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› HOZO MEAZOR 3D Laser Measurement Tool User Manual

HOZO MEAZOR 3D

HOZO MEAZOR 3D Laser Measurement Tool User Manual

Your comprehensive guide to operating and maintaining your MEAZOR 3D device.

1. INTRODUCTION

The HOZO MEAZOR 3D is a compact, multifunctional laser measurement tool designed for precision and versatility. It integrates six core features, including advanced 3D floor plan scanning, to assist with a wide range of measuring tasks. Its durable aluminum-alloy frame and intuitive design make it suitable for both professional and everyday use. This manual provides detailed instructions on setting up, operating, and maintaining your MEAZOR 3D device to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Please verify that all the following components are included in your package:

- MEAZOR 3D Device
- Mini Tripod
- Ultra 3D Adapter
- Target Plate (x2)
- Type-C Cable



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Image: All components included with the HOZO MEAZOR 3D device.

3. KEY FEATURES

The MEAZOR 3D offers a comprehensive suite of features to enhance your measurement capabilities:

- **Multifunctionality:** Integrates 6 core features including Floor Plan Scanning, Scale/Rolling Ruler, Laser Distance Measure, Curve Measurer, Bubble Level, and Protractor.
- **3D Floor Plan Scanning:** Instantly captures room diagrams and transfers them to the MEAZOR App, supporting 3D Displacement and 3D tilt functions.
- **High Accuracy:** Provides reliable measurements up to 40 meters (131 feet) with less than 1/16 inch error limits.
- **Durability:** Features a 184 PPI tempered glass touch screen and 4096 grade magnetic encoder for robust performance.
- **Long Battery Life:** 650mAh battery supports up to 30 days of wireless use on a 2-hour USB-C fast charge.

- **Free Companion App:** Connects via Bluetooth to a smartphone app (available in 7 languages) for importing designs, drawing, editing plans, sharing, and exporting CAD files. Includes space and dimension calculation.

MEAZOR 3D

Instant Floorplanning

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Image: The MEAZOR 3D device demonstrating its instant floor planning capability with the companion app.

4. SETUP GUIDE

4.1 Initial Charging

Before first use, fully charge your MEAZOR 3D device using the provided Type-C cable. Connect the cable to the device's USB-C port and a compatible USB power adapter (not included). A full charge takes approximately 2 hours.

4.2 App Installation and Connection

1. Download the official MEAZOR App from your smartphone's app store (iOS or Android).
2. Ensure Bluetooth is enabled on your smartphone.
3. Turn on the MEAZOR 3D device.

4. Open the MEAZOR App and follow the on-screen instructions to pair your device via Bluetooth.



Image: The MEAZOR 3D device wirelessly connected to a smartphone running the MEAZOR application.

4.3 Assembling the Tripod and Adapter

For stable and precise measurements, especially for 3D scanning, attach the MEAZOR 3D to the mini tripod using the Ultra 3D Adapter.

1. Screw the Ultra 3D Adapter onto the mini tripod.
2. Securely attach the MEAZOR 3D device to the Ultra 3D Adapter.



Image: The MEAZOR 3D device fully assembled on its mini tripod, ready for use.

5. OPERATING INSTRUCTIONS

5.1 Basic Laser Distance Measurement

To take a simple distance measurement:

1. Point the MEAZOR 3D's laser at the target surface.
2. Press the main measurement button. The distance will be displayed on the device's screen.
3. Measurements can be automatically synced to the connected MEAZOR App.

5.2 3D Floor Plan Scanning

The 3D floor plan scanning feature allows you to quickly map out a room:

1. Ensure the device is securely mounted on the tripod and connected to the app.

2. Select the 'Floor Plan Scan' mode in the MEAZOR App.
3. Follow the app's instructions to scan the room by rotating the device. The app will automatically detect and map the room's edges.
4. The generated floor plan will appear in the app, where you can edit, add details, and export.



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Image: The MEAZOR 3D in action, performing a floor plan scan and displaying the results on the connected smartphone.

5.3 Other Measurement Modes

The MEAZOR 3D offers additional modes accessible via the device interface or the companion app:

- **Scale/Rolling Ruler:** Use the rolling function for continuous measurements and scale conversions.
- **Curve Measurer:** Trace curved surfaces to measure their length.
- **Bubble Level:** Utilize the integrated digital level for accurate leveling.
- **Protractor:** Measure angles with precision.



Image: A user making an adjustment to the MEAZOR 3D device, highlighting its ergonomic design.

6. MAINTENANCE

Proper care and maintenance will ensure the longevity and accuracy of your MEAZOR 3D device:

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents. For the screen, a microfiber cloth is recommended.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the battery frequently. If storing for extended periods, charge the device to about 50% every few months.
- **Protection:** While durable, avoid dropping the device or subjecting it to strong impacts.

7. TROUBLESHOOTING

If you encounter issues with your MEAZOR 3D, please refer to the following common solutions:

- **Device Not Turning On:** Ensure the device is fully charged. Connect it to the Type-C cable and a power source.
- **App Crashing or Not Connecting:**
 - Ensure Bluetooth is enabled on your phone and the MEAZOR 3D is within range.
 - Restart both the MEAZOR 3D device and your smartphone.
 - Update the MEAZOR App to the latest version from your app store.
 - Clear the app's cache or reinstall the app if issues persist.
- **Inaccurate Measurements:**
 - Ensure the laser is pointed directly at a flat, non-reflective surface.
 - Verify that the device is stable and not moving during measurement.
 - Check for any obstructions between the device and the target.
 - Perform a calibration if available in the app settings.
- **Screen Frozen:** Try restarting the device by holding down the power button until it turns off, then turn it back on.

If these steps do not resolve your issue, please contact HOZO Design customer support for further assistance.

8. TECHNICAL SPECIFICATIONS

Specification	Detail
Product Dimensions	5.99 x 2.01 x 10.01 cm
Item Weight	530 g
Laser Distance Range	Up to 40 meters (131 feet)
Accuracy	Less than 1/16 inch error limits
Battery Type	650mAh (rechargeable via USB-C)
Connectivity	Bluetooth
Manufacturer	GuangZhou HouZuo Technology co.,Limited
Country of Origin	China

9. WARRANTY AND SUPPORT

9.1 Limited Consumer Warranty

HOZO Design provides a One-year Limited Consumer Warranty that covers your MEAZOR 3D product against manufacturing defects for one year from the date of purchase. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact HOZO Design customer service. Refer to the product packaging or the official HOZO website for the most current contact information.