

USER MANUAL

GREEN LASER 3X360°

ITEM NO.: 26204

MODEL NO.: MW-93T-3G



CE

CAUTION

The use of other operating or adjusting equipment or the application of other processing methods than those mentioned here can lead to dangerous radiation exposure.



If the text of the warning label is not in your national language, stick the provided warning label in your national language over it before operating for the first time.



Do not direct laser beam at persons or animals and do not stare into the direct or reflected laser beam yourself, not even from a distance. You could blind somebody, cause accidents or damage your eyes. If laser radiation strikes your eye, you must deliberately close your eyes and immediately turn your head away from the beam.

Do not make any modifications to the laser equipment.

Do not allow children to use the laser measuring tool without supervision. They could unintentionally blind other persons or themselves.

Do not use the laser viewing glasses as safety goggles.

The laser viewing glasses are used for improved visualization of the laser beam, but they do not protect against laser radiation.

Do not use the laser viewing glasses as sunglasses or in traffic. The laser viewing glasses do not afford complete UV protection and reduce color perception.

Have the measuring tool repaired only through qualified specialists using original spare parts. This ensures that the safety of the measuring tool is maintained.

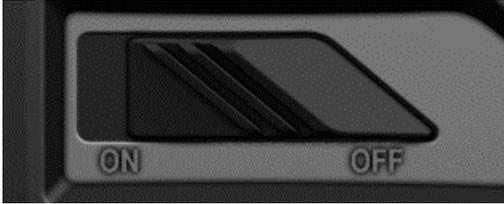
Do not operate the measuring tool in explosive environments, such as in the presence of flammable liquids, gases or dusts. Sparks can be created in the measuring tool which may ignite the dust or fumes.

The 3D Cross Line Laser is a precision instrument and should be treated with care.

RIGHT SIDE: Pendulum Lock

When not in use, the pendulum lock switch should always be in the Lock/OFF position (figure 1), To lock the pendulum lock switch allows the Cross Line Laser to better withstand vibration and trauma incurred during transportation or if the unit is dropped.

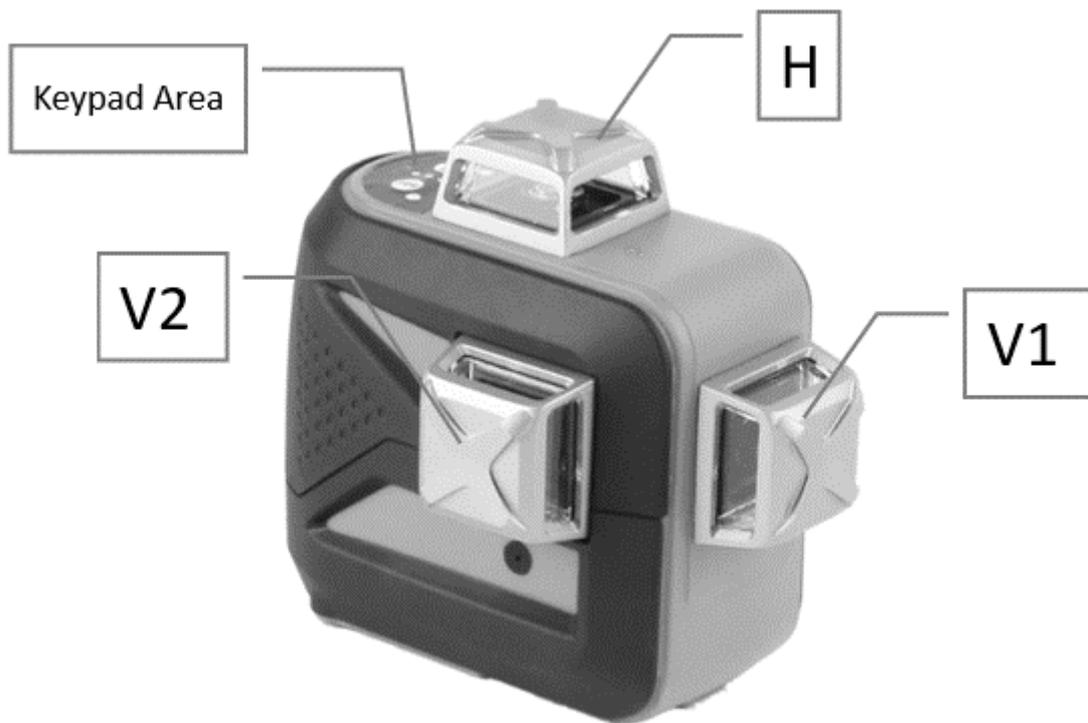
Figure 1

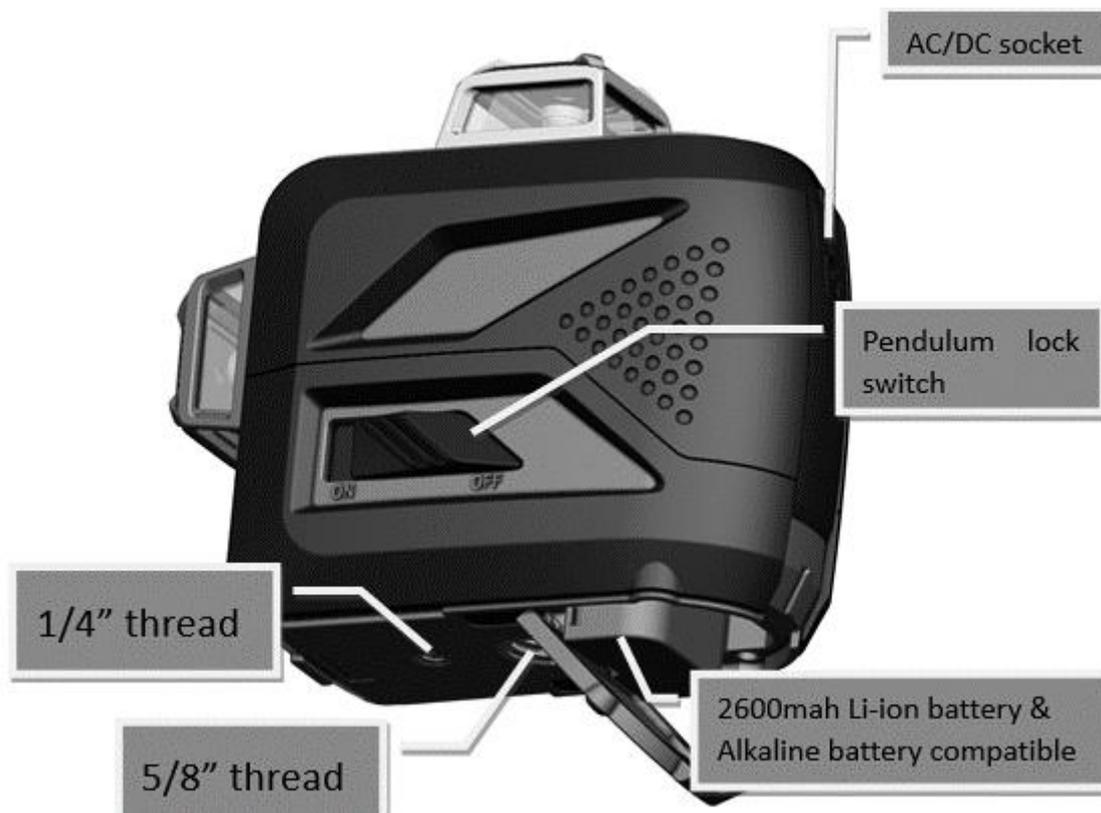


LEFT SIDE-Automatic Leveling

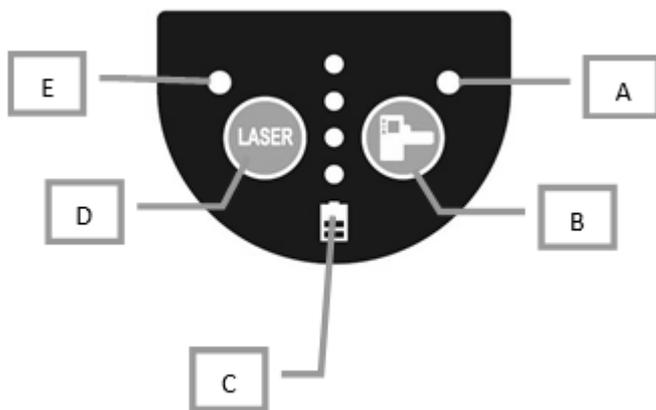
When the pendulum lock switch is unlocked/ON (figure 2), the pendulum is free to automatically level, In order for the device to automatically level, the base of the unit needs to be within 4° of level.

Figure 2





KEYPAD:



A. Pulse indicator

B. Pulse button

When pulse is on, this indicator A will turn to red, at this moment laser line can be picked up by laser receiver. Press this key B again to turn off the pulse function and the light will be off.

C. Power indicators

The indicators can display four levels of power:

- 100%(4 LED on)
- 75%(3 LED on)
- 50%(2 LED on)
- 25%(1 LED on).

When there has only 1 LED on/25%, laser need to be charged.
Laser will be off when there has no LED on.

D. Line Selection

-Line Selection: By pressing Line Selection Button at the keypad panel can make a various change/collocation of laser lines. The sequence of it is as below:

Laser will be switched on with H laser.

Press Line Selection Button for one time, V1 laser will be on.

Press Line Selection Button for two times, Both V1 & V2 lasers will be on.

Press Line Selection Button for three times, all the three laser lines including H, V1 & V2 will be on simultaneously

Press Line Selection Button for four times, it will turn back to first sequence of the laser/H lights on.

E. Lock mode indicator:

When the laser is in the mode of Pendulum Lock(Pendulum lock switch at right side).

By pressing/holding line selection button(D) for 3 seconds to activate Lock Emitting mode. At this model, lock indicator indicator(E) will be on, to indicate user the laser is in lock mode and out of accuracy.

AC/DC SOCKET:

Laser can be powered from main power directly when there has no battery inside the laser or lithium-ion battery goes flat, by using the authenticated power adaptor which is come with the kit, to provide continuous electricity to laser.

Ps: When connecting power adaptor with AC/DC socket, power from lithium-ion battery will be cut off automatically.

In the meanwhile the power adaptor can charge the Li-ion battery during the time it drive the laser.

When the laser is off and connects with power adaptor, it can charge the li-ion directly.

Diameter of AC/DC socket pin: 2.5mm.

POWER ADAPTOR & BATTERY SYSTEM:

Lithium battery can be charged when laser is off. By simply keep the battery into the battery compartment and has laser connects with power adaptor. Power adaptor will charge the laser automatically. During the charge, the power indicators(C) will be on to indicate how many power has been charged.

When there has no li-ion battery inside the laser, by connecting the laser with power adaptor, it can provide continuous electricity to laser.

Alkaline battery pack is also compatible with this new battery system.

By simply replacing the li-ion battery by battery pack comes with 4 x AA alkaline batteries. It can provide a continuous working to laser as well.

Output Voltage:12V.

Input current: 2A.

Time to full charge the battery:3-4hours.

Protective voltage:8.4V

Battery capacity: 2600mAh.

BENEFIT FEATURE:

Lock & Emitting:

When our 3D laser is in the mode of Pendulum Lock(Pendulum lock switch at right side).

By pressing/holding line selection button(D) for 3 seconds to activate Lock Emitting mode. At this model, lock indicator indicator(E) will be on.

Line will come out from laser but be aware at this mode the laser itself is out of accuracy as the pendulum is locked.

Laser at this moment can be used for some "special" applications such as stairs alignment since the pendulum is locking.

Line alarm when at Lock Emitting mode:

Laser line will flash for every 5 seconds to notice user that the laser is out of accuracy.

ALARM FUNCTIONS

Out Level Alarm:

When the Pendulum lock switch is unlocked and the device is within 4° of level, the unit will be in automatic leveling range, in this situation no LED light will be on. When the base of the unit locates outside the 4° leveling range the laser beam will flash.

SPECIFICATION:

Accuracy	±0.2mm/m
Leveling Range	±4°
Working Range/With Detector	30m(Indoor) and 50m c/w detector
Tripod Thread	1/4" & 5/8"
Laser Type	Green:515nm
Operating Temperature	-10°C to 40°C
Storage Temperature	-20°C to 60°C
Dimension	150 x 87 x 128mm
Continuous Working Time	≥8hour(All Green diodes on)
Power system	Li-ion battery 2600mah, 7.4V & 4 x AA Alkaline battery pack & Power adaptor