HIGH PRECISION LASER LEVEL

laser level product instructions

2/3/5 high precision level

3D/4D level instrument

For your personal safety, please read this instruction carefully before using the product and keep it properly for future reference.

Read all instructions prior to operating this Laser level tool

Do not remove any labels from tool.
Do not stare directly at the laser beam,Class 2 laser product (520-635 nm).
Do not set up laser tool at eye level or operate the tool near a reflective surface as the laser beam could be projected into your eye.
Do not place the laser tool in a manner that may cause someone to unintentionally look into the laser beam. Serious eye injury may be caused.
Do not operate the tool in explosive environments, i.e. in the presence of gases or flammable liquids.
Keep the laser tool out of the reach of children and other untrained persons.
Do not attempt to view the laser beam through optical tools such as telescopes as serious eye injury may result.
Always turn the laser tool off when not in use or left unattended for a period of time.
Remove the batteries when storing the tool for an extended time (more than 2 months)
Do not short any battery terminals.
Do not plug in when using Alkaline batteries.
Use the adapter that comes with the laser level ONLY.
Please fully charge the Li-ion battery regularly (at least once every one month is recommended) to maintain its long service life.
Do not dispose batteries into fire.
Do not attempt to repair or disassemble the laser tool. If unqualified persons attempt to repair this tool, warranty will be void.

BEFORE YOU START

Unpacking

1. Unpack all parts and lay them on a flat, stable surface.
2. Remove all packing materials and shipping devices if applicable.
3. Make sure the delivery contents are complete and free of any damage. If you find that parts are missing or show damage do not use the product but contact your dealer. Using an incomplete or damaged product represents a hazard to people and property.
4. Ensure that you have all the accessories and tools needed for assembly and operation. This also includes suitable personal protective equipment.

1. Example Usage

Most Professional trades ie. Floorers, Tilers, Electricians, Plumbers, Joiners etc. And DIY'ers
For: Wall & floor tiling / electrical conduit & lighting / piping installations / kitchen & bedroom unit installations / bookshelf installation/refurbishment work / stud wall & partitioning & many others

2. FEATURES

Extra bright, green laser lines
Accuracy ±1/25in@16ft/±1mm@5m (Vertical & Horizontal Beams)
1x360 degrees horizonal & 2x360 degrees vertical self-leveling green laser beams.
(Independently switcheable)
Magnetically damped pendulum; auto (self) levels
Self leveling range: ±3° (Instrument will auto level on surfaces up to 3 degrees out of true level)
Out-of-level indication (laser lines flash on/off and beeping as a warning)
Manual slope lock facility
Base mounting threads 1/4",ISO standard,multi fixing method
High capacity rechargeable Li-Ion battery pack,two batteries included
Worldwide mains charger
Continuous use battery life, approx. 3.5hrs with 3 beams
Pendulum mechanism transit latch for safe transportation
one year Warranty.

3. SPECIFICATION

Accuracy: ±1/25in@16ft/±1mm@5m (Vertical & Horizontal Beams)
Cross Line Angle Accuracy
90° ±0.025°,±1/25in/10ft
Self levelling range: ±3 degrees
(Instrument will auto level on surfaces up to 3 degrees out of true level)
Working range: Radius 33-66ft
Laser class: 2, ≤1mW each beam
Wave length: 532nm
Threaded Hole Size for Tripod:1/4"
Power supply: Li-ion battery
Operating time: 3.5 hours continuous
Dust &Waterproof: IP54
Operating temperature range: -10 to +50 deg C

4. PACKING LIST

Description	Qty
Self-Leveling 3x360° Cross Line Laser Level	**1**
Instruction Manual	**1**
Power adapter	**1**
Battery	**2**
Remote Control	**1**
Wall Bracket	**1**
Lifting table	**1**
Pivoting Base	**1**
Plastic carrying case	**1**

5. COMPONENTS

V	H	
Vertical Laser Line	**Horizontal Laser Line**	**Tilt/Manual mode**

1/4” Mounting Thread

Horizontal Lines Control

Bubble Level

Vertical Lines Control

Tilt/Manual Mode

Battery Pack

Power Switch
/Pendulum Lock

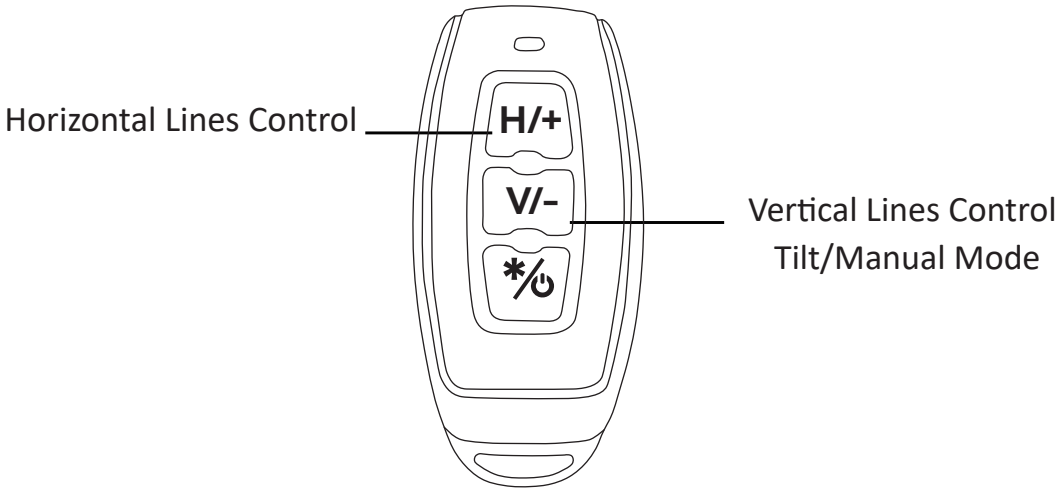
Attached on a rotating magnet mount with a wall bracket or a lift table, this laser level can project a 360 degree vertical and horizontal lines for precise and flexible alignment.

Attached on a fine tune base, turn the laser level around at 360 degree, project lines at any angle.

1/4“ Mounting Thread

360° Fine Tune Pivoting Base

Remote Control for Easy Operation



FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Attached on a rotating magnetic mount with a wall bracket or a lift table, this laser level can project a 360 degree vertical and horizontal lines for precise and flexible alignment.

Mounting Plate

Magnetic Bracket

V-Line Laser Window

V-Line Laser Window

H-Line Laser Window

Lifting Table

6. OPERATING INSTRUCTION

Batteries

Note:

1. Always check to be sure that the on/off switch is in the off position before removing and replacing batteries.

2. It means low battery when the laser beam blinking frequently, the batteries must be recharged or replaced.

Recharging the Li-ion Batteries

1. Plug the battery recharger's plug into the laser's battery recharging jack.
2. Plug the battery recharger into the wall outlet.

Note:

1. A full charge will be reached in 3 hours using charger.
2. Please charge the Li-ion battery regularly (at least once every one month is recommended) to maintain its service life.
3. Only use the charger that comes with the product.

Turning laser beam ON/OFF

1. Slide power switch to ON position , the laser will be powered on in horizontal operating mode. The laser tool will self-level automatically, If the laser tool is tilted by >3° from the horizontal plane, the pendulum will not be capable of self-leveling, the active laser beams will flash and beep continuously. adjust its position and level until the alarm turn off.

2. Press H button for horizontal laser beam line, adjust the height of horizontal laser line by mounting the laser tool vertically to the magnetic bracket or a 1/4" threaded hole tripod or place the unit on the lifting table. Press H button again to turn off horizontal laser beam.

3. Press V button for vertical laser beam line. Press V button first to turn on V line 1&2, press V button the second time to turn on V line 3&4, Press V button one more time to turn off all V lines.

4. Short press Tilt mode button, the laser line will be more brighter. Press the button for 3 seconds to turn on Manual mode, in manual mode, you can project laser line in any angle. press again for another 3 seconds to turn off Manual mode.

Slide power switch to OFF position to turn off the laser level and the pendulum will be automatically locked.

Note:

Use different accessories (the lifting table, magnetic bracket or a tripod) for different purposes.

To have brighter vertical laser lines on the ground, please place the laser level at a higher position.

7. CARE AND MAINTENANCE

NOTE: After use, Switch the product off, remove the battery pack and let it cool down. Check, clean and store the product as described below.

Clean the product with a dry cloth. Use a brush for areas that are hard to reach

IMPORTANT: To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment (other than those listed in this manual) should be performed by authorized service centers or other qualified service personnel, always using identical replacement parts.

NOTE: Do not use chemical, alkaline, abrasive or other aggressive detergents or disinfectants to clean this product as they might be harmful to its surfaces.