

Technical Support and E-Warranty Certificate www.vevor.com/support

# **CROSS LINE LASER**

### MODEL:CM03/04

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and doses not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.



**CROSS LINE LASER** 

#### MODEL:CM03/04



# **NEED HELP? CONTACT US!**

Have product questions? Need technical support? Please feel free to contact us:

## CustomerService@vevor.com

This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

3	Warning-To reduce the risk of injury, users must read instructions manual carefully.
$\bigcirc$	Warning- Be sure to wear eye protectors when using this product.
	This symbol, placed before a safety comment, indicates a kind of
	precaution, warning, or danger. Ignoring this warning may lead to an
	accident. To reduce the risk of injury, fire, or electrocution
	, please follow the recommendation below.
F©	FCC statement:
	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.

# Contents

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- Product Overview
- Operation Modes & LED Indications
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# Safety

## WARNING:

• Read the Safety Instructions and User Manual thoroughly before using this product. All users must fully understand and adhere to these instructions. **CAUTION:** 

• While the product operates, avoid exposing your eyes to the emitting laser beam. Exposure to a laser beam for an extended time may be hazardous to your eyes. **CAUTION:** 

• Glasses may be supplied in some of the laser tool kits. However, these are NOT certified safety glasses. These glasses are ONLY used to enhance the beam's visibility in brighter environments or at greater distances from a laser source.

#### WARNING:

• The following label/print samples are placed on the product to inform of the laser class for your convenience and safety.



• Do not stare directly into the beam or view with optical instruments, or set up the laser at eye level.

• Do not disassemble the laser tool. There are no user-serviceable parts inside.

• Do not modify the laser in any way. Modifying the tool may result in hazardous Laser Radiation Exposure.

• Do not operate the laser around children or allow children to operate the laser. Serious eye injury may result.

An exposure to the beam of a Class 2 laser is considered safe for a maximum of 0.25 seconds. Eyelid reflexes will normally provide adequate protection.

#### Function

CM03 can emit three 360° laser lines, one horizontal and two vertical.

CM04 can emit four 360  $^\circ$   $\,$  laser lines, two horizontal and two vertical.



**CM03** 



#### Self-leveling Mode

Slide the lock switch to the unlocked position and horizontal lines turned on. A short press H can turn ON/OFF the horizontal laser line, and a quick press V can turn ON/OFF the vertical laser line. (The horizontal and vertical laser lines can work singly and simultaneously.)

When the laser level is in Self-leveling mode, it can work within 3°±1°. If the laser level is out of working range, the unit will flash rapidly and laser tool will beep to alarm.

#### Pulse Mode

A short press "M" on the keypad to activate the Pulse Mode. The beams will turn dim and it can work with the laser receiver in this mode.

#### Manual Mode

Long press "M" to turn on/off manual mode. The laser level doesn't flash or beep if it's out of the leveling range. In this mode, the customer can have the tilt line.

#### **Brightness Adjustment Mode**

Hold the "H" button and all the beams turn dimmer until the lines can't be seen. Hold the "V" button and all the beams turn more bright until brightest. This operation can work both in the self-leveling mode and the manual mode.

#### User Guide, Maintenance and Care

- The laser tool is sealed and calibrated at the plant for specified accuracy.
- It's recommended to carry out an accuracy check before its first use and periodic checks during future use especially for precise layouts.
- When not in use please power OFF the tool and place the pendulum lock in its locked position.
- In Manual Mode, self leveling is OFF. The accuracy of the beam is not ensured to be level.
- Do not short any battery terminals, charge alkaline batteries, or dispose of batteries in a fire.
- Do not mix old and new batteries. Instead, replace all of them simultaneously with new batteries of the same brand and type.
- Keep batteries out of reach of children.
- Remove batteries if the tool will not be used for several months.
- Do not store the laser tool in direct sunlight or expose it to high temperatures.

The housing and some internal parts are made of plastics and may deform at high temperatures.

• Exterior plastic parts may be cleaned with a damp cloth. Although these parts are solvent resistant, NEVER use solvents. Use a soft, dry cloth to remove moisture from the tool before storage.

- Store the tool in its case when not in use. If storing for an extended time, remove batteries before storage to prevent possible damage.
- Do not dispose of this product with household waste.
- Always dispose of batteries per local code.
- Please recycle in line with local provisions for the collection and disposal of electrical and electronic waste under the WEEE Directive.

# **Specifications**

Laser Wavelength	520±10nm
Laser Class	Class 2
Line Accuracy	±3mm/10m
Working Range	30m
Working Range (With Laser Detector)	50m
Leveling Range	3°±1°
Leveling Time	3s
Li-Ion Battery	3.7V 5200mAh
Charger Output	5V1A
Working Time	8h(3CM) / 6h(4CM)
Working Temperature	-10℃~40℃
Storage Temperature	<b>-20℃~60℃</b>

#### NOTE:

• The customer is responsible for the correct use and care of the tool.

Moreover, the customer is completely responsible for periodically checking the accuracy of the laser, and therefore for the calibration of the tool.

## Made In China



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