

## APEXFORGE X1C

# APEXFORGE X1C Cross Line Laser Level User Manual

Model: X1C | Brand: APEXFORGE

## INTRODUCTION

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Thank you for choosing the APEXFORGE X1C Cross Line Laser Level. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use and keep it for future reference.

## PACKAGE CONTENTS

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Upon unpacking, please verify that all items listed below are present and in good condition:

- 1 x Green Cross Line Laser Level
- 1 x Type-C Charging Cable
- 1 x 2.2Ah Rechargeable Battery
- 1 x Target Plate
- 1 x Portable Bag
- 1 x 360° Magnetic Bracket
- 1 x User Manual



Image: The APEXFORGE X1C Laser Level with its complete set of accessories, including the charging cable, battery, target plate, portable bag, and magnetic bracket.

## SETUP

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### Charging the Battery

The APEXFORGE X1C features a large-capacity 2200 mAh rechargeable battery. Before first use, or when the battery indicator shows low power, charge the device using the provided Type-C cable.

- Connect the Type-C cable to the charging port on the laser level.
- Connect the other end of the cable to a compatible USB power source (e.g., wall adapter, power bank).
- The battery indicator lights on the device will show the charging status.
- The device can be used while charging.

# LARGE-CAPACITY RECHARGEABLE BATTERY

provides up to 12 hours  
working time

## USB-C Charging

### Multi-Powered & Charged Method

Power the tool with direct input or power bank.  
Upgraded chip allows you to use it while charging it.

Image: Close-up view of the APEXFORGE X1C Laser Level highlighting the Type-C charging port.

## Mounting the Device

The X1C comes with a 360° magnetic bracket for versatile mounting options.

- Attach the laser level to the magnetic bracket using the 1/4" mounting screw on the bottom of the device.
- The strong magnets on the bracket allow it to be securely attached to metal surfaces.
- Alternatively, the bracket can be hung on a nail or screw for non-magnetic surfaces.

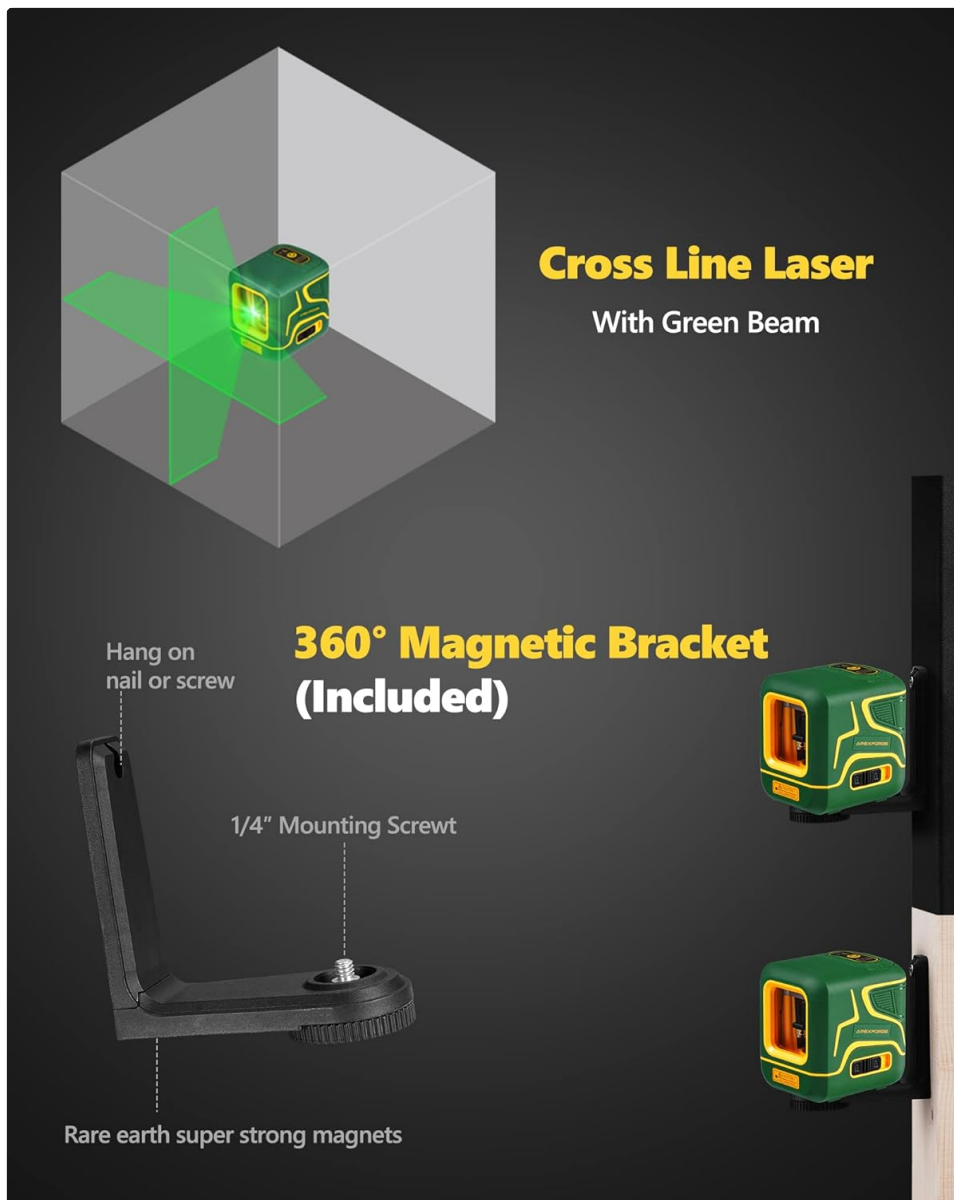


Image: The APEXFORGE X1C Laser Level attached to its magnetic pivoting bracket, demonstrating its mounting versatility.

## OPERATING MODES

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The APEXFORGE X1C offers two primary operating modes to suit different leveling needs:

### 1. Self-Leveling Mode

This mode is ideal for quick and accurate leveling on surfaces that are slightly uneven.

- To activate, slide the pendulum lock switch to the unlocked position.
- The laser will self-level within an inclination of 4°.
- If the surface inclines beyond 4°, the laser beams will flash rapidly to indicate that it is out of the self-leveling range. Adjust the device's position until the beams stop flashing.



Image: Illustration showing the laser level in both self-leveling mode (pendulum unlocked) and manual mode (pendulum locked), projecting lines on a staircase.

## 2. Manual Mode

Use manual mode when you need to project lines at any angle, such as for stair railing installation or decorative patterns.

- To activate, slide the pendulum lock switch to the locked position.
- The laser beams will be locked, allowing you to tilt the device to any desired angle.
- In manual mode, the laser beams will blink every 4-6 seconds to remind the user that it is not self-leveling.

## Pulse Mode

Pulse mode extends the working range of the laser level, especially useful for outdoor or bright environments when paired with a laser receiver (not included).

- To enable or disable pulse mode, long-press the power button on the top of the device.
- When pulse mode is active, the indicator light will be on.
- In pulse mode, the working range can extend up to 147 feet (45 meters).



# PULSE MODE

**Extends working range  
Up to 197"/60m**

**With laser receiver (not included in package)  
Even in outdoor or bright environment**



Image: Diagram illustrating the extended working range of the laser level when in pulse mode and used with an optional laser receiver.

## Brightness Adjustment and Battery Indicator

The power button also allows for brightness adjustment and displays the battery level.

- Short press the power button to cycle through different brightness levels of the laser beam.
- The battery level is indicated by the illuminated bars next to the battery icon on the control panel.



Image: Detailed view of the control panel, showing the power level indicator, pulse mode indicator, operation button, Type-C charging port, and pendulum lock/unlock switch.

## KEY FEATURES

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### High Accuracy & Green Beam Visibility

The X1C utilizes green laser beams, which are significantly brighter and more visible than traditional red beams, especially in well-lit conditions.

- The working range is up to 100 feet (30 meters) indoors.
- High accuracy of +/- 1/9 inch at 33 feet (10 meters).
- Green beams are less susceptible to interference and offer superior clarity.

Higher Visibility and Accuracy

## GREEN BEAM

Less Susceptible to Interference than **Red Beam**  
520nm Wavelength, Brighter than 635nm with Same Power Consumption

Red   
635nm   
520nm 



Image: Visual comparison demonstrating the higher visibility of a green laser beam (520nm) compared to a red laser beam (635nm).

### Durable & Compact Design (IP54)

Designed for rugged use, the X1C is built to withstand challenging job site conditions.

- Palm-sized and lightweight for easy portability.
- Covered by TPR soft rubber for enhanced grip and protection.
- IP54 rated: Provides protection against dust ingress and splashing water from any direction.



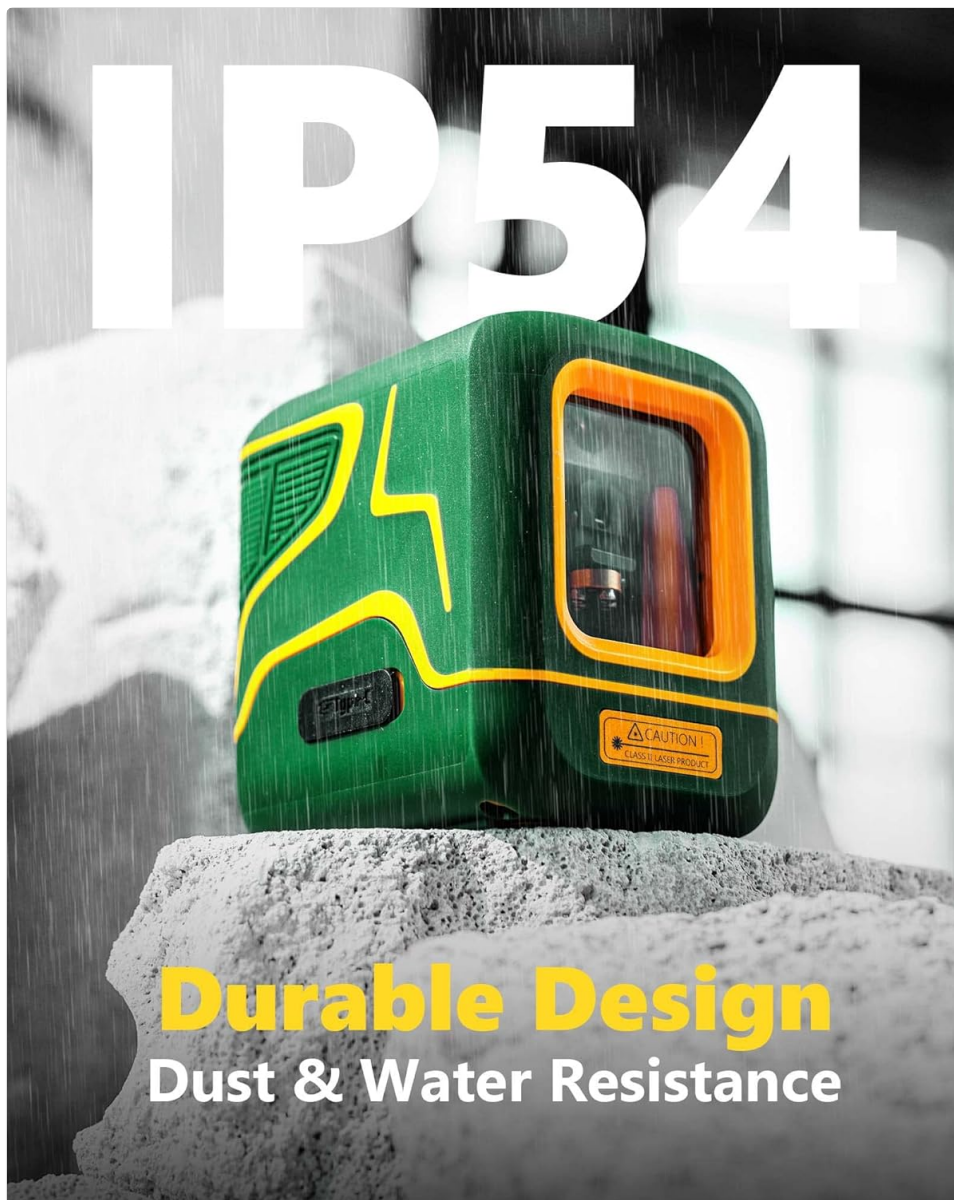


Image: The APEXFORGE X1C Laser Level with water droplets, illustrating its IP54 rating for dust and water resistance.

## MAINTENANCE

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To ensure the longevity and optimal performance of your APEXFORGE X1C Laser Level, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the device with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the laser windows are clean for clear beam projection.
- **Storage:** When not in use, store the device in its portable bag in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the pendulum lock is engaged during storage and transport to protect the internal components.
- **Battery Care:** Charge the battery regularly, even if the device is not in frequent use, to maintain battery health. Avoid completely draining the battery before recharging.
- **Avoid Impact:** Despite its durable design, avoid dropping or subjecting the device to severe impacts, as this can affect its calibration and internal mechanisms.

## TROUBLESHOOTING

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If you encounter issues with your APEXFORGE X1C Laser Level, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Laser beam is dim or not visible.	Low battery; dirty laser window; bright ambient light.	Charge the battery; clean the laser window; use in a darker environment or activate pulse mode with a receiver.
Laser beams are flashing rapidly in self-leveling mode.	Device is out of self-leveling range (>4° inclination).	Place the device on a flatter surface or adjust its position until the flashing stops.
Laser beams are blinking every 4-6 seconds.	Device is in manual mode.	This is normal behavior for manual mode. If self-leveling is desired, unlock the pendulum.
Device does not turn on.	Battery is completely drained; pendulum lock engaged.	Charge the battery; ensure the pendulum lock is in the unlocked position to power on.

## SPECIFICATIONS

Attribute	Detail
Brand	APEXFORGE
Model Number	X1C
Material	Rubber, Thermoplastic Elastomers
Color	Green
Operation Mode	Automatic (Self-Leveling) / Manual
Item Weight	1.19 pounds
Product Dimensions	0.03 x 2.95 x 2.36 inches
Battery Type	1 Lithium Ion battery (included)
Power Source	Battery Powered
Special Features	Green-line, Self-leveling, Pulse Mode, Rechargeable
IP Rating	IP54 (Waterproof, Dustproof, Shockproof)
Working Range	Up to 100 feet (indoors), Up to 147 feet (with receiver in pulse mode)
Accuracy	+/- 1/9 inch at 33 feet

## WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official APEXFORGE user manual included in your package or visit the official APEXFORGE store.

- Official User Manual (PDF): [Download PDF](#)
- Visit the APEXFORGE Store: [APEXFORGE Store on Amazon](#)

Documents - APEXFORGE – X1C



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User Manual APEXFORGE X1C Cross Line Laser Level with Rechargeable Battery 100ft Green Beam Self Leveling Vertical and Horizontal Pulse Mode 360° Magnetic Pivoting Base C1DPAgiC95L m media amazon images | |||

USER MANUAL Laser Level **X1C** English Franais Espaol Contents 01-05 06-10 11-15 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 EN ac...

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