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GOTMEET NF-G5102

GOTMEET NF-G5102 Stud Finder Wall Scanner User Manual

Model: NF-G5102 | Brand: GOTMEET

Introduction

This manual provides detailed instructions for the safe and effective operation of your GOTMEET NF-G5102 Stud Finder Wall Scanner. Please read this manual thoroughly before using the device to ensure proper function and to prevent potential hazards. Keep this manual for future reference.

Product Overview

The GOTMEET NF-G5102 is a multi-functional wall scanner designed for accurate detection of various materials behind walls, floors, and ceilings. It features an upgraded smart chip and advanced sensors to locate wood and metal studs, joists, pipes, and live AC wires. The device is equipped with an HD LCD display and an audio alarm for clear indications.



Image: The GOTMEET NF-G5102 Stud Finder Wall Scanner, showcasing its compact design and display.

Key Features:

- **Intelligent Chip & Advanced Sensors:** Provides quick and precise location of wood, metal, and live AC wires.
- **Multiple Detection Modes:**
  - Magnetic Metal: Up to 3.94 inches (100mm)
  - Non-Magnetic Metal: Up to 3.15 inches (80mm)
  - Live AC Wire: Up to 1.97 inches (50mm)

- Wood Studs/Pipes: Up to 1.18 inches (30mm)

- **Rechargeable Battery:** Built-in 390mAh lithium battery with Type-C charging port and real-time battery level display.
- **Ergonomic Design:** Comfortable, non-slip grip for one-handed operation.
- **HD LCD Display & Audio Alarm:** Clear visual indicators for detection mode, signal strength, depth, and center-positioning, complemented by an audible alert.

Package Contents

Verify that all items are present in the package:

- GOTMEET NF-G5102 Stud Finder Wall Scanner x 1
- USB-C Charging Cable x 1
- User Manual x 1



Image: The GOTMEET NF-G5102 Stud Finder, USB-C charging cable, and user manual as included in the package.

Setup

Charging the Device:

The NF-G5102 comes with a built-in 390mAh rechargeable lithium battery. Before first use, or when the battery indicator on the display shows low power, charge the device using the provided USB-C charging cable.

1. Connect the USB-C end of the charging cable to the charging port on the device.
2. Connect the USB-A end of the charging cable to a compatible USB power adapter (not included) or a computer USB port.
3. The battery level indicator on the display will show charging status. A full charge typically takes approximately 2 hours.

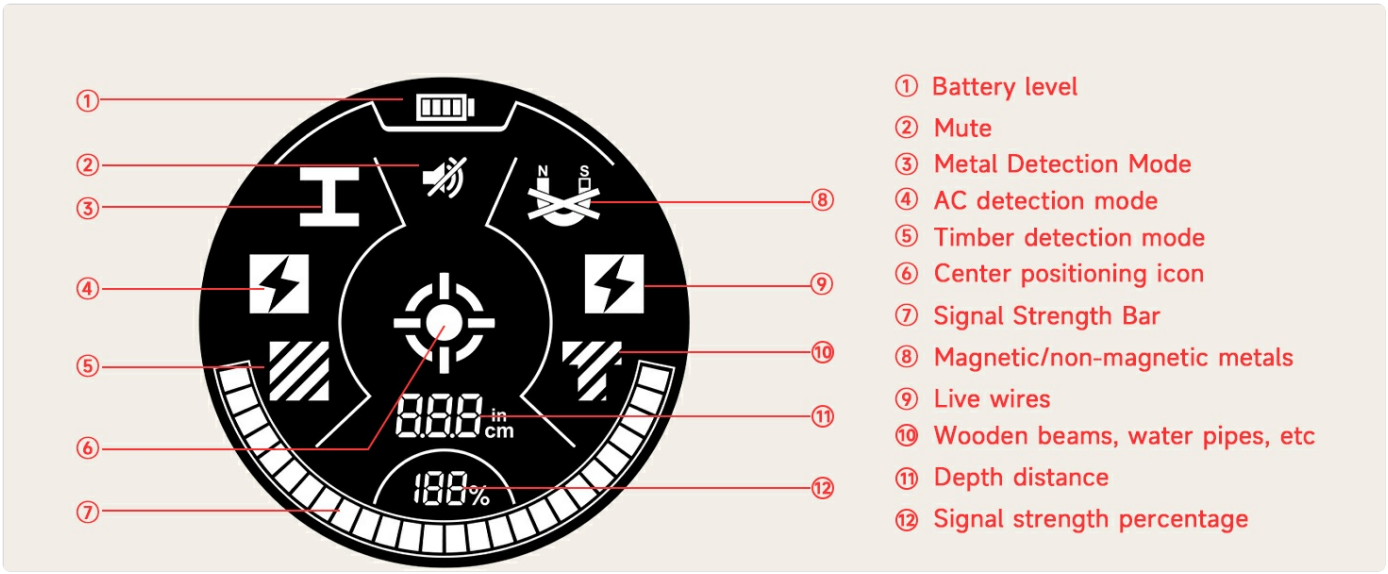


Image: The GOTMEET NF-G5102 Stud Finder connected to a USB-C charging cable, illustrating the charging process.

Initial Power On:

Press and hold the power button (red circle with a line) located in the center of the control panel to turn on the device. The HD LCD display will illuminate.

Operating Instructions

General Operation:

1. **Power On:** Long press the power button to turn on the stud finder.
2. **Select Mode:** Press the corresponding detection mode button (Wood, Metal, AC Wire) to select the desired scanning mode.
3. **Automatic Calibration:** The device will automatically calibrate when placed against the wall. Wait for two beeps to confirm readiness. No manual calibration is required.
4. **Scan:** Move the device slowly and steadily along the wall surface.
5. **Detection Indication:** The LCD screen will display signal strength, depth distance, and a center-positioning icon when an object is detected. An audio alarm will also sound.

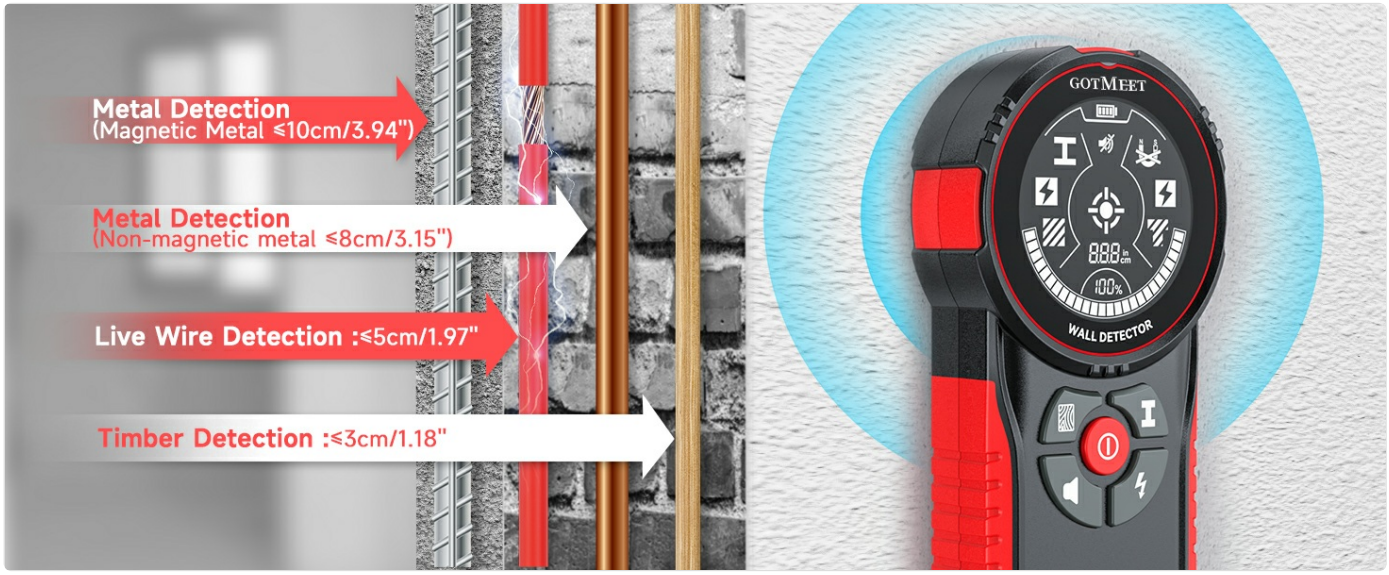


Image: A visual guide demonstrating the four steps for operating the GOTMEET NF-G5102 Stud Finder, from powering on to detecting objects.

Wood Detection Mode:

This mode is used to locate wood studs and joists behind drywall. The device can detect wood up to 1.18 inches (30mm) deep.

1. Select the Wood Detection mode (icon resembling wood grain).
2. Place the device flat against the wall and move it horizontally.
3. When a wood stud is detected, the signal strength bar will increase, and the center-positioning icon will appear when the device is directly over the center of the stud.

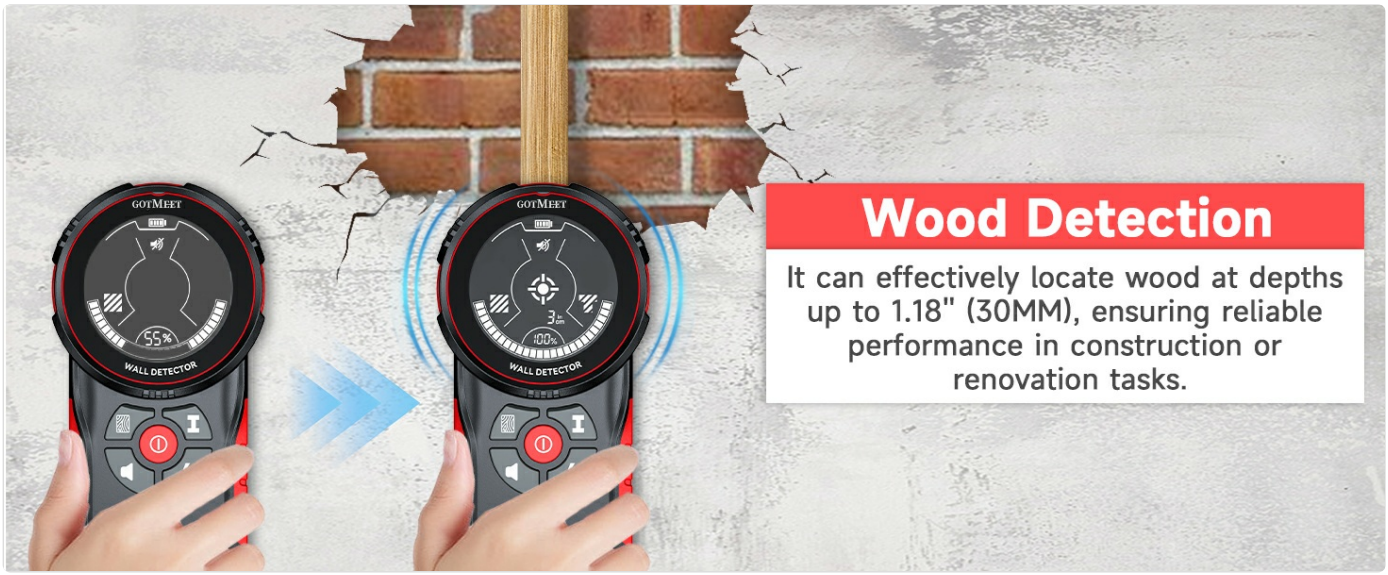


Image: The GOTMEET NF-G5102 Stud Finder detecting a wood stud behind a wall, showing the display indicators for wood detection.

Metal Detection Mode:

Use this mode to find magnetic and non-magnetic metals, such as rebar, pipes, or metal studs. It can detect magnetic metal up to 3.94 inches (100mm) and non-magnetic metal up to 3.15 inches (80mm).

1. Select the Metal Detection mode (icon resembling a metal beam).
2. Scan the wall surface slowly.
3. The display will indicate the presence of metal and its approximate depth. The center-positioning icon will guide you to the object's center.



Image: The GOTMEET NF-G5102 Stud Finder detecting metal rebar within a wall, with the display showing metal detection indicators.

Live AC Wire Detection Mode:

This mode is crucial for safety, detecting live AC wires up to 1.97 inches (50mm) deep. Always exercise caution when working near detected live wires.

1. Select the Live AC Wire Detection mode (lightning bolt icon).
2. Move the scanner across the wall.
3. An audio alarm and visual indicators on the display will alert you to the presence of live electrical wiring.



Image: The GOTMEET NF-G5102 Stud Finder detecting a live AC wire behind a wall, with the display showing the live wire indicator and signal strength.

Your browser does not support the video tag.

Video: Official product video demonstrating the unboxing, setup, and various detection modes (wood, metal, live AC wire) of the GOTMEET NF-

Maintenance

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, ensure the battery is partially charged (around 50%). Recharge periodically to maintain battery health.

Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device using the USB-C cable.
Inaccurate readings or false positives.	Strong magnetic or electric field interference. Building materials containing metal components (e.g., conductive carpets, wallpaper). Surface material conductivity/moisture content. High air temperature.	Move away from potential interference sources. Ensure the scanning surface is dry and free from conductive coverings. Re-calibrate the device in a clear area.
No detection in a specific mode.	Incorrect mode selected or object is beyond detection depth.	Ensure the correct detection mode is selected. Verify the object is within the specified detection depth for the mode.

Specifications

Feature	Detail
Model Number	NF-G5102
Brand	GOTMEET
Material	Acrylonitrile Butadiene Styrene
Power Source	Battery Powered (Rechargeable)
Battery Type	Li-ion 390mAh
Charging Port	Type-C
Display Type	HD LCD
Item Weight	5.44 ounces
Wood Detection Depth	Up to 1.18 inches (30mm)
Magnetic Metal Detection Depth	Up to 3.94 inches (100mm)
Non-Magnetic Metal Detection Depth	Up to 3.15 inches (80mm)
Live AC Wire Detection Depth	Up to 1.97 inches (50mm)

Feature	Detail
Storage Temperature	-10°C to 60°C

Safety Information

Caution: This product detects live AC wires. Always exercise extreme caution when working with electrical components. Disconnect power to the area before drilling or cutting into walls where live wires are suspected.

- Do not rely solely on the device for safety. Always use other safety measures and consult with a qualified professional when necessary.
- Keep the device away from water and excessive moisture.
- Do not attempt to open or modify the device.

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official GOTMEET website. Keep your purchase receipt as proof of purchase.

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Details

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