

**Fanttik F2 Master & D2 (B0DTKHKBVS)**

# **Fanttik F2 Master Mini Cordless Rotary Tool Kit & D2 Green Laser Level User Manual**

Model: F2 Master & D2 (B0DTKHKBVS)

## **INTRODUCTION**

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This manual provides detailed instructions for the safe and effective use of your Fanttik F2 Master Mini Cordless Rotary Tool Kit and Fanttik D2 Green Laser Level. Please read this manual thoroughly before operating the devices and retain it for future reference. Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your tools.



Image: The Fanttik F2 Master Mini Cordless Rotary Tool (left, cylindrical) and the Fanttik D2 Green Laser Level (right, cube-shaped) displayed together.

## SAFETY INFORMATION

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Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when using any electrical tool or laser device.

- **Eye Protection:** Always wear appropriate eye protection when operating the rotary tool or laser level.
- **Laser Safety:** The D2 Laser Level emits a Class II laser. Do not stare directly into the laser beam. Avoid direct eye exposure.
- **Work Area:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Tool Condition:** Inspect tools for damage before each use. Do not operate damaged tools.
- **Ventilation:** Ensure adequate ventilation when using the rotary tool for tasks that produce dust or fumes.
- **Children and Bystanders:** Keep children and bystanders away while operating the tools.
- **Charging:** Use only the provided USB cable for charging. Do not attempt to charge with incompatible chargers.

## PRODUCT OVERVIEW

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### Fanttik F2 Master Mini Cordless Rotary Tool

The F2 Master is a compact, powerful rotary tool designed for precision tasks such as grinding, polishing, drilling, and engraving. It features a brushless motor for enhanced performance and reduced noise.

- **Brushless Hollow Cup Motor:** Provides strong performance with reduced noise and heat. Maximum speed: 25,000 RPM.
- **5 Adjustable Speed Settings:** Allows for precise control over various applications.
- **Revostor Hub:** A 360° rotating magnetic stand with 35 organized accessories (3/32" / 2.3mm shank size) for convenient access.
- **Mini & Portable Design:** Weighs only 0.22 lb, making it ideal for on-the-go use.
- **Durable Aluminum Case:** Resists rust and features a one-click pop-out design for quick tool access.

# POWERFUL BRUSHLESS MOTOR

**25000**rpm  
Max Speed

**+30%**  
Lifespan

Image: An internal diagram of the Fanttik F2 Master, highlighting its powerful brushless motor capable of 25,000 RPM, indicating a 30% increase in lifespan.



# WHISPER-QUIET

The mini engraving pen operates at 32 dB when idle



Image: A person using the Fanttik F2 Master to engrave a ring, illustrating its quiet operation at 32 dB when idle, comparable to a gentle breeze.



## REVOSTOR HUB

Keep accessories  
organized and within reach

Image: A close-up view of the Fanttik F2 Master's Revostor Hub, showing its 360-degree rotating design for organized storage and easy access to various accessories.



# ALUMINUM ALLOY CASE POP-UP MECHANISM



Image: The Fanttik F2 Master being accessed from its aluminum alloy case, demonstrating the one-click pop-up mechanism for quick tool retrieval.

## Fanttik D2 Green Laser Level

The D2 Green Laser Level provides accurate and highly visible green laser lines for various leveling and alignment tasks. It is designed for durability and ease of use.

- **2200 mAh Rechargeable Battery:** Offers up to 10 hours of continuous use on a single charge. Rechargeable via USB-C.

- **High-Visibility Green Laser:** Utilizes Osram laser technology, providing a beam 4 times brighter than red lasers for superior visibility and longevity.
- **360° Magnetic Bracket:** Included for versatile mounting options on metal surfaces or with a tripod (1/4"-20 thread compatible).
- **Portable & Lightweight:** Weighs just 0.56 lb, making it easy to carry and position.
- **Durable Design:** Features IP54 dust and water resistance, and is resistant to falls from 1 meter.

# 2200 mAh RECHARGEABLE BATTERY

Continuous Use for 10 hours

USB-C  
Charging



Image: The Fanttik D2 Laser Level connected to a USB-C charging cable, illustrating its 2200 mAh rechargeable battery that provides 10



hours of continuous use.

# HIGH-VISIBILITY GREEN LASER

Osram Laser for Superior Visibility and Longevity

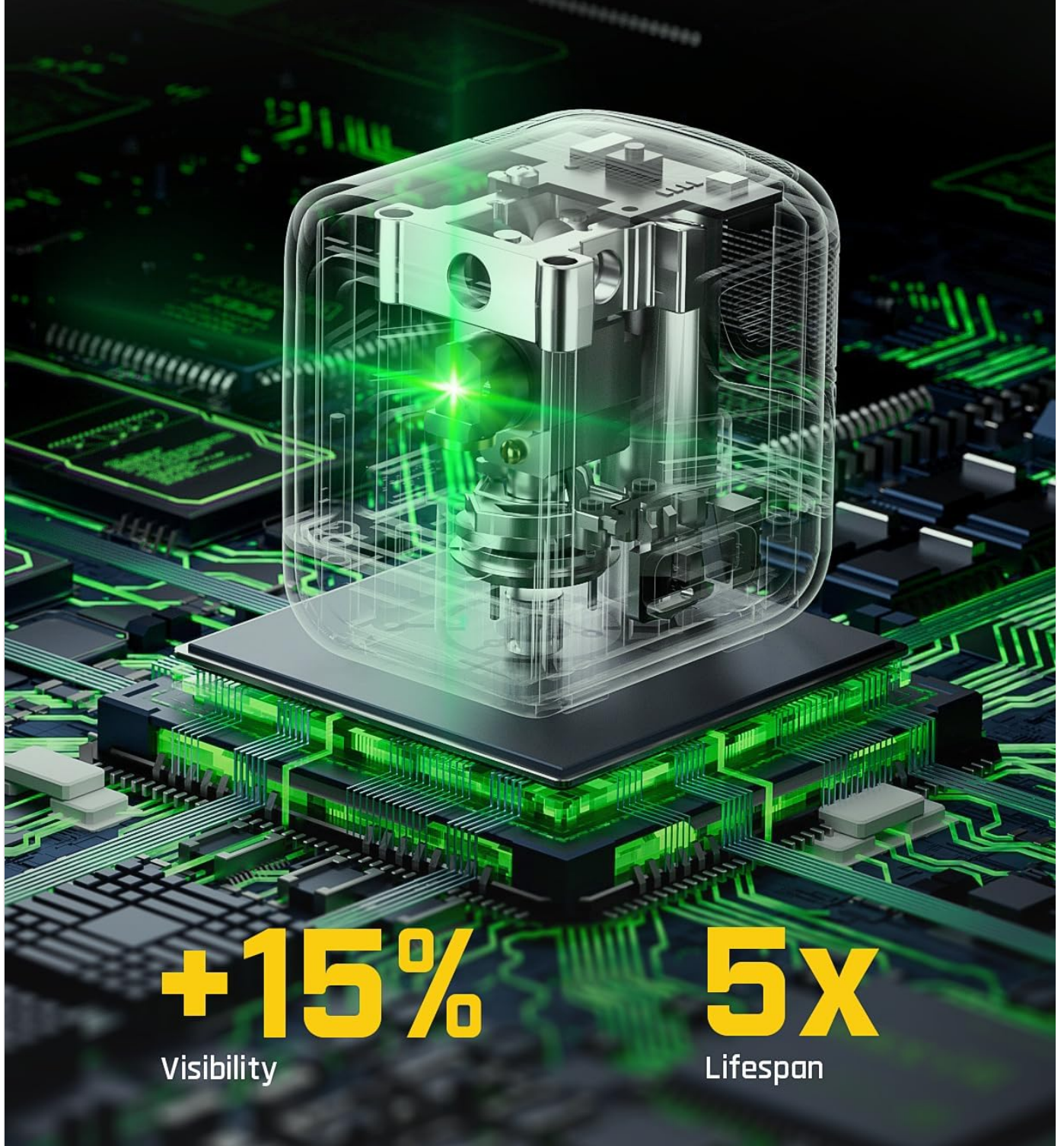


Image: An intricate diagram showcasing the internal components of the Fanttik D2 Laser Level, emphasizing its high-visibility green laser technology for improved visibility and lifespan.



Image: The Fanttik D2 Laser Level shown with its included 360-degree magnetic bracket, demonstrating its compatibility with tripods and ability to hang on nails or screws.



# PORTABLE & LIGHTWEIGHT

# 0.56<sub>lb</sub>



Image: A hand holding the Fanttik D2 Laser Level, illustrating its compact and lightweight design (0.56 lb) for easy portability.

## SETUP

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### Fanttik F2 Master

1. **Charging:** Before first use, fully charge the F2 Master using the provided USB cable. The charging indicator will show the charging status.



2. **Accessory Installation:** Select the desired accessory from the Revostor Hub. Insert the accessory shank into the collet of the rotary tool and tighten securely. Ensure the accessory is fully seated before operation.

## Fanttik D2 Green Laser Level

1. **Charging:** Connect the D2 Laser Level to a power source using the USB-C cable. The battery indicator will illuminate during charging.
2. **Power On:** Slide the pendulum lock switch to the unlocked position to power on the device and activate the self-leveling mode.
3. **Mounting:** Use the integrated 1/4"-20 thread to mount the D2 on a tripod or utilize the magnetic bracket for attachment to metal surfaces.



Image: A close-up of the Fanttik D2 Laser Level, showing its compact design and green laser aperture.



Image: A standard USB-C charging cable, used for powering the devices.



Image: The magnetic bracket accessory, designed to securely hold the laser level on metallic surfaces.

## OPERATING INSTRUCTIONS

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### Fanttik F2 Master

1. **Power On/Off:** Press and hold the power button to turn the tool on or off.
2. **Adjust Speed:** Press the speed adjustment button to cycle through the 5 available speed settings (up to 25,000

RPM). Select the appropriate speed for your task.

3. **Operation:** Apply gentle pressure and allow the tool to do the work. Avoid excessive force, which can lead to overheating or damage.

## Fanttik D2 Green Laser Level

1. **Self-Leveling Mode:** Slide the pendulum to the unlocked position. The laser level will automatically self-level within 4 degrees. If the tilt exceeds this range, the laser lines will flash to indicate an out-of-level condition.
2. **Manual Mode:** To use the laser at any angle (e.g., for stair laying), press and hold the power button for 0.5 seconds to enter manual mode. The laser lines will remain fixed. Press the power button for 2 seconds to turn off.
3. **Pulse Mode:** For extended working range up to 164 ft (50m) or use in bright outdoor environments, activate pulse mode by pressing the dedicated button. A laser receiver (not included) is required for this mode.

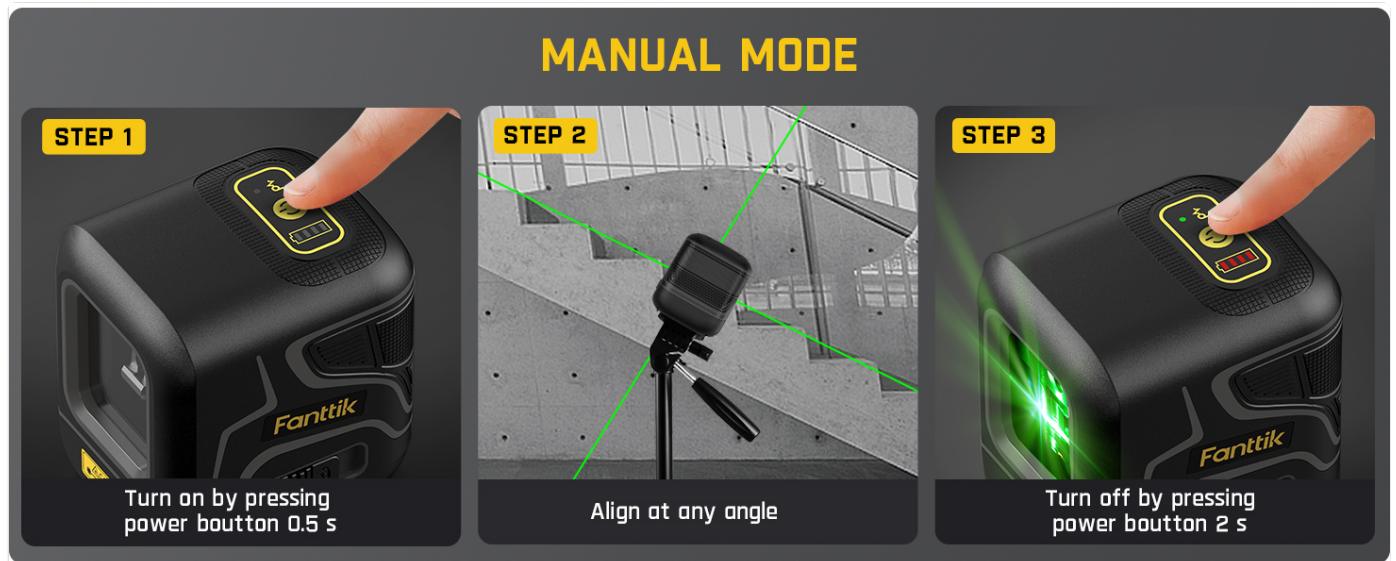


Image: A three-step guide demonstrating the self-leveling mode of the Fanttik D2 Laser Level: 1) Slide pendulum to unlock, 2) Automatically levels within 4 degrees, 3) Slide pendulum back to turn off.

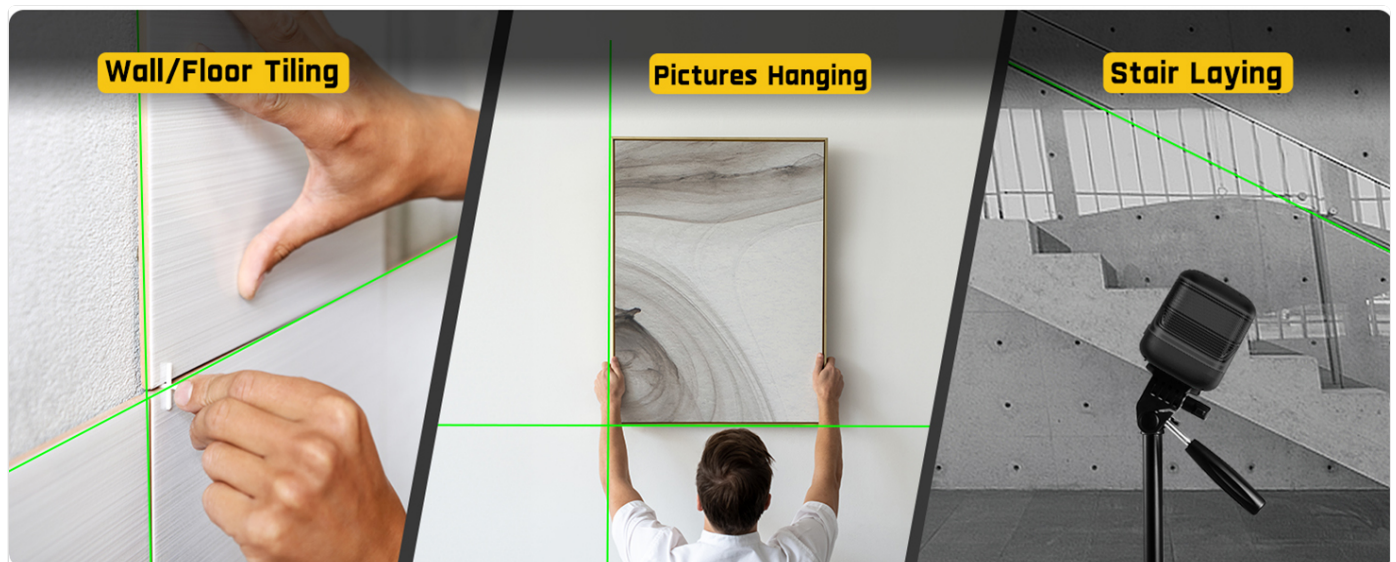


Image: A three-step guide demonstrating the manual mode of the Fanttik D2 Laser Level: 1) Turn on by pressing the power button for 0.5 seconds, 2) Align at any angle, 3) Turn off by pressing the power button for 2 seconds.

## WHAT'S IN THE BOX?

- ① D2 Laser Level
- ② USB-C Cable
- ③ Magnetic Bracket
- ④ Drawstring Pocket
- ⑤ User Manual



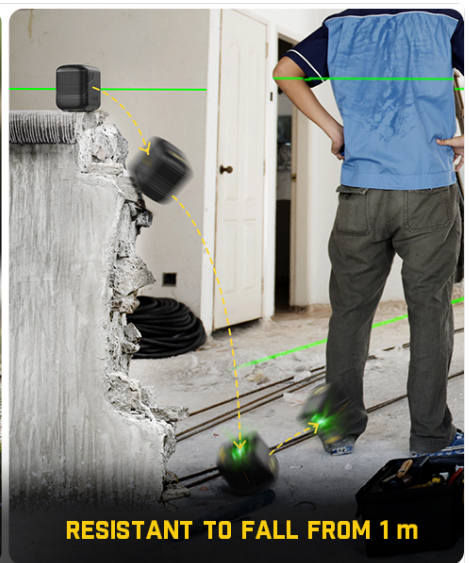
Image: Three examples of the Fanttik D2 Laser Level in use: for wall/floor tiling, hanging pictures, and stair laying, showcasing its versatility.



DUST RESISTANCE



WATER RESISTANCE



RESISTANT TO FALL FROM 1 m

Image: The Fanttik D2 Laser Level in a large indoor space, illustrating its pulse mode which extends the working range up to 164 ft, suitable for outdoor or bright environments with a laser receiver.

## MAINTENANCE

- **Cleaning:** Wipe both tools with a soft, damp cloth after each use. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the tools in their original case or a protective pouch in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, charge the devices regularly, even if not in frequent use. Avoid fully discharging the battery for extended periods.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
F2 Master not turning on	Low battery; Power button not pressed long enough	Charge the F2 Master; Press and hold the power button for 1-2 seconds
F2 Master accessory wobbles	Accessory not fully inserted or collet not tightened	Re-insert accessory fully and tighten the collet securely



Problem	Possible Cause	Solution
D2 Laser lines flashing	Device is out of self-leveling range (>4°)	Place the D2 on a more level surface within its self-leveling range
D2 Laser not visible outdoors	Bright ambient light	Activate Pulse Mode and use a laser receiver (not included)
Battery not charging	Faulty cable or power adapter; Charging port issue	Try a different USB-C cable and power adapter; Contact customer support if issue persists

## SPECIFICATIONS

### Fanttik F2 Master Mini Cordless Rotary Tool

- **Motor Type:** Brushless Hollow Cup Motor
- **Maximum Rotational Speed:** 25,000 RPM
- **Speed Settings:** 5 adjustable levels
- **Accessory Shank Size:** 3/32" (2.3mm)
- **Weight:** 0.22 lb
- **Case Material:** Aluminum Alloy

### Fanttik D2 Green Laser Level

- **Laser Type:** Green Laser (Osram)
- **Laser Class:** Class II
- **Battery Capacity:** 2200 mAh
- **Continuous Use Time:** Up to 10 hours
- **Charging Port:** USB-C
- **Self-Leveling Range:** ±4°
- **Accuracy:** ±1/8 in at 30 ft
- **Working Range (Pulse Mode):** Up to 164 ft (50m) with receiver
- **Mounting Thread:** 1/4"-20
- **Weight:** 0.56 lb
- **IP Rating:** IP54 (Dust and Water Resistant)
- **Drop Resistance:** Resistant to falls from 1 meter

## SELF-LEVELING MODE

### STEP 1



Turn on by sliding the pendulum to unlocked position

### STEP 2



Automatically level within 4°

### STEP 3



Turn off by sliding the pendulum back

Image: Three panels illustrating the durability of the Fanttik D2 Laser Level: dust resistance, water resistance (IP54), and resistance to falls from 1 meter.

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Fanttik website. Keep your purchase receipt as proof of purchase for warranty claims.