



APEXFORGE X1C Cross Line Laser Level User Manual

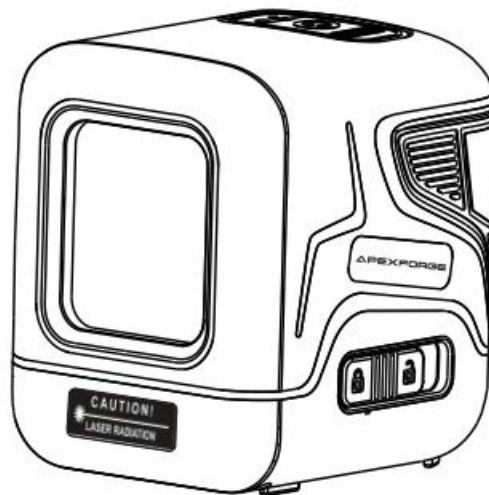
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APEXFORGE X1C Cross Line Laser
Level User Manual



USER MANUAL

Laser Level



X1C

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General Safety Notes

All instructions must be read and observed to work safely with the measuring tool. The integrated protections in the measuring tool may be compromised if the measuring tool is not used in accordance on the measuring tool unrecognizable. STORE THESE INSTRUCTIONS IN A SAFE PLACE AND INCLUDE THEM WITH THE MEASURING TOOL WHEN GIVING IT TO A THIRD PARTY.

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.

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



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.



Keep the measuring tool away from cardiac pacemakers. The magnets 20 generate a field that can impair the function of cardiac pace-makers.

Keep the measuring tool away from magnetic data medium and magnetically-sensitive equipment.

The effect of the magnets 20 can lead to irreversible data loss.

Product Description and Specifications

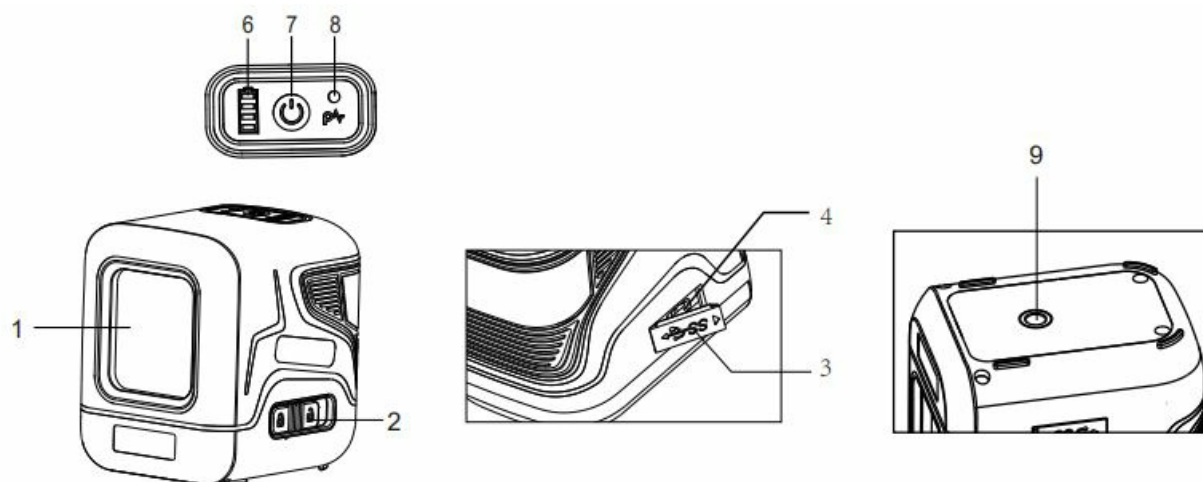
Intended Use

The measuring tool is intended for determining and checking horizontal and vertical lines.

The measuring tool is suitable exclusively for operation in enclosed working sites.

Model	X1C
Laser Class	Class 2 (IEC/EN60825-1/2014)
Laser Wavelength	520 ± 5nm
Leveling Accuracy	±3mm/10m
Horizontal Vertical Accuracy	±3mm/10m
Leveling/Compensation Range	±4 °
Working Distance (Line)	30m(@100lux)
Working Distance (Line with Detector)	40m(@100lux)
Power Source	Li-ion Battery
IP Rating	IP54
Operation Temperature Range	-10°C - +50°C
Storage Temperature Range	-20°C - +70°C

Product Overview



1. Laser Windows
2. Pendulum Switch
3. TYPE C Port Cap
4. Charge Port
5. USB Cable
6. Battery Capacity Indicator
7. Power button
8. Pulse Indicator
9. 1/4"-20 joint nut

User Guide, Maintenance and Care

- 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
- The laser tool is sealed and calibrated at the plant to the accuracy specified

- It's recommended to carry out an accuracy check before its first use and periodic checks during future use especially for precise layouts
- 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 become deformed 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 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.

Li-ion Battery Safety

Please read thoroughly and comply with the Li-ion Battery safety instructions and precautions before charging. Failure to read and follow may result in personal injury, fire, and property damages if the battery is charged and/or used improperly

Battery Use Guide:

- Please use the charger or adapter provided by the manufacturer
- The first charging time is recommended to be more than 8 hours. Each charge time is not less than 6 hours, but not more than 24 hours
- Please charge in 24 hours when the low battery indicator flashes or the laser tool turns off due to low power.
- The best charging temperature: 0°C to 20°C (32 °F -68 °F)
- If the device is not used for a long period of time, please fully charge the battery.
Please store the product in a dry and room temperature environment.
- If the lithium battery is not used for extended time, please charge the lithium battery once every 6 months, each charging time is not less than 6 hours.

Attention:

- DO NOT SHORT CIRCUIT. Short circuits may cause fire, and injury!
- Do not charge unattended.
- Do not disassemble , or modify the battery.
- Keep the battery away from children, and pets
- Immediately discontinue use of the battery if the battery abnormal / deformed (emits an unusual smell, feels hot, changes color or shape, or appears abnormal in any other way). Please contact the manufacturer to replace it
- Never charge or store the batteries inside your car. Extreme temperatures (low or high) might ignite the battery, and cause a fire.
- Do not place the battery in high-pressure containers, microwave ovens, or on induction cookware.
- Do not carry, or store the batteries together with hairpins, necklaces, or other metal objects
- On (battery electrolytes) exposure to skin, flush with water immediately If eye exposure occurs, flush with water for 15 minutes, and seek emergency care immediately

Operation Modes

at initial state, the Pendulum switch(2) on Locked position.

1. Short press the Power button(7) for 0.5s to turn on, the laser line lights up, and short press again to switch between pulse and normal mode, long press for 2s to shut down the laser line.
2. Push Pendulum switch(2) to Unlock position, then the laser line lights up, and if short press power button(7) to switch between pulse and normal mode, push Pendulum switch(2) back to locked position then laser line is off

LED Power Indications:

Self-leveling Mode

- is enabled when the pendulum switch(2) is switched to the unlocked position.
- The laser beam(s) blink fast when tool is out of self-leveling range($\pm 4^\circ$).

Manual Mode

- is enabled when the pendulum switch(2) is switched to the locked position.
- is enabled to position the laser tool at various angles to project non-level straight lines or points.
- The laser beam(s) will blink about every 3-5 seconds to notify the user.

Notice: The laser beam(s) projected in manual mode cannot be used as a horizontal or vertical reference in nature

Pulse Mode

- Under pulse mode, Laser tool can work with a laser detector for working in a brighter environment or a larger working distance
- Long press the power button to turn on the Pulse Mode.
- Long press the power button again to return back Normal Mode. Notice: The laser beam is dimmer in pulse mode.

Note:


Due to product improvement appearance and specifications may differ Working distance varies depending on the operating environment.


Charging

The machine is equipped with 3.7V lithium battery, which is built-in and non-removable.

if battery is low or no power after starting up. you can charge machine directly.

Please use the adapter with DC 5V and 1A/2A to charge it, the charging port is the Type C port.

The battery icon  will be displayed in scrollable way during charging process.

The battery icon  will be displayed after the battery is full charged.

Disposal

Measuring tools, accessories and packaging should be sorted for environmental-friendly recycling.

Do not dispose of measuring tools and batteries/rechargeable batteries into household waste! Only for EC countries:



According to the European Guideline 2012/19/EU, measuring tools that are no longer usable, and according to the European Guideline 2006/66/EC, defective or used battery packs/batteries, must be collected separately and disposed of in an environ-mentally correct manner.

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.

WARRANTY

Your Warranty Includes 30 Days Refund Guaranty

With in first 30days of your purchase, you are allowed to return your product for a full refund.

30 Days to 3 Months

We will replace the defective unit due to manufacture fault with a new one.

3 Months to 24 Months

Within 24 months, we will provide timely and effective online after-sales service after your purchase.

How to Return Your APEXFORGE Products

- Contact support@apex-forge.com with your order number.
 - We will issue you RMA# and return address for your return.
 - Please fill out RMA info, tear off this page and leave it inside your return package.
- We will issue replace/return after receiving your return.

Return Products Details

To get your returns processed as quickly as possible, please fill this form and include it in your return package.

Purchase Name	
Order Number	
Date of Purchase	
Your Email Address	
Where did you buy it	

– If your product is purchased from Amazon Fulfilled channel, please contact Amazon for return within 30 days of purchase.

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MADE IN CHINA



Documents / Resources

	<p>APEXFORGE X1C Cross Line Laser Level [pdf] User Manual</p> <p>X1C Cross Line Laser Level, X1C, Cross Line Laser Level, Line Laser Level, Laser Level, Level</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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