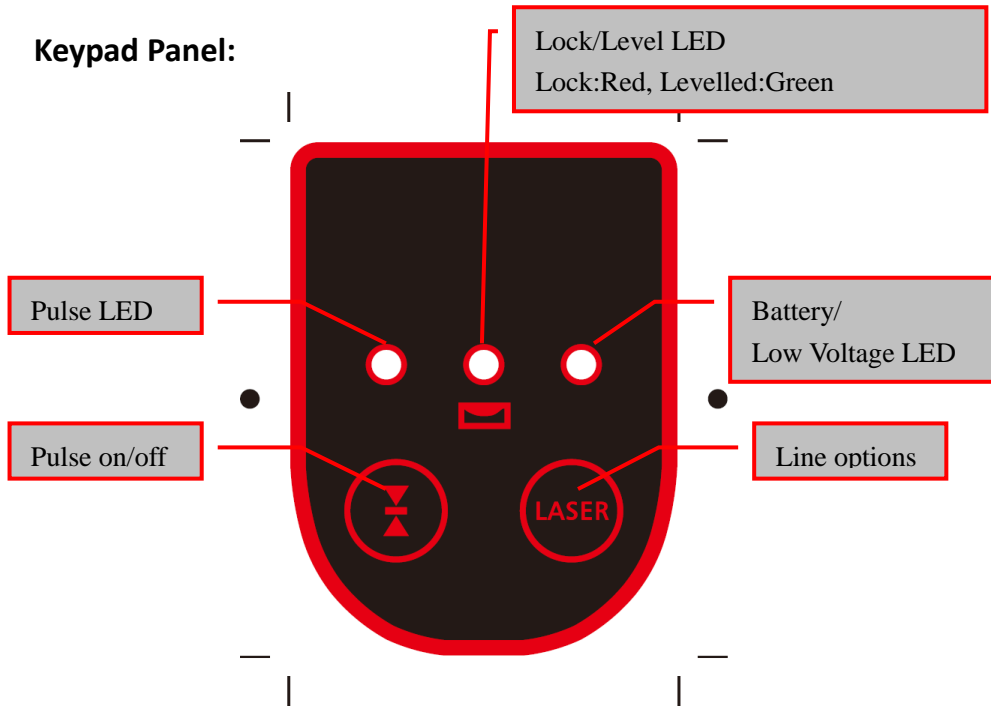
When the pendulum is unlocked and the Cross Line Laser is within 4° of level, the unit will be in automatic leveling range, in this situation the Lock/Level LED will turn green and laser lines in a continuous lighting.

Should the base of the unit be outside the 4° leveling range the laser beam will start with a quick flash. In the meanwhile the Lock/Level LED will turn red.

Low Battery Alarm:

The Red battery LED will be on when the laser is turned on. It will keep flashing slowly when the working voltage of laser is below 4.4V. At this situation the batteries are required to be replaced. Laser will shut off itself when the voltage is below 3.9V.

Keypad Panel:



What is included:

1. Instrument
2. Laser Plate
3. Alkaline batteries
4. Magnetic bracket
5. User manual
6. Rotatable base
7. Pouch(Optional)
8. Blow Mould Carry Case(Optional)
9. Mini Tripod(Optional)



SPECIFICATION:

Accuracy of horizontal line $\pm 2\text{mm}@5\text{m}$

Accuracy of vertical line $\pm 2\text{mm}@5\text{m}$

Leveling Range 4°

Working Range/With Detector 15m/60m with detector

Tripod Thread $1/4''$ & $5/8''$

Laser Type Red Beam 635 nm, laser class II

Laser Type Green Beam 515-520nm, laser class II

Operating Temperature -10°C to 50°C

Storage Temperature -20°C to 60°C

Dimension 123 x 65 x 99/cm³

Continuous Working Time Red Beam $\geq 10\text{hour}$

Continuous Working Time Green Beam $\geq 8\text{hour}$