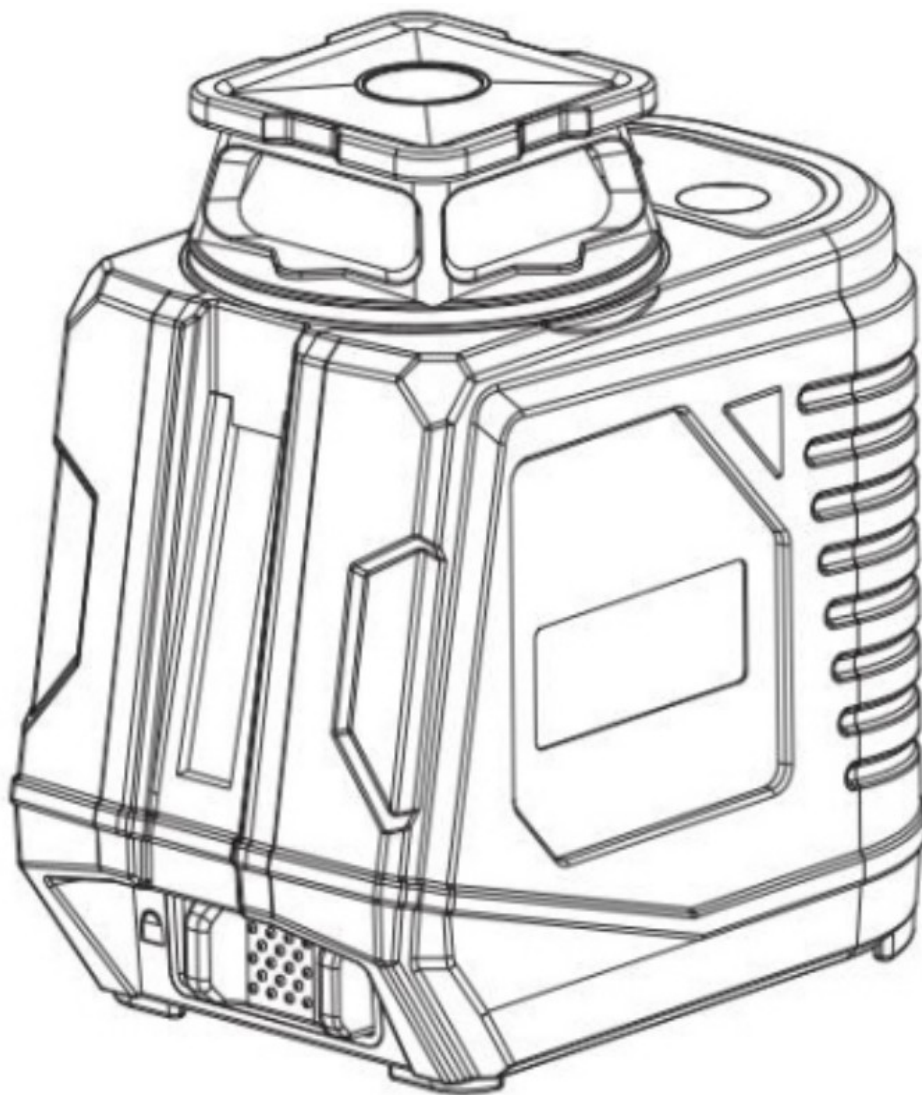




Firecore G30 Degree Cross Line Laser User Manual

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FIRECORE®
SELF-LEVELING
360-DEGREE
CROSS LINE LASER
MODEL G30



Please read these instructions before operating the product.




Questions, problems, missing parts? Before returning to your retailer, contact s us by email: support@Firecoretools.com.

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SPECIFICATIONS

COMPONENT	SPECIFICATIONS
Power supply	6V  (4 x 1.5V AA alkaline battery)
Laser	505-520nm, Class II laser, maximum laser output<1 mW
Self-leveling range	± 30
Accuracy	+1.5mm/7m
Working range (with detector)	25m (45m)
Operating time	Approx. 8 hours
Operating temperature	-10°C-+50°C
Storage temperature	-20°C-+60°C

***Important:** Under unfavorable conditions, such as in bright sunlight or when targeting poorly reflecting or very rough surfaces, the tool's measuring range and accuracy will be reduced.

SAFETY INSTRUCTIONS

Safety Instructions for Self-Leveling 360-Degree Cross Line Laser

WARNING

LASER RADIATION. Do not stare into beam. Class II laser product. Turn the laser beam on only when using this tool.

- Do not remove or deface any product labels.
- Avoid direct eye exposure. The laser beam can cause flash blindness.



- Do not operate the tool around children or allow children to operate the tool.
- Do not place the tool in a position that may cause anyone to stare at the laser beam, whether intentionally or unintentionally.



- Do not use on surfaces, such as sheet steel, that have shiny, reflective surfaces. The shiny surface could reflect the beam back at the operator.
- Always turn the laser tool off when not in use. Leaving the tool on increases the risk of someone inadvertently staring into the laser beam.
- Do not attempt to modify the performance of this laser device in any way. This may result in a dangerous exposure to laser radiation.
- Do not attempt to repair or disassemble the self-leveling 360-degree cross line laser. If unqualified persons attempt to repair this product, serious injury may occur. Any repair required on this laser product should be performed only by qualified service personnel.

- Use of other accessories that have been designed for use, with other laser tools could result in serious injury.
- Do not place or store tool under extreme temperature conditions.

UNPACKING

When unpacking the box, do not discard any packing materials until all of the contents are accounted for:

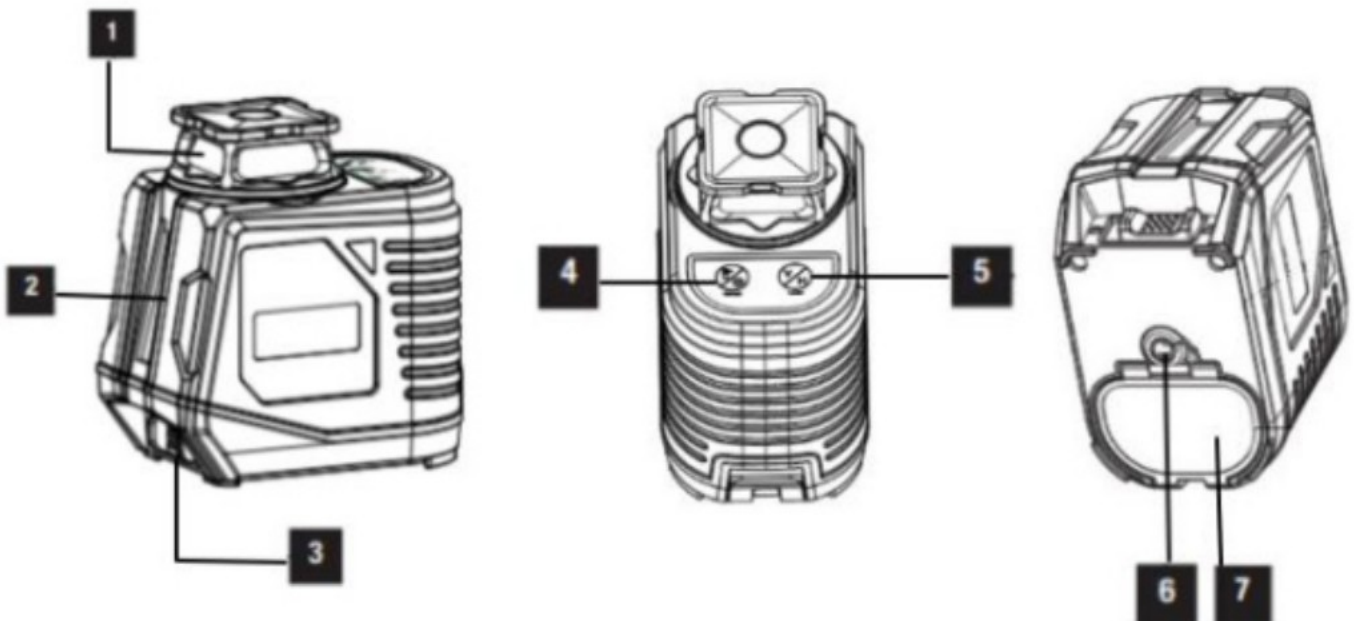
a. Open the carton to locate the following:

- Self-leveling 360-degree cross line laser
- 4XAAalkaline batteries
- Carry Pouch
- L-shape Bracket
- Operator's manual

b. Carefully lift the cross line laser out of the carton and place it on a stable, flat surface.

DESCRIPTION

KNOW YOUR SELF-LEVELING 360-DEGREE CROSS LINE LASER This self-leveling 360-degree cross line laser is highly versatile. It can be hand-held, leveled on a horizontal surface or mounted on a tripod or laser pole.



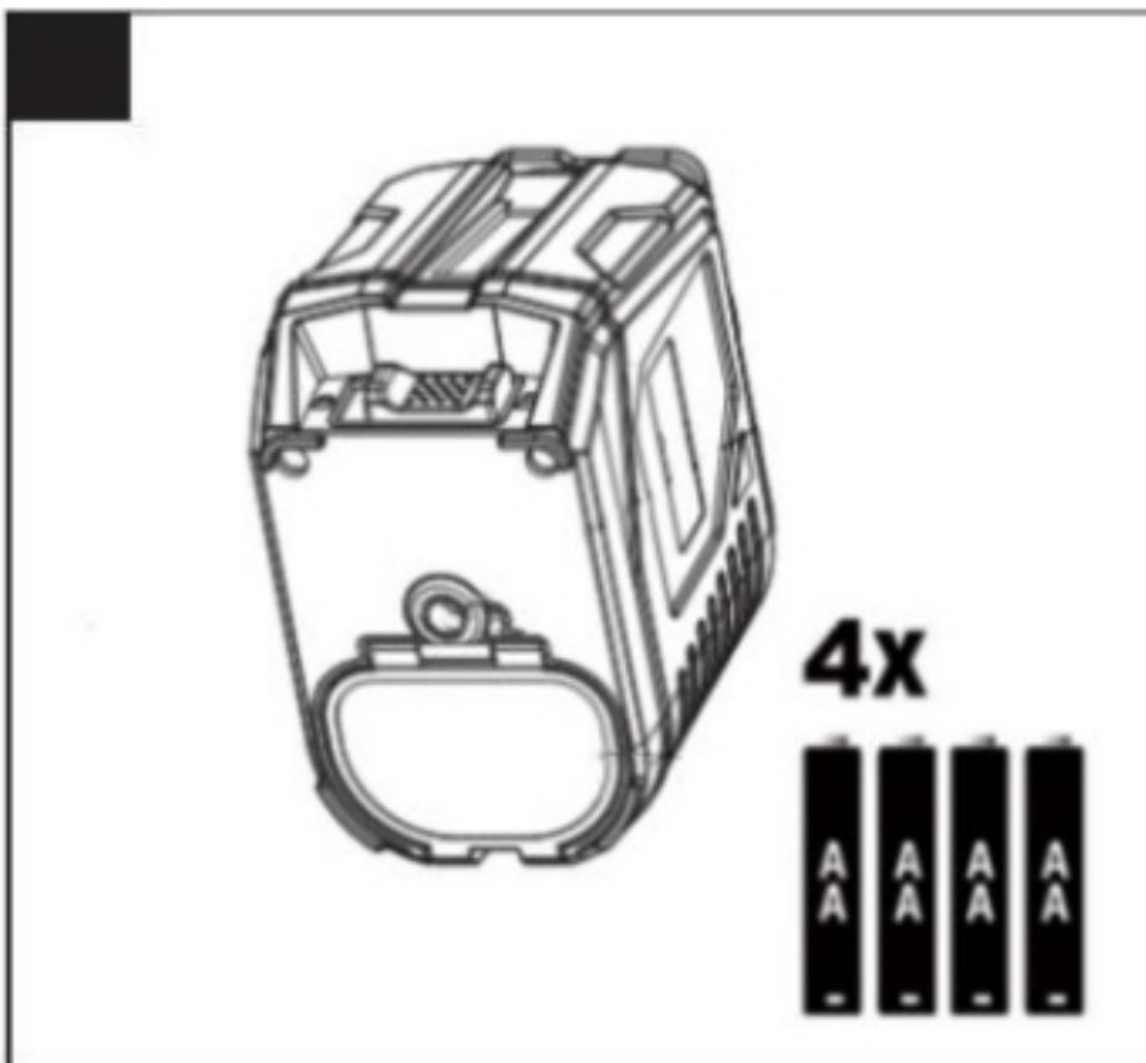
PARTS	DESCRIPTION
1	Horizontal Laser Window
2	Vertical Laser Window
3	Power/Lock
4	Receiver/Brightness Adjustment Button
5	Horizontal/Vertical Adjustment Button
6	1/4" threaded mounting hole
7	Battery compartment

OPERATION

1. TO INSTALL BATTERIES

The battery compartment holds four "AA" batteries.

- a. Push the latch to open the battery cover.
- b. Insert four new "AA" alkaline batteries, following the polarity (+/-) as indicated on the inner of the compartment.
- c. Securely close the cover.



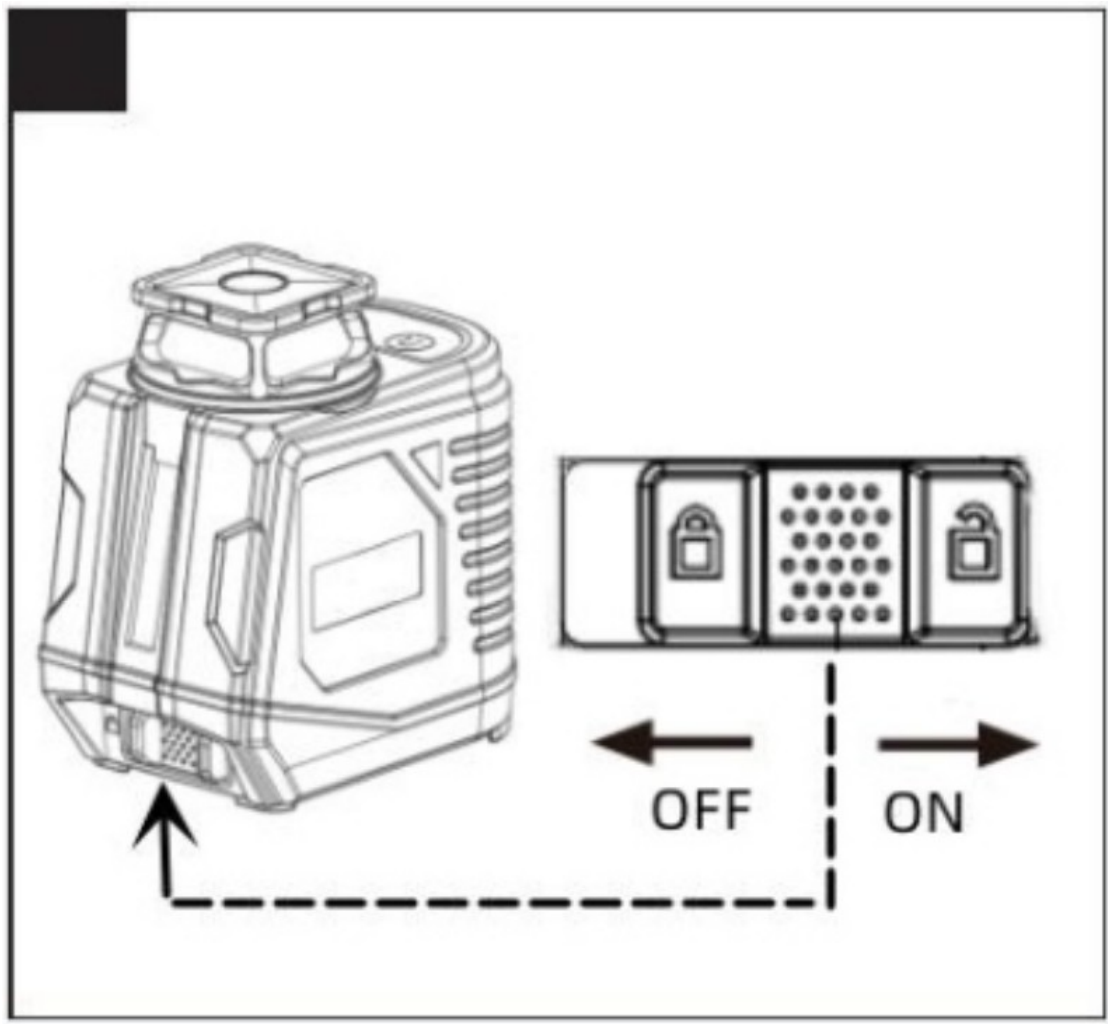
NOTE:

- Always turn off the tool before installing or replacing the batteries.

- Remove the batteries from the tool when not using it for extended periods.
- The 4 A batteries should match each other in brand and type.
- Do not mix old and new batteries.

Remove depleted batteries immediately, and dispose of them according to the laws and regulations governing your community.

2. TO TURN THE SELF-LEVELING 360-DEGREE CROSS LINE LASER ON AND OFF The power switch is located at the bottom of the front side of the tool. 2. To turn the self-leveling 360-degree cross line laser on, slide the power switch in the direction of the “ON” arrow.

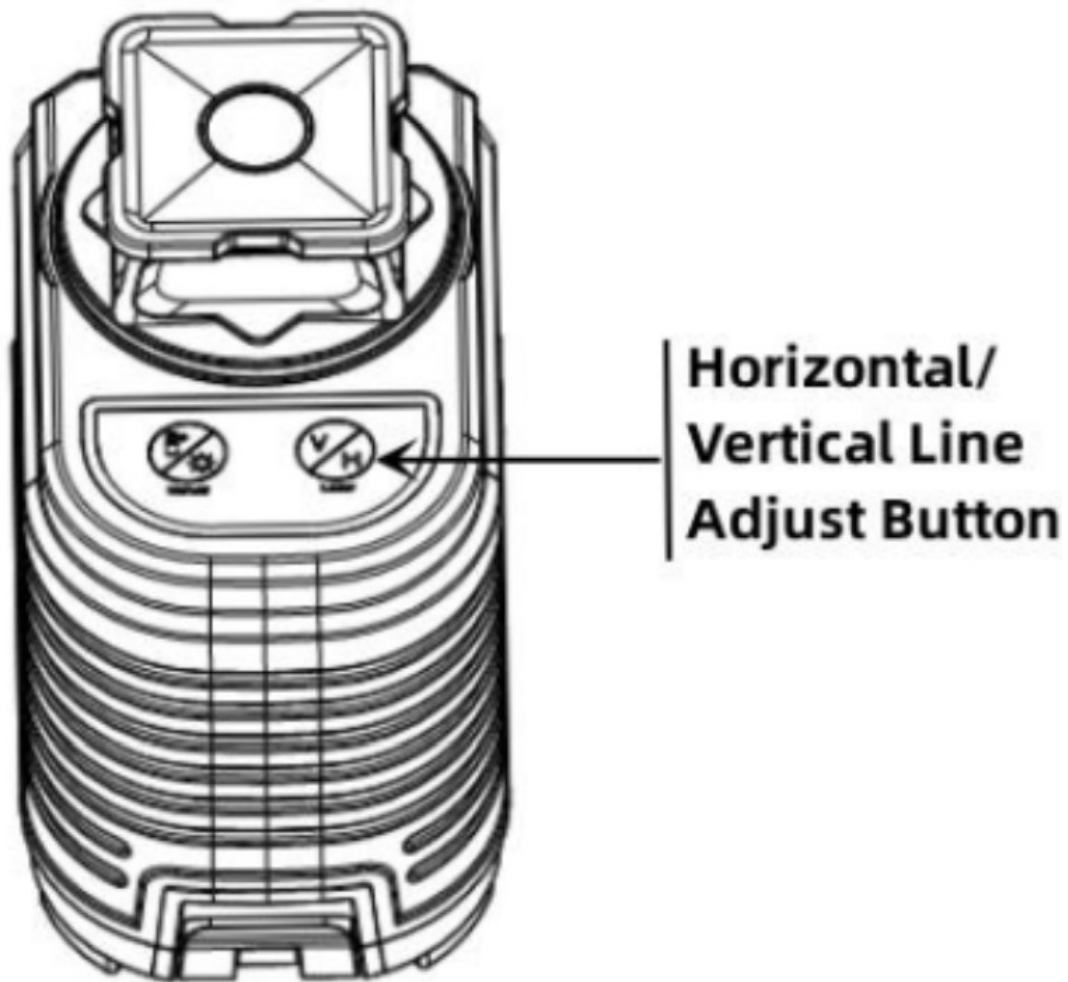


! WARNING When turning on the self-leveling 360-degree cross line laser, always be aware of protecting your eyes and the eyes of those around you. Never point the self-leveling 360-degree cross line laser at anyone's face, including your own.

b. To turn the tool off, slide the switch in the direction of the “OFF” arrow.

3. LASER LINE PROJECTION MODES

Your self-leveling 360-degree cross line laser has three laser-projection modes. To select a specific laser-projection mode, press the “Laser” button until you reach the desired projection mode. This laser tool defaults to the 360° horizontal laser line when it is turned on.



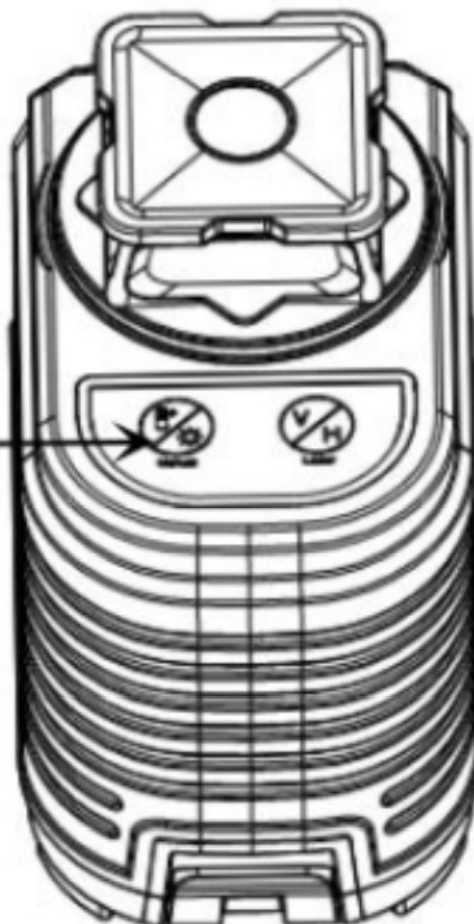
To choose a projection mode, press the “Laser” button:

- a. Slide the power switch to “ON” arrow, get the 360° horizontal laser line;
- b. Single press the “Laser” button to get the vertical laser line.
- c. Press the “Laser” button again to get the cross-line pattern (both 360° horizontal and vertical lines).

4. RECEIVER (PULSE) MODE

When working with the tool outdoors, the strong sunlight will make the laser lines hard to be identified. Switch to receiver (pulse) mode: the laser lines will now pulsate with high frequency. When received by a laser receiver (sold separately), the laser can be detected up to 45m(147ft)

**Receiver/
Brightness
Adjust Button**



To switch to receiver (puse) mode, just single press the “Manual” button; then it goes to receiver mode.

5. **SELF-LEVELING MODE**

Your self-leveling 360-degree cross line laser has two working modes: self- leveling mode and lock (manual) mode. In self-leveling mode, th toolwilllevel itselfif it s within $\pm 3^\circ$ of horizontal.

- Place the self-leveling 360-degree cross line laser on a fiat, smooth surface that is within $\pm 3^\circ$ of horizontal.
- Turn the tool on by sliding the power switch in the direction of the “ON” arrow. The self-leveling 360-degree cross line laser will automatically level within 4 seconds.
- Press the “Laser” button until the desired laser-projection mode is achieved and the laser line is projected from the laser aperture.
- If the surface on which the self-leveling 360-degree cross line laser is placed exceeds $\pm 3^\circ$ from horizontal, the laser line will blink as an alarm. In this event, just the angle of the surface slightly.
- To turn off the laser lines, slide the switch in the direction of the “OFF” arrow.

6. **LOCK(MANUAL) MODE**

This mode cannot be used to perform horizontal or vertical leveling, because the laser lines are no longer self leveling.

- Slide the power switch to the “ON” position to turn on the laser and the long press the “Manual” button for 3 seconds. The laser lines are now locked, and are no longer self-leveling.
- Press the “Laser” button repeatedly to change the laser-projection mode.
- Slope your self-leveling cross laser to project a straight line for reference. In this mode, the laser lines are projected continuously and will not blink, even if the slope angle exceeds 3° .
- To turn the laser off, slide the power switch to “OFF”until the laser shuts off.

7. **BRIGHTNESS ADJUSTMENT MODE**

Three brightness levels of visibility adjustment function enables users to select the line brightness in different light conditions.

There are three levels of brightness adjustment. After power on, the laser line is the brightest, single press the “Manual” button to switch the brightness, High- medium-low.

8. APPLICATIONS

Your self-leveling 360-degree cross line laser can be hand-held for point marking and simple alignment by sight, or it can be used to make a “chalk line” by using the lock mode. It also can be mounted on a standard 1/4” tripod to project laser lines on walls. It is ideal for the following applications:

- Hanging pictures, photos, or artwork on walls
- Wallpapering and stencil work
- Framing doors and windows
- Installing electrical wiring and pipes.
- Mounting wall fixtures, electrical outlets, switches and lighting
- Installing a drop ceiling
- Painting
- Installing closets
- Laying tile and flooring

MAINTENANCE

This self-leveling 360-degree cross line laser has been designed to be a low- ‘maintenance tool.

However, in order to maintain its performance, you must always follow these simple directions:

- a. Avoid exposing the tool to shock, continuous vibration or extreme hot or cold temperature.
- b. Always store the tool indoors.
- c. Always keep the tool free of dust and liquids. Use only a clean, soft cloth for cleaning. If necessary, slightly moisten the cloths with pure alcohol or a little water.
- d. Do not disassemble the self-leveling 360-degree cross line laser; this will expose the user to hazardous radiation exposure.
- e. Do not attempt to change any part of the laser lens.
- f. Remove the batteries from the tool and store it in a cool dry location.
- g. After you have finished using the tool, always make sure that the switch is in the off position.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
The laser line projection is weak.	Batteries are weak.	Replace with new batteries.
The laser line is hard to see.	The tool is too far from the target.	Move the tool closer to the target.
	The surrounding is too bright.	Switch to receiver(pulse) mode and find the laser line with FD20 laser receiver (sold separately).
Laser line is not projected.	No batteries installed or batteries are depleted.	Install new batteries.
	The power switch is not pushed to the "ON" position.	Slide the power switch to the "ON" position.
Laser line flickers for alert	The surface where the tool has been placed is uneven or the tool is out of its automatic self-leveling range.	Place the tool on a more level surface (within $\pm 3^\circ$).
		Set the tool to its lock mode.

WARRANTY

We are confident in the quality of our products and offer outstanding guarantee for professional users. This statement in addition to and in no way prejudices your contractual rights as a professional user to your statutory rights as a private non-professional user. We warrant our laser level(s) against faults in materials and/or workmanship for one year from the date of purchase, provided that:

- Proof of purchase is produced.
- Service/repairs have not been attempted by unauthorized persons;
- The product has been subject to fair wear and tear;
- The product has not been misused;

Defective products will be repaired or replaced, free of charge or at our discretion, if sent together with proof of purchase to our authorized distributor(s.)

This Warranty does not cover faults caused by accidental damage, unfair wear and tear, and use other than in accordance with the manufacturers' instructions. or repair or alteration of this product not authorized by us. Repair or replacement under this Warranty does not affect the expiry date of the Warranty.

- Customer is responsible for the correct use and care of the tool. Moreover customer is completely responsible for periodically checking the accuracy of the laser, and therefore for the calibration of the tool. You can enjoy 12 months limited warranty but up to 24 months longer warranty if you sign up as a member through the product registration. Please scan the QR code above to activate your priority.

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G30 Degree Cross Line Laser, G30, Degree Cross Line Laser, Cross Line Laser, Line Laser, Laser

- [User Manual](#)

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