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## Huepar S120G-BT

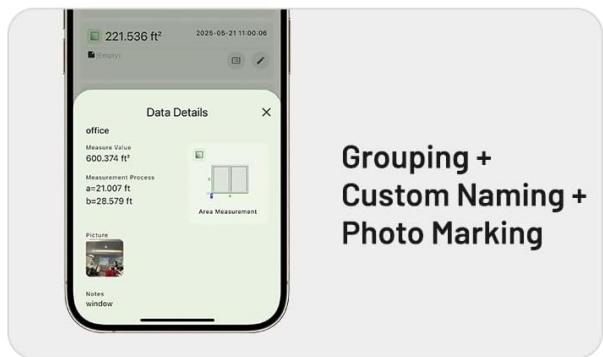
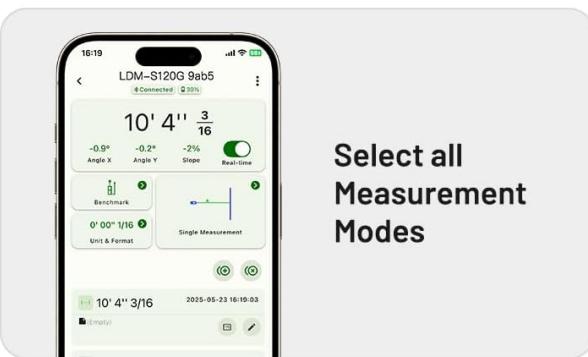
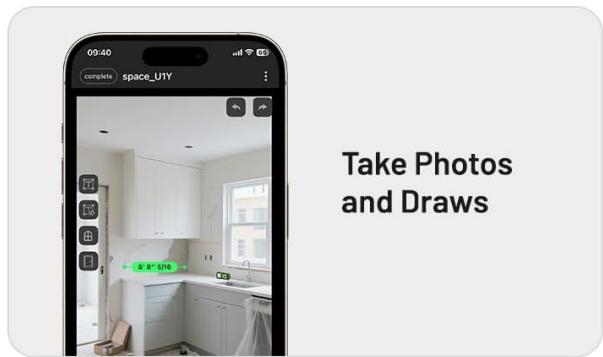
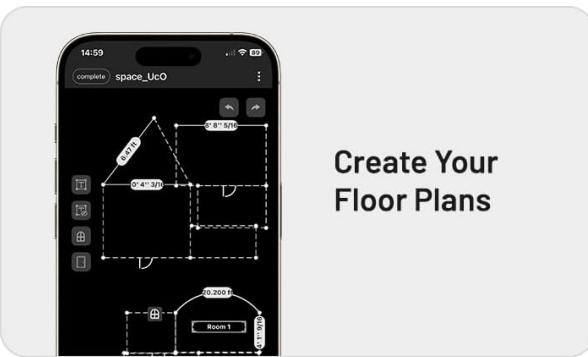
# Huepar S120G-BT 395FT Green Laser Distance Measure User Manual

Brand: Huepar | Model: S120G-BT

## 1. INTRODUCTION

Thank you for choosing the Huepar S120G-BT 395FT Bluetoothed Green Laser Distance Measure. This device is designed for precise and efficient distance measurement, featuring advanced green beam laser technology, an angle sensor, and smart app control. It is suitable for a wide range of applications from home renovation to professional construction projects. Please read this manual carefully before use to ensure safe and optimal operation.

# Smart APP Integration



Huepar

Free Huepar APP

Image 1: Huepar S120G-BT Laser Distance Measure. This image shows the device from the front, highlighting its display and control buttons.

## 2. SAFETY INFORMATION

This device utilizes a Class 2 laser product. Adhere to all safety instructions to prevent injury or damage.

- **Laser Safety:** Do not stare directly into the laser beam. Avoid directing the laser beam at people or animals.
- **Battery Safety:** Use only specified rechargeable NiMH batteries or compatible AA batteries. Do not mix old and new batteries. Do not dispose of batteries in fire.
- **Operating Environment:** Do not operate the device in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Maintenance:** Do not attempt to disassemble or modify the device. Repairs should only be performed by authorized service personnel.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1X Huepar S120G-BT Laser Distance Measuring Tool
- 1X Hand Strap

- 1X USB-C Charging Cable
- 2X Rechargeable 1200mAh Capacity NiMH Batteries
- 1X User Manual

Video 1: How to use this professional laser distance measure. This video provides a comprehensive guide on the usage of the Huepar laser distance measure, including unboxing and basic functions.

## 4. SETUP

### 4.1 Battery Installation & Charging

The device comes with 2 rechargeable 1200mAh NiMH batteries. It can also be powered by AA batteries (not included) or charged directly via USB-C without batteries.

1. Slide back the battery cover located at the rear of the device.
2. Insert the 2 rechargeable NiMH batteries, ensuring correct polarity.
3. Close the battery cover securely.
4. To charge, connect the USB-C charging cable to the device's port and a power source. The charging indicator will show the status.

## Multiple Measuring Modes

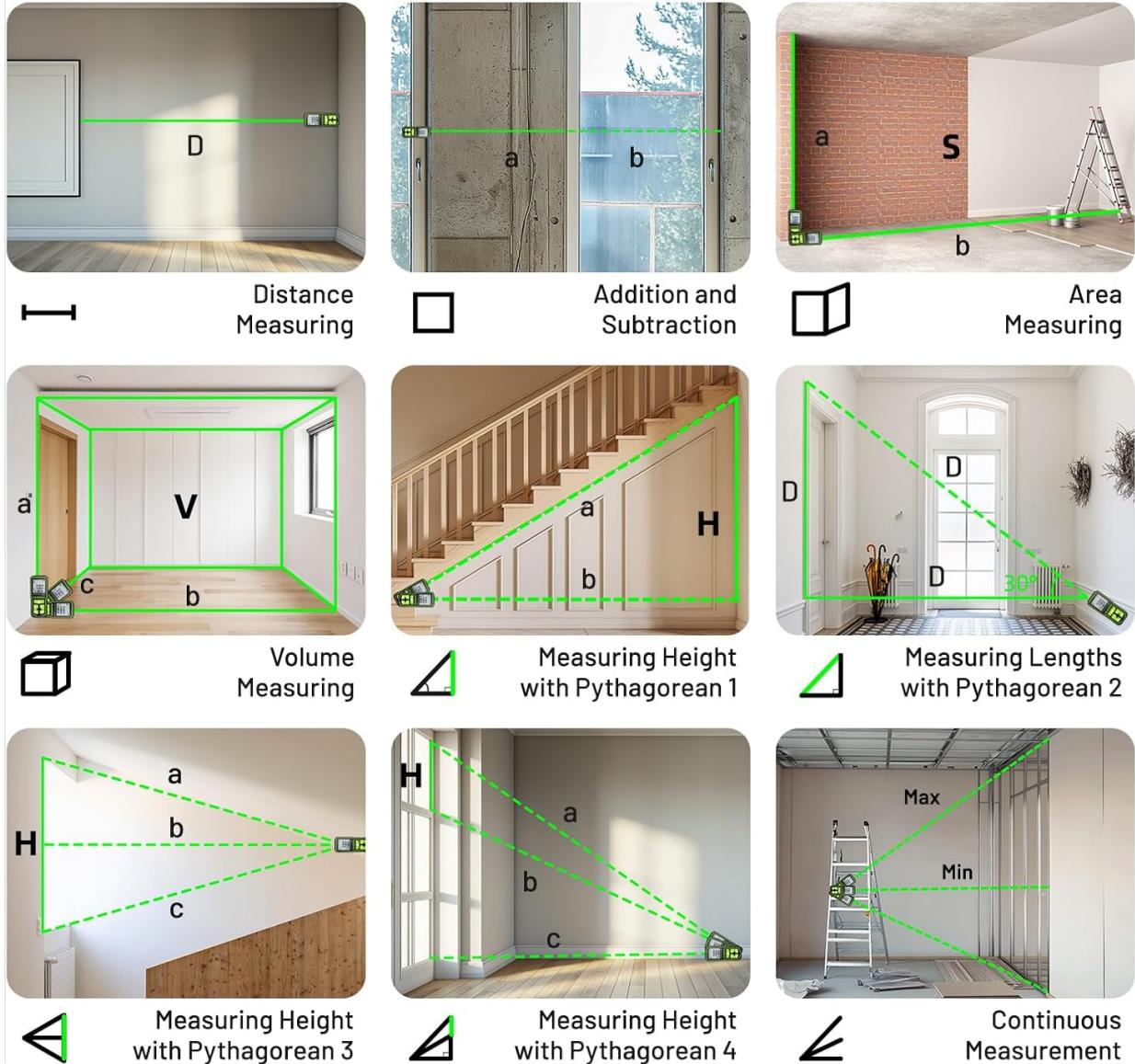


Image 2: 3 Power Methods. This image illustrates the different power options: rechargeable Ni-Mh batteries, Type-C port for direct charging, and compatibility with AA batteries.

## 4.2 Smart APP Control & Connection

Enhance your measuring experience with the Huepar APP. Sync data, create floor plans, add annotated photos, and draw sketches directly from your phone.

1. Download the Huepar APP from Google Play Store or Apple App Store.
2. Enable Bluetooth on your smartphone.
3. Turn on the Huepar S120G-BT Laser Distance Measure.
4. Open the Huepar APP and grant all necessary permissions (location, local network, Bluetooth, home data).
5. In the APP, tap 'Add Device' and select the S120G-BT from the list of detected devices.
6. Once successfully paired, measurement results will sync automatically to your phone.

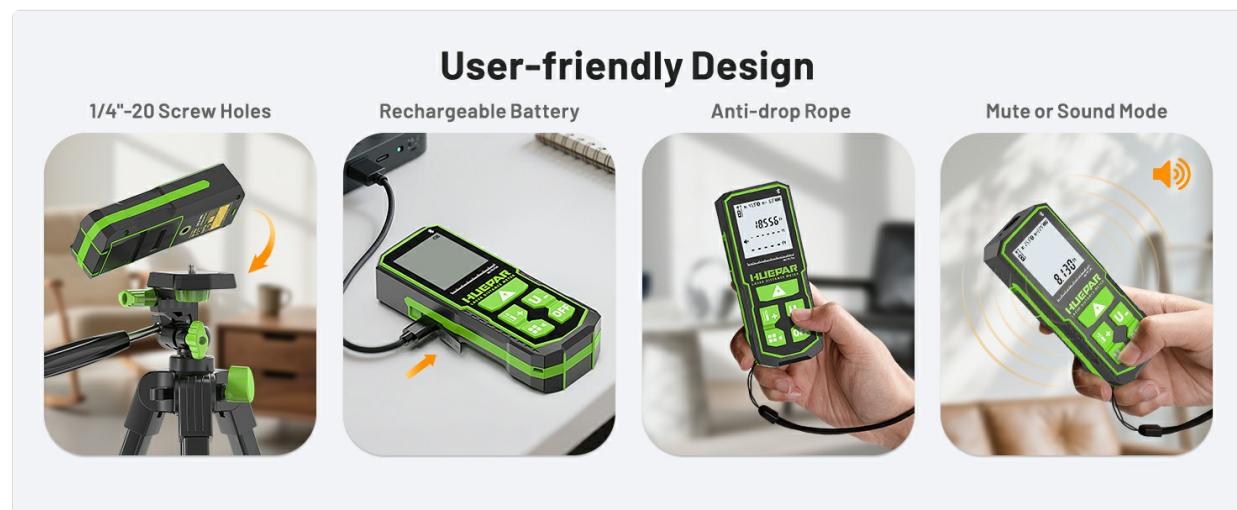


Image 3: Steps to Connect to Your Phone. This image provides a visual guide for connecting the device to the Huepar mobile application via Bluetooth.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

- **Power On:** Long press the 'MEAS' button to turn on the device.
- **Power Off:** Long press the 'CLEAR/OFF' button to turn off the device. The device also features auto shut-off after 180s of no operation to save power.

### 5.2 Unit Setting

The device supports multiple units of measurement (m/ft/in/ft+in).

- **Switch Units:** Long press the 'U' button to cycle through the available measurement units.

### 5.3 Reference Points

Measurements can be taken from the front, middle, or rear of the device.

- **Change Reference Point:** Long press the 'Benchmark' button to switch between front, middle (tripod), and rear reference points.

# IP54 Waterproof and Dustproof



Image 4: Accuracy and 3 Reference Points. This image demonstrates the device's accuracy and the ability to measure from different reference points (front, middle, rear).

## 5.4 Measurement Modes

The S120G-BT supports various measurement modes including distance, angle, area, volume, and 4 Pythagorean modes. It also features continuous measurement, addition & subtraction, and automatic area/volume calculation.

- **Select Mode:** Short press the 'Function' button to cycle through the different measurement modes.
- **Perform Measurement:** Once a mode is selected, press the 'MEAS' button to initiate the measurement. Follow on-screen prompts for multi-step measurements (e.g., for area or volume).

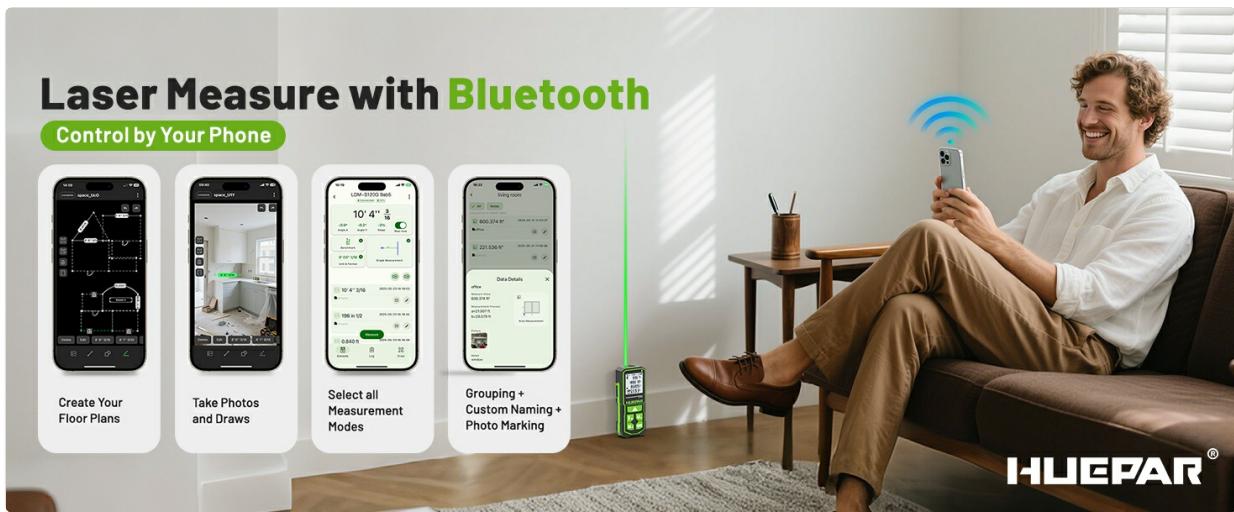


Image 5: Multiple Measuring Modes. This image displays various measurement modes available, including distance, area, volume, and Pythagorean calculations.

## 5.5 Angle Sensor

The integrated angle sensor provides real-time angle display for precise leveling and alignment tasks.

- **Digital Angle Display:** The device automatically displays X and Y axis angles on the screen.

## 5.6 Data History

The device stores up to 30 groups of measurement data.

- **View History:** Short press the 'History' button to access stored measurements.

## 6. MAINTENANCE

### 6.1 Care and Cleaning

- Clean the device with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the laser lenses clean and free from dust or debris to ensure accurate measurements.
- Store the device in a dry, cool place when not in use.

### 6.2 Durability

The Huepar S120G-BT features an IP54 dust- and water-resistant design with a TPE rubberized housing for secure grip, scratch resistance, and durability.

# Smart Bluetooth Connect

Measure data with your phone



Image 6: IP54 Waterproof and Dustproof. This image highlights the device's resistance to dust and water, ensuring durability in various working conditions.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery or no battery	Charge batteries or replace with fresh AA batteries.
Inaccurate measurements	Dirty laser lens, incorrect reference point, or unstable surface	Clean the lens, verify the reference point, ensure a stable measuring surface.
Bluetooth connection failure	Bluetooth off, app permissions denied, or device out of range	Ensure Bluetooth is on, grant app permissions, move closer to the device.
Laser beam not visible	Bright ambient light or long distance	Use in lower light conditions or use a laser target plate for better visibility.

## 8. SPECIFICATIONS

Feature	Detail
Accuracy	±1/16-inch
Laser Class	Class 2, 490–560nm, <1mW
Measurement Range	Up to 395FT/120M
Power Options	2x 1200mAh NiMH rechargeable batteries (included), USB-C direct charging, compatible with AA batteries
Auto Shut-off	180s of no operation
IP Rating	IP54 (dust- & water-resistant)
Data Storage	Up to 30 groups
Material	Acrylonitrile Butadiene Styrene, TPE
Item Weight	109 g

## 9. WARRANTY & SUPPORT

This Huepar laser measuring tool comes with a 2-year quality assurance. Free repair or replacement is provided if the product is faulty.

- **Customer Service:** Huepar is committed to providing best-in-class service to our customers. Our 24/7 Service Team aims for a response within 24 hours and a solution within 48 hours.
- **Technical Support:** Lifetime Technical Support is available.
- **Maintenance:** Worldwide Maintenance Centers ensure your product can be repaired or replaced faster.