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Fanttik D2 PLUS & D2 APEX

Fanttik D2 PLUS & D2 APEX Laser Levels

USER INSTRUCTION MANUAL



Image: Fanttik D2 PLUS and D2 APEX Laser Levels, showcasing their green laser lines.

Introduction

This manual provides detailed instructions for the safe and effective operation of your Fanttik D2 PLUS and D2 APEX Self-Leveling Cross Line Laser Levels. These tools are designed for precision leveling and alignment tasks, featuring bright green laser technology and rechargeable batteries.

Key Features:

- **High-Precision Green Laser:** Four times brighter than traditional red lasers, offering enhanced visibility.
- **Self-Leveling Functionality:** Automatically levels within a specified range for accurate projections.
- **Multiple Line Modes:** Project horizontal, vertical, or cross lines independently or simultaneously.
- **Wide Angle Projection:** Expanded coverage for various applications.
- **Rechargeable Battery:** Integrated 2600 mAh battery with USB-C charging for extended use.

- **D2 APEX Specific:** Features an LED Smart Display and plumb points for ceiling and floor positioning.

Safety Information

This device is a Class II laser product. Adhere to the following safety guidelines to prevent injury:

- **DO NOT** stare directly into the laser beam.
- **DO NOT** direct the laser beam at people or animals.
- Avoid exposing the laser to reflective surfaces, as reflected beams can also cause eye injury.
- Keep the device out of reach of children.
- Use the device only for its intended purpose as described in this manual.

Package Contents

Verify that all items are present upon unboxing:

- Fanttik D2 PLUS or D2 APEX Laser Level
- Magnetic Pivoting Base/Bracket
- USB-C Charging Cable
- User Manual

Product Overview

Familiarize yourself with the components of your laser level:

- **Laser Apertures:** Emits the green laser lines.
- **Power/Mode Button:** Controls power and switches between laser modes.
- **Battery Indicator:** Displays current battery level.
- **USB-C Charging Port:** For recharging the internal battery.
- **Magnetic Pivoting Base:** Allows for versatile mounting on metallic surfaces.
- **D2 APEX LED Smart Display:** (D2 APEX only) Shows battery, pulse mode, and laser status.

OSRAM GREEN LASER

Green Beam Lasers Are **Four Times** Brighter Than Red Beams

Red Beam

Ordinary Green Beam

Osram Green Laser



Image: The Fanttik D2 APEX laser level, highlighting its bright green laser output.

Setup

1. Initial Charging:

Before first use, fully charge the laser level. Connect the provided USB-C cable to the charging port on the device and to a suitable USB power source. The battery indicator will show charging status. A full charge provides up to 7-14 hours of continuous use, depending on the model and mode.

2600 mAh LARGE-CAPACITY RECHARGEABLE BATTERY

Continuous Use for 7-14 hours



Image: The Fanttik D2 PLUS laser level connected to a USB-C charging cable.

2. Attaching the Magnetic Bracket:

The magnetic bracket can be attached to the bottom of the laser level. This allows for secure mounting on metallic surfaces, providing flexibility in positioning the device for various tasks.

Operating Instructions

1. Powering On/Off:

To power on the device, press and hold the power button located on the top. To power off, press and hold the power button again.

2. Self-Leveling Mode:

When powered on, the device defaults to self-leveling mode. If the device is placed on an uneven surface, the laser lines will blink rapidly to indicate it is outside its self-leveling range. Adjust the device's position until the laser lines become steady, indicating it is level.

3. Line Modes (D2 PLUS):

In self-leveling mode, short press the power button to cycle through the available line projection modes:

- **Horizontal Line:** Projects a single horizontal line (120° angle).
- **Vertical Line:** Projects a single vertical line (130° angle).
- **Cross Lines:** Projects both horizontal and vertical lines simultaneously.

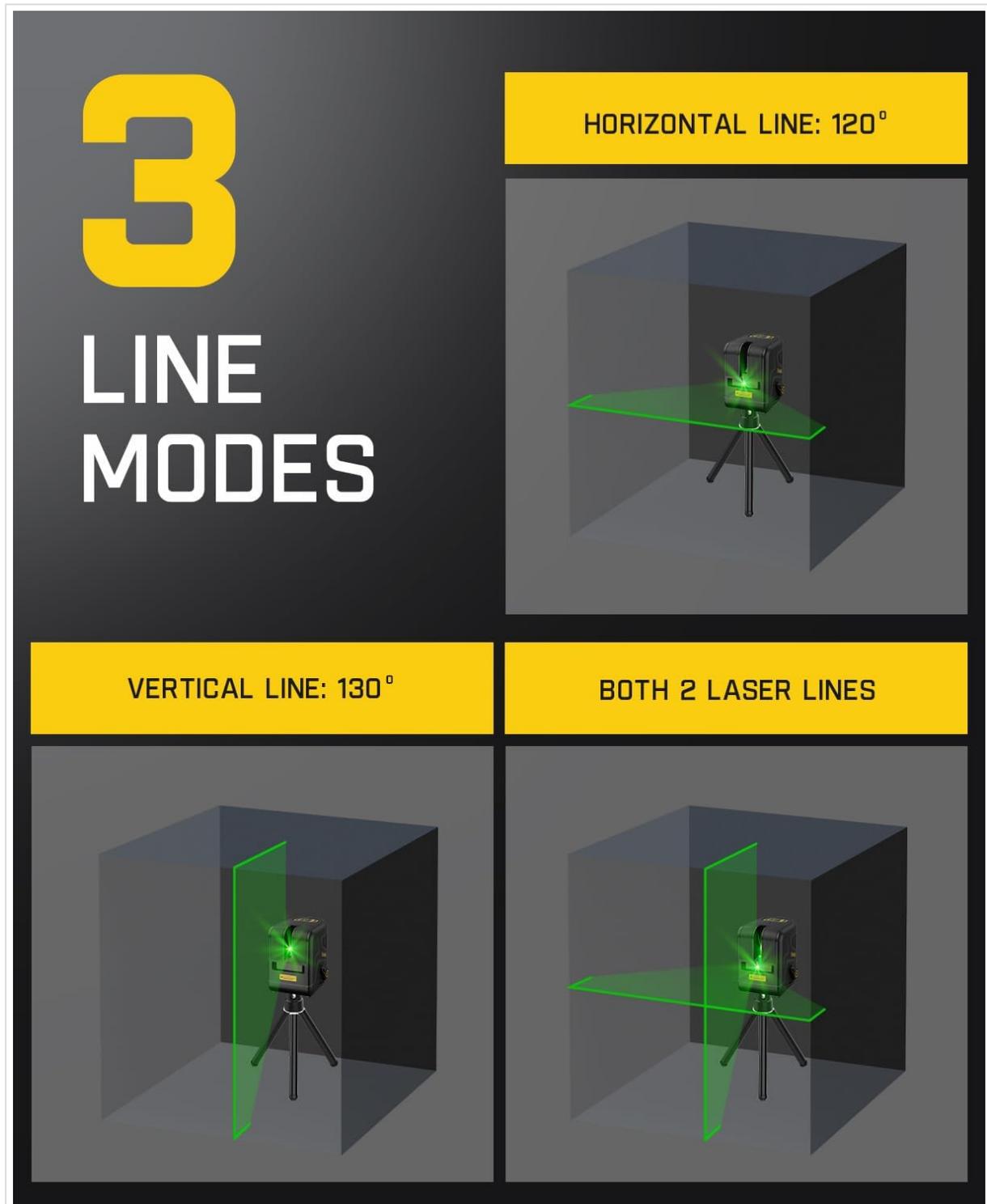


Image: Visual representation of the D2 PLUS operating in horizontal, vertical, and combined cross-line modes.

4. Line Modes with Plumb Points (D2 APEX):

The D2 APEX model offers enhanced line modes including plumb points:

- **Horizontal Line with Plumb Points:** Projects a horizontal line (170° angle) along with top and bottom plumb points.
- **Vertical Line:** Projects a single vertical line (130° angle).
- **Cross Lines with Plumb Points:** Projects both horizontal and vertical lines with top and bottom plumb points.

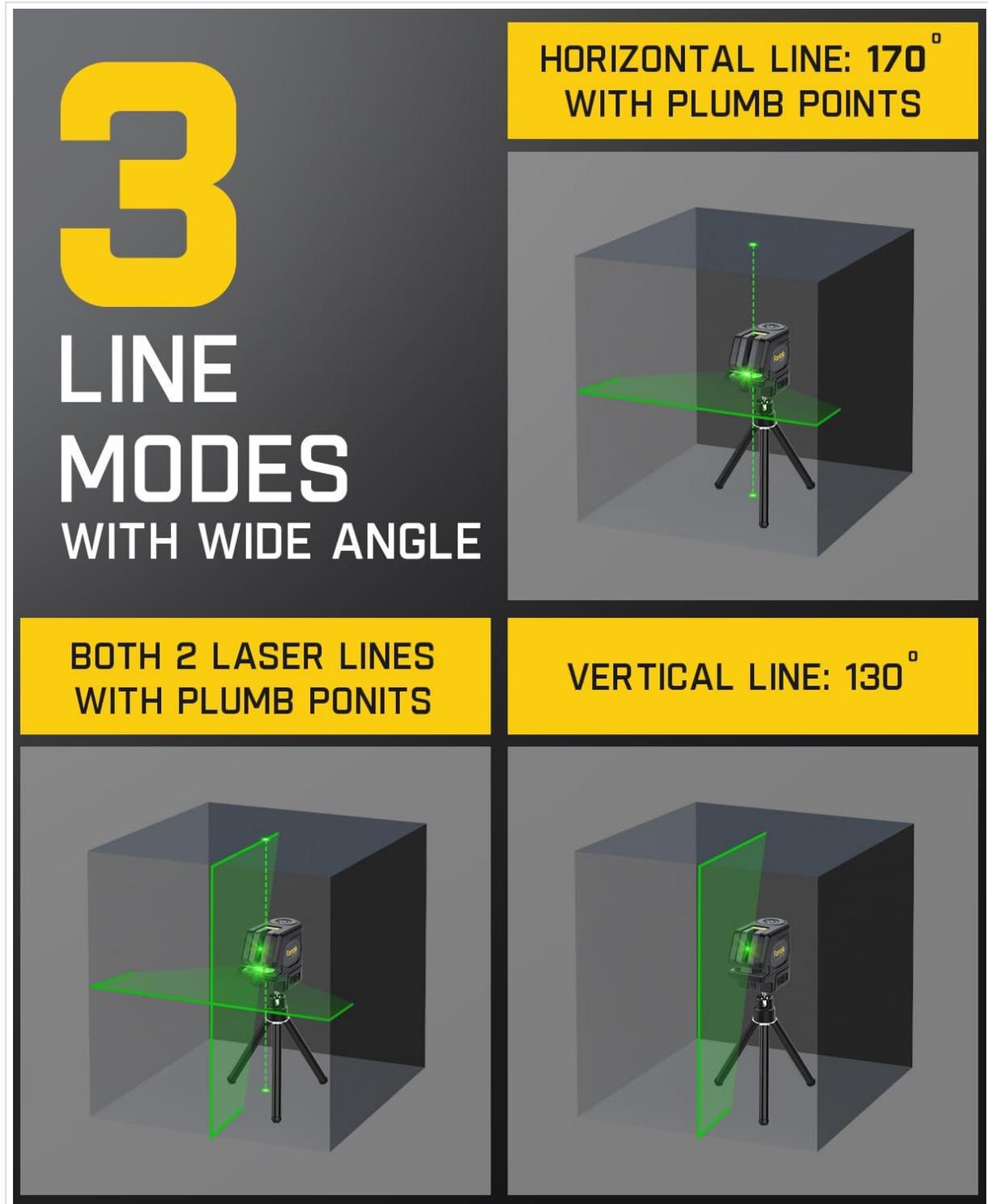


Image: Visual representation of the D2 APEX operating in horizontal with plumb points, vertical, and combined cross-line with plumb points modes.

5. LED Smart Display (D2 APEX only):

The D2 APEX features an LED display that provides real-time information:

- **Battery Level:** Shows remaining power.
- **Pulse Mode Status:** Indicates if pulse mode is active.
- **Laser Beam Status:** Confirms active laser lines.



Image: The D2 APEX's LED display indicating low power, normal power, and charging status.

6. Pulse Mode:

Activate pulse mode for use with a laser receiver (sold separately) to extend the working range or for outdoor applications where the laser line may be difficult to see. Refer to your receiver's manual for specific instructions.

7. Manual Mode (Locked Pendulum):

To project angled lines, engage the manual mode by locking the pendulum. This typically involves a switch or a specific button sequence. In manual mode, the laser will not self-level, allowing you to set the device at any desired angle.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents. Keep the laser apertures clean and free of dust.
- **Storage:** Store the laser level in a dry, cool place, away from direct sunlight and extreme temperatures. If storing for extended periods, ensure the battery is partially charged (around 50%) to prolong its lifespan.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge as needed.

Troubleshooting

- **Laser Lines Blinking:** This indicates the device is outside its self-leveling range. Adjust the position of the laser level until the lines become steady.
- **No Laser Output:** Ensure the device is powered on and fully charged. Check if it's in manual mode, which might require a specific action to activate the laser.
- **Inaccurate Lines:** If you suspect inaccuracy, perform a calibration check on a known level surface. If issues persist, contact customer support.

Specifications

Feature	D2 PLUS	D2 APEX
Laser Type	Green Laser Diode (Class II, <1mW)	
Accuracy	±3/32 in at 30 ft	±3/32 in at 30 ft
Projection Range	Up to 100 ft	Up to 100 ft
Vertical Line Angle	130°	170°
Horizontal Line Angle	120°	130°
Plumb Points	No	Yes (Top & Bottom)
Battery	2600 mAh Rechargeable Lithium-ion	
Charging Port	USB-C	
Operation Modes	Self-Leveling, Manual, Pulse	
Material	Metal, Plastic	
Color	Black (housing), Green (laser)	
Display	LED Indicator	LED Smart Display

Warranty and Support

Fanttik products are designed for reliability and performance. For warranty information, technical support,

or service inquiries, please refer to the warranty card included with your product or visit the official Fanttik website. Please have your model number and purchase date available when contacting support.

Online Support: [Visit the Fanttik Store on Amazon](#)

Related Documents - D2 PLUS & D2 APEX

	<p>Fanttik D2 Laser Level User Manual and Specifications</p> <p>Comprehensive user manual and specifications for the Fanttik D2 Laser Level, covering safety warnings, package contents, product overview, operation, troubleshooting, and warranty information.</p>
<p>尺寸:123 x 90mm 材质: 105g铜版纸 印刷: 单黑 装订: 骑马钉 注: 封面封底背面不印刷</p>	<p>Fanttik D2 PRO Laser Level User Manual</p> <p>Comprehensive user manual for the Fanttik D2 PRO Laser Level, detailing safety warnings, package contents, product overview, operation, specifications, and troubleshooting. Learn how to safely and effectively use your Fanttik D2 PRO laser level.</p>
<p>尺寸:123 x 90mm 材质: 105g铜版纸 印刷: 单黑 装订: 骑马钉 注: 封面封底背面不印刷</p>	<p>Fanttik D2 PRO Laser Level User Manual</p> <p>Comprehensive user manual for the Fanttik D2 PRO Laser Level, model L2G. Provides essential safety guidelines, product overview, detailed operation instructions, technical specifications, and troubleshooting tips. Available in English, French, and Spanish.</p>
	<p>Fanttik D2 Laser Level User Manual and Warranty Information</p> <p>Comprehensive user manual for the Fanttik D2 Cross Line Laser Level, covering safety warnings, package contents, product overview, operation, specifications, troubleshooting, and warranty information.</p>
	<p>Fanttik D12 PLUS 3 x 360° Laser Level User Manual</p> <p>Comprehensive user manual for the Fanttik D12 PLUS 3 x 360° Laser Level, covering safety warnings, package contents, product overview, operation, specifications, and troubleshooting.</p>
	<p>Fanttik A10 APEX 3-in-1 Laser Tape Measure User Manual</p> <p>Comprehensive user manual for the Fanttik A10 APEX 3-in-1 Laser Tape Measure, covering safety guidelines, package contents, features, operation, settings, tape measure functions, specifications, troubleshooting, FCC statements, and warranty information.</p>