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GOTMEET NF-276L

GOTMEET NF-276L Laser Measurement Tool User Manual

Digital Laser Distance Meter with Type-C Rechargeable, M/in/Ft Unit Switching, Backlit LCD Display

1. Product Overview

The GOTMEET NF-276L is a compact and versatile digital laser distance meter designed for precise measurements in various environments. It features a backlit LCD display, Type-C rechargeable battery, and multiple measurement modes including distance, area, volume, and Pythagorean calculations. Its durable metal exterior and IP54 rating ensure reliability in different conditions.



The GOTMEET NF-276L Laser Measurement Tool, showcasing its compact design and clear display.

This device is ideal for home use, construction, and industrial applications, providing quick and accurate measurements up to 165 feet (50 meters) with an accuracy of ± 1/16 inch (1.5mm).



An overview of the GOTMEET NF-276L Laser Distance Meter, highlighting its new generation metal exterior and various measurement capabilities including single, continuous, area, volume, anteroposterior datum, hook, MAX/MIN, and angle/height measurements.

2. Setup and Initial Use

2.1 Charging the Device

The NF-276L features a built-in 320mAh 3.7V lithium battery. To charge, connect the device using a Type-C USB cable to a compatible power source. A full charge provides approximately 10 hours of running time. Ensure to use a USB-A to USB-C cable for charging, as USB-C to USB-C cables may not be compatible with its older charging technology.



The GOTMEET NF-276L being charged via its Type-C port, illustrating its 320mAh battery capacity.

2.2 Power On/Off and Automatic Shutdown

To power on the device, press the main switch button. The device features an automatic backlight and will shut down automatically after 30 seconds of no laser operation and the screen will turn off after 2 minutes of suspension to conserve power.



The GOTMEET NF-276L demonstrating its single button design and automatic shutdown feature, where the laser shuts down after 30 seconds and the system after 2 minutes of inactivity.

2.3 Setting the Measurement Datum

In the startup state, press and hold the switch button for 3 seconds to toggle between the front and bottom measurement datum. This determines whether the measurement is taken from the top or bottom edge of the device.

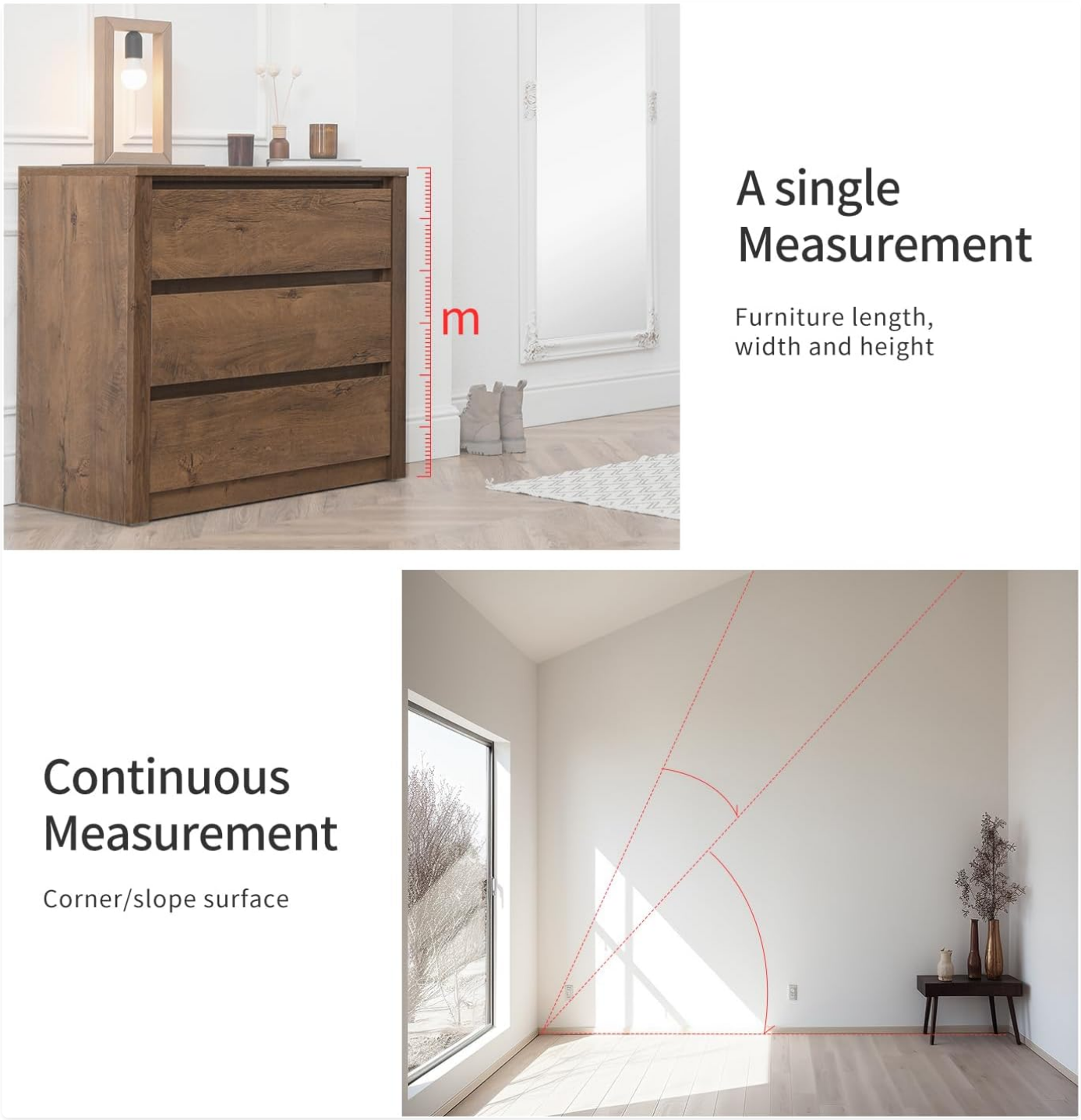


Illustration of how to set the measurement datum on the GOTMEET NF-276L, allowing users to choose between top base or bottom base for measurements.

3. Operating Instructions

3.1 Basic Measurement (Single Measurement)

To perform a single distance measurement, simply point the laser at the target and press the measurement button. The distance will be displayed on the backlit LCD screen.



The GOTMEET NF-276L demonstrating a single measurement for furniture length, width, and height, and continuous measurement for corners or sloped surfaces.

3.2 Unit Switching

The device supports unit switching between meters (M), inches (in), and feet (Ft). Refer to the user interface or specific button functions to cycle through these units as needed for your measurements.

3.3 Multiple Measurement Modes

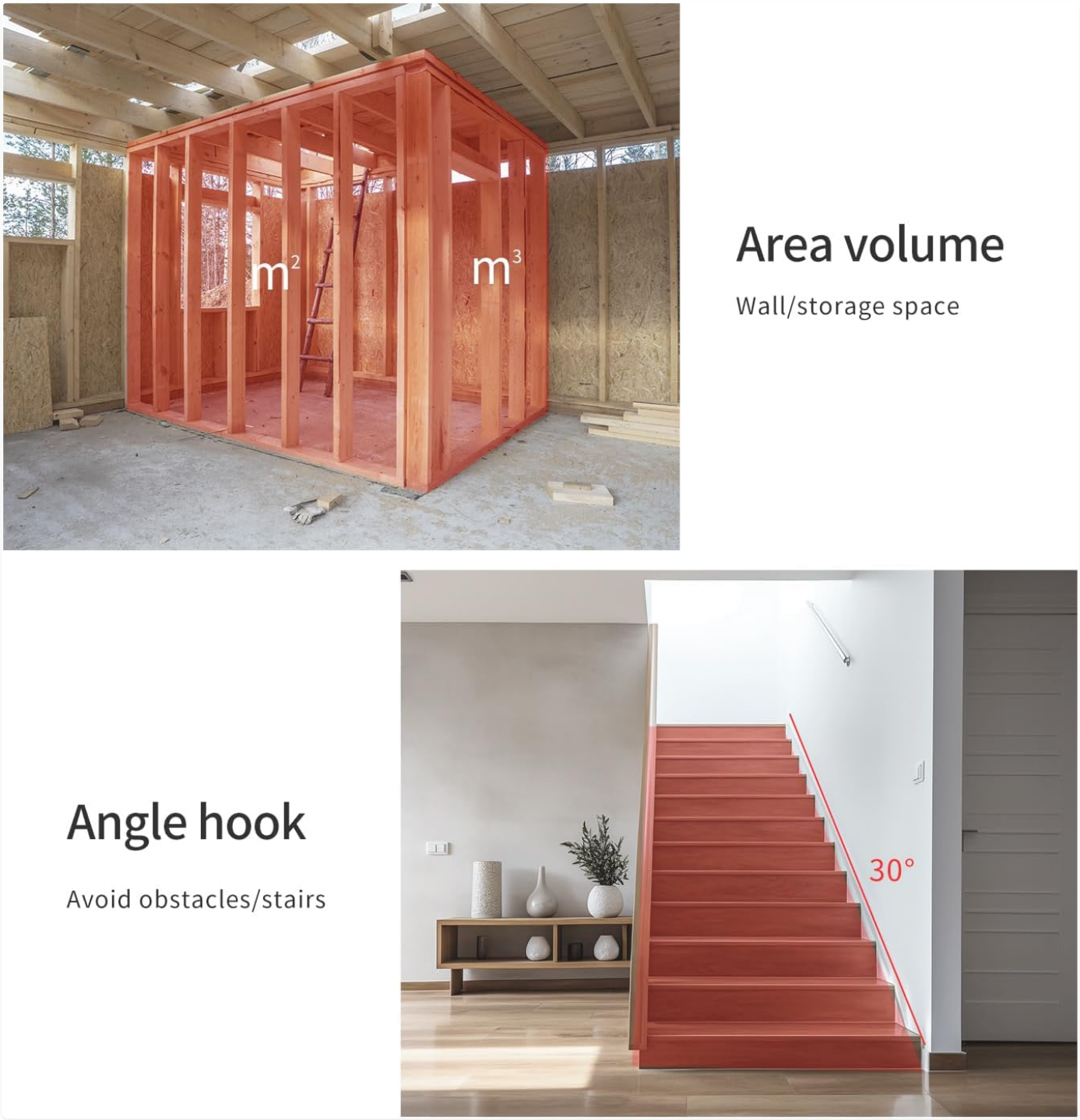
The NF-276L offers several advanced measurement functions:

- **Area Measurement:** Calculate the area of a space by taking two measurements (length and width).
- **Volume Measurement:** Determine the volume by taking three measurements (length, width, and height).
- **Pythagorean Measurement:** Use the Pythagorean theorem to measure inaccessible heights or distances. This includes single Pythagorean, and two types of secondary Pythagorean measurements for complex scenarios.

- **Continuous Measurement:** Allows for dynamic measurement as you move the device, useful for finding minimum and maximum distances.
- **Angle Measurement:** The built-in electronic angle sensor provides precise angle readings, useful for leveling or measuring slopes.



The GOTMEET NF-276L illustrating its multiple measurement modes, including Pythagorean 1 and two variations of Secondary Pythagorean measurements.



The GOTMEET NF-276L demonstrating area and volume calculations for wall/storage spaces, and angle hook measurement to avoid obstacles or measure stairs.

3.4 Data Storage

The device can store up to 50 groups of measurement data, allowing for easy review and comparison of previous readings.

4. Maintenance

To ensure the longevity and accuracy of your GOTMEET NF-276L, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents. For the laser lens, use a lens cleaning cloth to avoid scratches.

- **Protection:** The device has an IP54 rating, making it waterproof and dustproof. However, avoid prolonged exposure to water or extremely dusty environments.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.



The GOTMEET NF-276L showcasing its IP54 protection, indicating its waterproof and dustproof capabilities.

5. Troubleshooting

If you encounter issues with your laser measurement tool, refer to the following common problems and solutions:

- **Inaccurate Readings:**
  - Ensure the laser is pointed directly at the target and the surface is reflective enough.
  - Verify the measurement datum setting (front or bottom) is correct for your application.
  - Clean the laser lens if it appears dirty.

    - Environmental factors like strong sunlight or highly reflective/absorbent surfaces can affect accuracy. Try measuring in different conditions.

- **Device Not Charging:**
    - Ensure you are using a USB-A to USB-C charging cable. The device may not charge with a USB-C to USB-C cable due to older charging technology.
    - Check the charging cable and adapter for damage.
    - Ensure the charging port on the device is clean and free of debris.
- **Display Not Working/Blank Screen:**
    - Check if the battery is charged.
    - The device has an automatic shutdown feature; press any button to wake it up.
    - If the screen is scratched, it may affect readability when off, but should be clear when on.
- **Buttons Unresponsive:**
    - Restart the device by powering it off and on again.
    - Ensure no debris is lodged around the buttons.

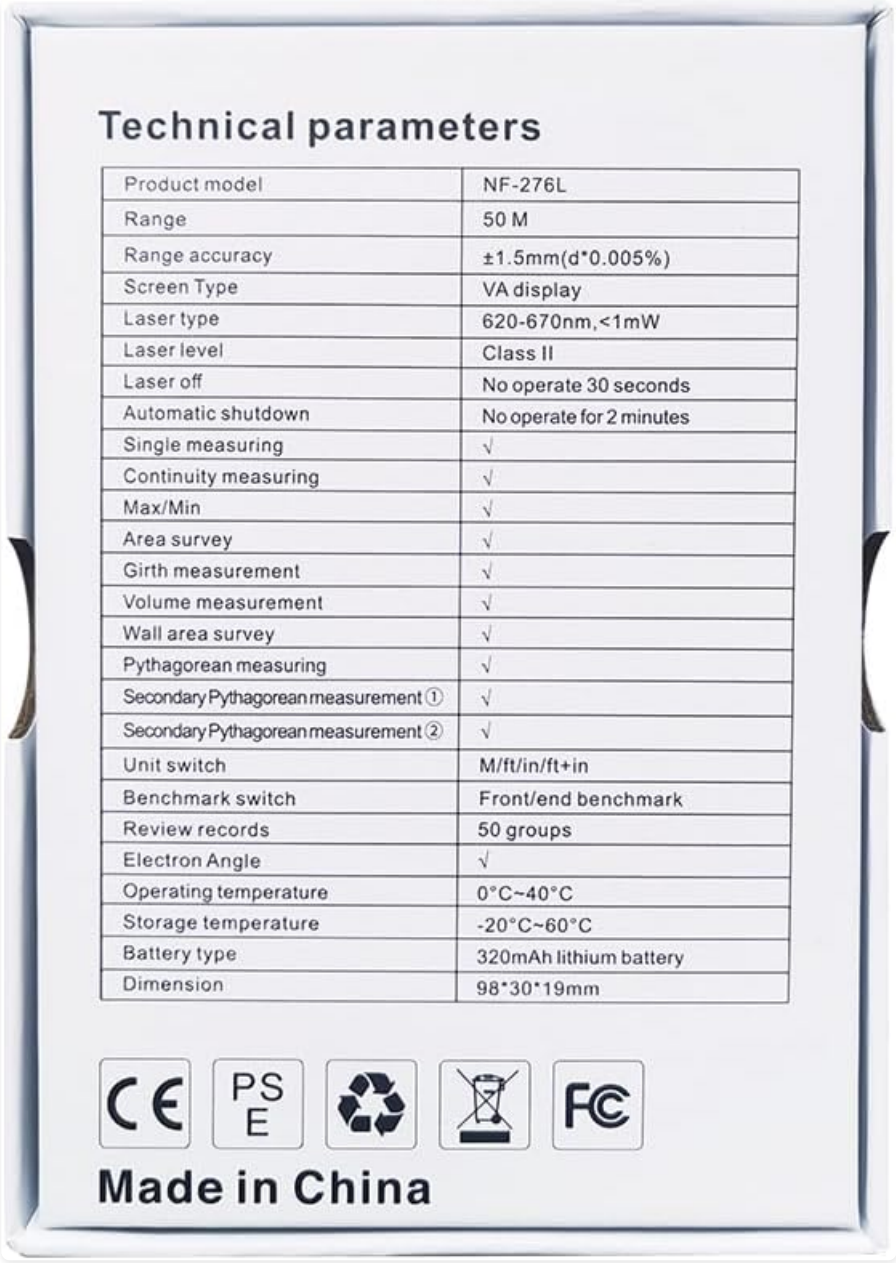
If problems persist, please contact GOTMEET customer support for further assistance.

6. Specifications

Below are the technical specifications for the GOTMEET NF-276L Laser Measurement Tool:

Feature	Specification
Product Model	NF-276L
Measuring Range	50 M (165 feet)
Range Accuracy	± 1.5mm (d*0.005%)
Screen Type	VA display, 5 Line Backlit LCD
Laser Type	620-670nm, <1mW
Laser Level	Class II
Automatic Laser Off	No operation after 30 seconds
Automatic Shutdown	No operation after 2 minutes
Measurement Functions	Single, Continuous, Max/Min, Area, Volume, Wall Area, Pythagorean (1, 2, Secondary), Angle
Unit Switch	M/ft/in/ft+in
Benchmark Switch	Front/end benchmark
Review Records	50 groups

Feature	Specification
Electronic Angle	Yes
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~60°C
Battery Type	320mAh lithium battery
Dimensions	98x30x19mm (3.86"L x 1.18"W x 0.75"H)
Item Weight	20 Grams
Material	Metal
Water Resistance Level	IP54



A detailed table outlining the technical parameters and features of the GOTMEET NF-276L Laser Distance Meter.

7. Warranty and Support

The manufacturer's specifications indicate that there is no explicit warranty description provided for this product. For any product-related inquiries, technical support, or assistance with operation and troubleshooting beyond this manual, please contact GOTMEET customer support directly through their official channels or the retailer where the product was purchased.

Please retain your purchase receipt as proof of purchase for any support inquiries.

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