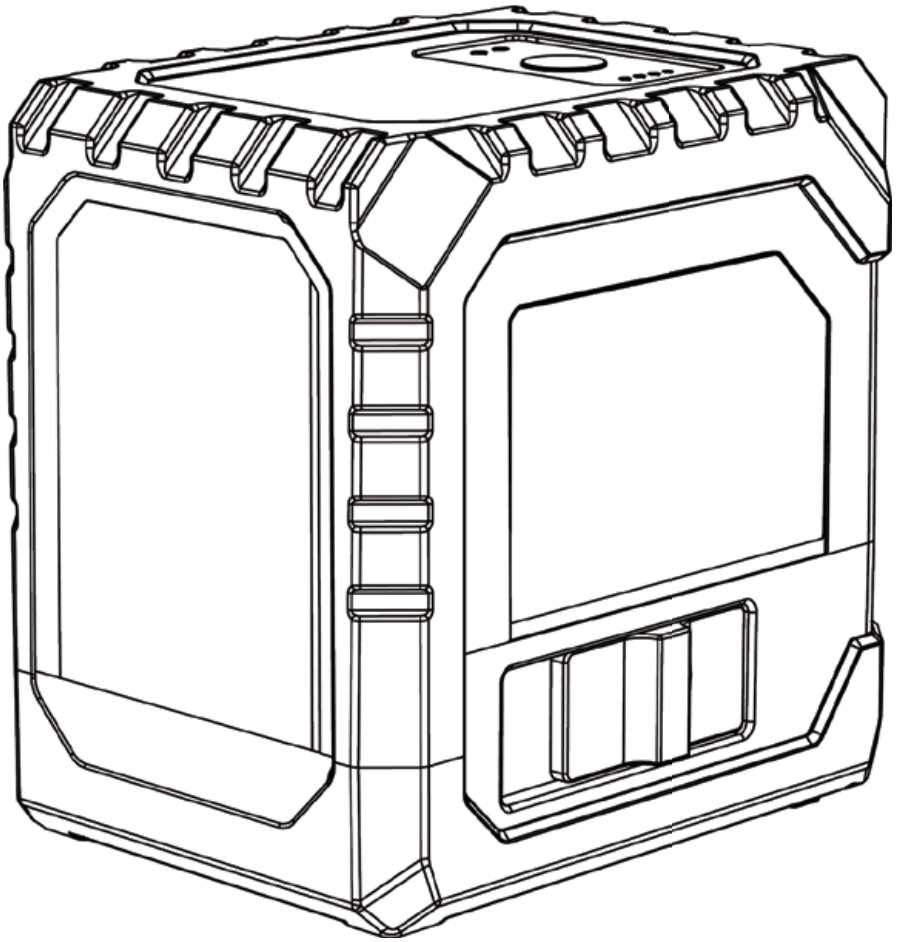
CIGMAN

Laser Cross Level

User manual

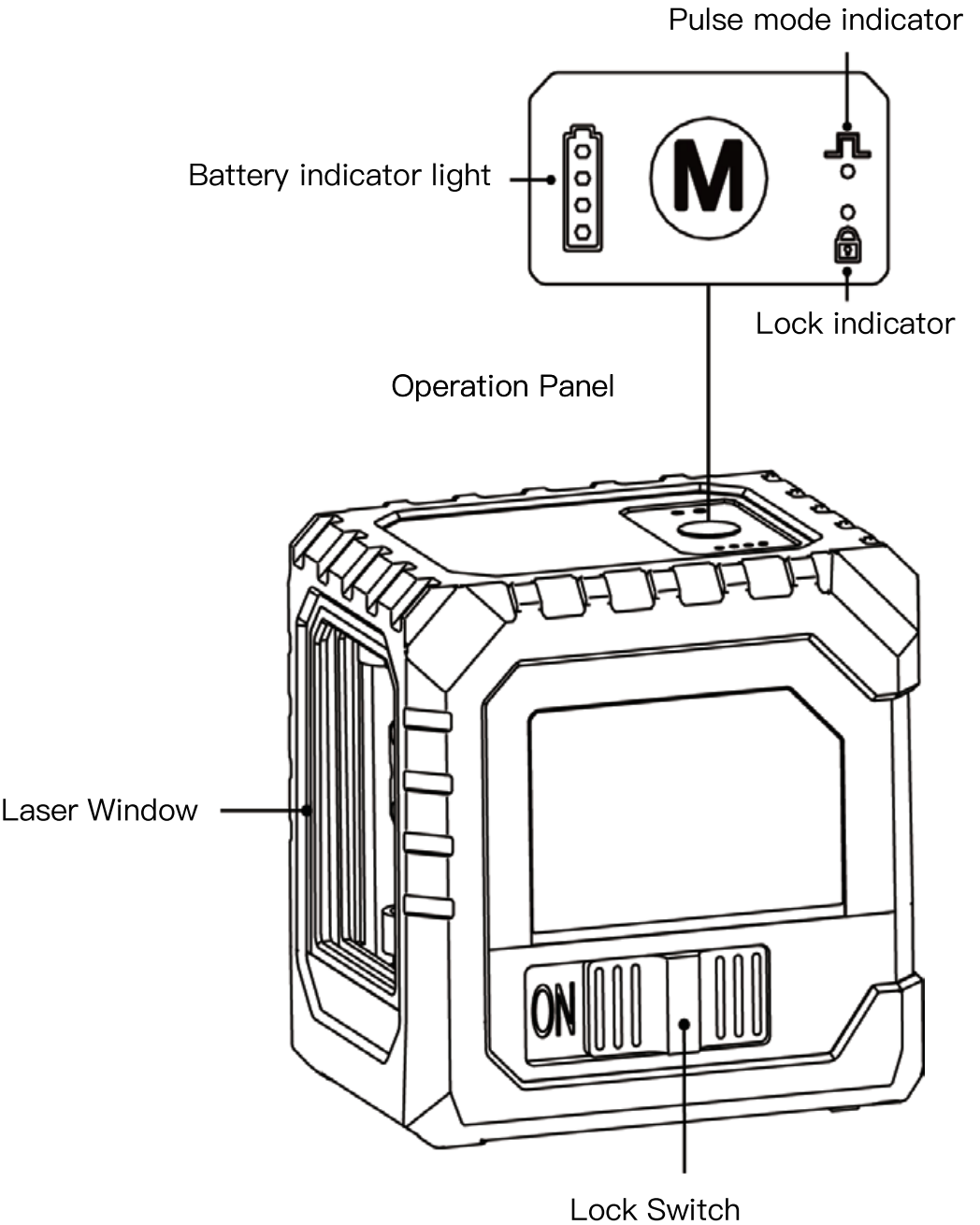
CM-G02/G02A



MADE IN CHINA

Contact us: support@cigman.com

Product Display



Safety Regulations

⚠ Before using the instrument for the first time, please read the safety clauses and operating instructions carefully.

⚠ The laser level of this product is class II.

⚠ Direct projection of laser into the eyes can cause eye damage, do not look directly at the laser, do not point the laser at people or animals.

⚠ Do not operate the laser level around children, children are not allowed to use this laser level.

⚠ Please do not use a magnifying glass or telescope to observe the laser.

⚠ Laser identification goggles cannot be used as protective goggles. After wearing laser identification goggles, it can help you identify the laser, but it do not protect you from laser radiation damage.

⚠ It is not allowed to use laser identification glasses as sunglasses or wear it on the street.

⚠ Do not operate the instrument in an explosive environment, such as flammable liquid, gas, or dust.

⚠ Do not allow the instrument to approach the pacemaker.

⚠ Instruments must be kept away from magnetic data carriers and machines susceptible to magnetic field interference.

Product Features

Model	CM–G02	CM–G02A
Module Type	Single module	Dual module
Laser Wavelength	510–530nm	
Laser Class	Class II	
Laser Accuracy	±0.3mm/m	
Self–Leveling Range	3° ± 1°	
Operating Range	Dark environment: 30M Bright environment: 7M	
Working Temperature	–10℃ to 40℃	
Continuous Working Time	5H	
Dust Proof Grade	IP54	
Fixed Thread	1/4”	
Power Supply	2xAA battery or lithium battery	
Size	7.1x5.4x7.1 cm	
Weight	300g	

Operating instructions

Self leveling mode: Push the lock switch to the ”ON” position to enter the self leveling mode. The battery indicator lights up, and the laser level projects horizontal and vertical laser lines. If the device is placed on a surface with an inclination of more than 3 °, it will flash rapidly. To correct it, move the device to a flat surface or adjust the surface accordingly. **Note:** there is a different laser project way between the single module and dual module levels below self–leveling mode:

Single module (CM–G02): Short press the Ⓜ key, the horizontal and vertical laser lines turn off. Short press the Ⓜ key again, the horizontal and vertical laser line turn on.

Dual module (CM–G02A): Short press the Ⓜ key once, only the horizontal laser line turns on. Short press the Ⓜ key twice, only the vertical laser line turns on. Short press the Ⓜ key third time, the horizontal and vertical laser lines both turn off.

Pulse mode: Under self-leveling mode, press and hold the Ⓜ key for over 2 seconds to enter the pulse mode. The pulse mode indicator ⎍ lights up, and the laser line turns dimmer. At this time, you can use a CIGMAN laser receiver to detect the laser line. Press and hold the Ⓜ key for over 2 seconds again can exit the pulse mode.

Manual mode: Push the lock switch to the "OFF" position, Press and hold the Ⓜ key over 2 seconds to enter the manual mode. The lock indicator 🔒 lights up. The horizontal and vertical laser lines both turn on and flash every 5 seconds to remind you that the device is not in self-leveling mode. At this time, push the lock switch to the "ON" position can exit manual mode and switch to self-leveling mode. It is unable to enter pulse mode when the device is in manual mode.

Kind Note: There is no battery indicator light when using AA batteries.

Repairs and maintenance

- Please store it in a dry place.
- Before moving the instrument, please ensure that the safety lock is closed.
- If the laser wall detector gets wet, please dry it before storage.
- Please do not use a fire or an electric dryer to dry the instrument.
- Please prevent the instrument from falling, do not repair it without permission, and avoid continuous vibration of the instrument.
- Please regularly calibrate the instrument.
- Please do not use strong detergents or chemicals to clean the instrument. You can use water or water with a small amount of soap to clean the instrument.
- Please wipe the glass window with a soft cloth to keep it clean.
- When not using the instrument for a long time, please remove the battery.
- Please ensure that the instrument is locked and turned off before removing the battery.
- Please ensure that the repair is within the scope specified in the manual.
- Please do not repair the instrument without permission. Any damage to the instrument caused by improper operation, unauthorized modification, or unauthorized repair is not covered by the warranty.

Three Years Warranty

Contact us: support@cigman.com



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