

[Manuals.plus](#) /

› [Inkerma](#) /

› Dual Laser Measurement Tool - User Manual

Inkerma RS-525

Dual Laser Measurement Tool - User Manual

Brand: Inkerma | Model: RS-525

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Inkerma Dual Laser Measurement Tool. Please read this manual thoroughly before use to ensure optimal performance and longevity of the device. The Inkerma RS-525 is a versatile bilateral laser distance meter designed for precise and reliable measurements in various applications, offering dual measurement capabilities, multiple modes, and user-friendly operation.

WHAT'S IN THE BOX

- Inkerma RS-525 Laser Distance Meter (with rechargeable lithium battery)
- Hand Strap
- Type-C Charging Cable
- User Manual
- Convenient Carrying Bag



RS-525

BILATERAL LASER DISTANCE METER

Image: All components included in the Inkerma RS-525 package, neatly arranged on a white surface.

SETUP

1. **Initial Charge:** Before first use, fully charge the device using the provided Type-C charging cable. Connect the cable to the device's charging port and a compatible USB power source. The battery indicator on the display will show charging status.
2. **Attach Hand Strap:** Securely attach the hand strap to the designated loop on the device to prevent accidental

drops.

3. **Power On:** Press the **MEAS** button to power on the device. The display will illuminate.
4. **Understand the Display:** Familiarize yourself with the LCD display, which shows measurement readings, battery status, measurement mode, and angle information.



Image: The Inkerma RS-525 device showing its illuminated display with measurement readings and angle.

KEY FEATURES

- **Dual Measurement for Maximum Efficiency:** The tool captures measurements in two directions simultaneously, allowing multiple points to be measured from a single position. This feature significantly saves time and minimizes movement during tasks.
- **Built-in Tilt Angle Feature:** Effortlessly measure angles from different orientations with the integrated tilt angle sensor.
- **Precise and Reliable:** With a measuring range of up to 525ft (160m) and an accuracy within 2mm, this device provides dependable results. It supports multi-benchmark measurements for stable performance.
- **Rechargeable Lithium Battery:** The 1000mAh Li-ion battery allows for over 5000 measurements on a single charge, ideal for extended work sessions.
- **Data Storage:** Store up to 100 sets of data for easy tracking and review of past measurements.

HIGH EFFICIENT & CONVENIENT WORK



DUAL LASER



**±2MM
ACCURACY**



**525FT / 160M
MEASUREMENT RANGE**

Image: A man using the Inkerma tool, highlighting its high efficiency and convenient work capabilities with dual laser and 525ft range.

ANGLE SENSOR

DISPLAYING REAL-TIME ANGLE CHANGES



Image: The device's angle sensor displaying real-time angle changes, indicating its ability to measure 0-90 degree angles.

RECHARGEABLE

LI-ION BATTERY



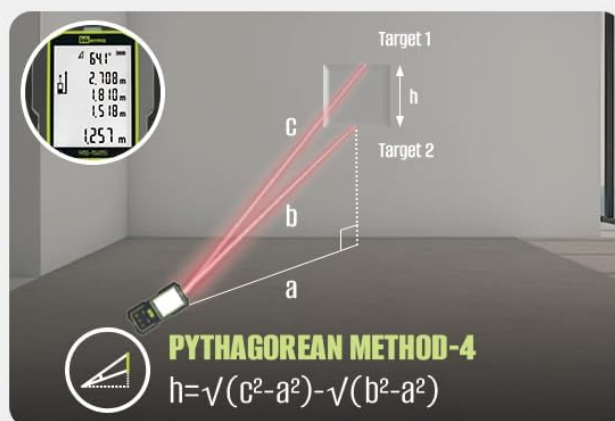
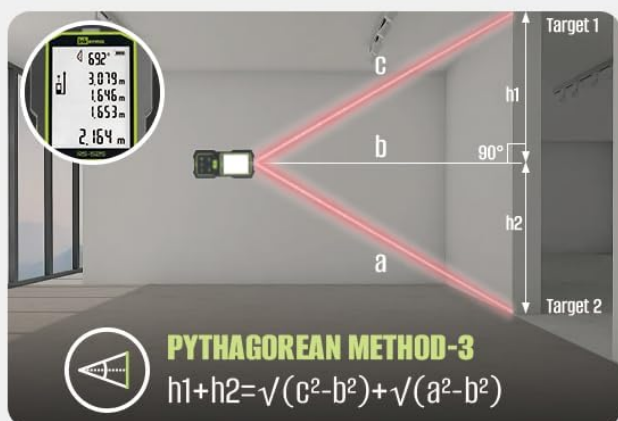
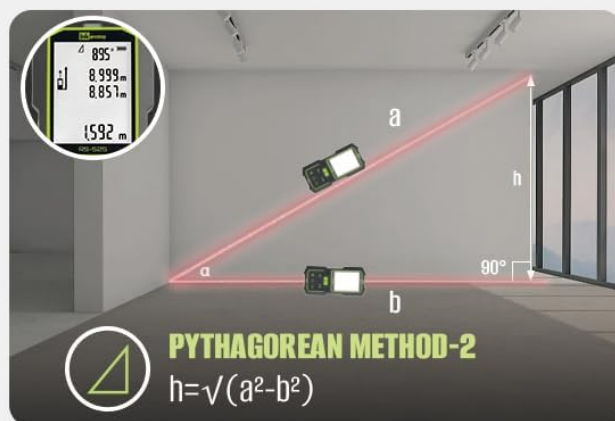
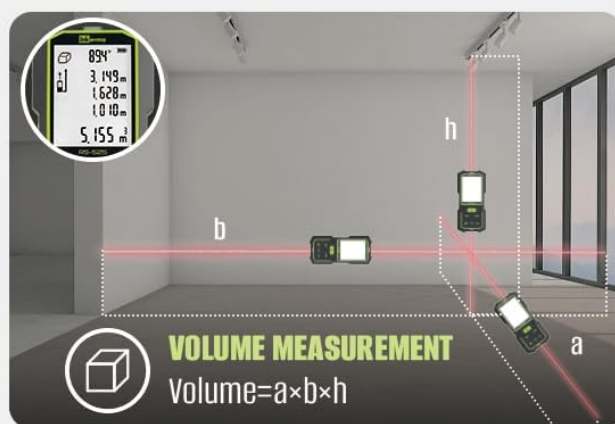
>5000
MEASUREMENTS

TYPE-C
FAST CHARGING

1000mAh
LI-ION BATTERY



Image: Multiple screens showing 100 sets of data storage, emphasizing the ability to keep track of work.



BILATERAL LASER DISTANCE METER MULTIPLE MEASURING MODES

Image: The device connected to a Type-C charging cable, illustrating its rechargeable Li-ion battery and fast charging capability.

OPERATING MODES

The Inkerma RS-525 offers a variety of measurement modes to suit different needs. Use the mode selection button to cycle through the available options.

- **Continuous Measurement:** Provides real-time distance updates as you move the device, useful for tracking

changes or finding minimum/maximum distances.

- **Area Measurement:** Calculate the area of a space by taking two measurements (length and width). The device automatically computes the area.
- **Volume Measurement:** Determine the volume of a room by taking three measurements (length, width, and height). The device calculates the volume automatically.
- **Pythagorean Theorem (Indirect Height/Width):** Use this mode for indirect measurements where direct access is not possible. The device can calculate height or width based on two or three other measurements, forming a right-angle triangle.
- **Angle Measurement:** Utilize the built-in angle sensor to measure angles accurately.
- **Unit Conversion:** Easily switch between different units of measurement (meters, feet, inches) with a dedicated button.

100 SETS OF DATA STORAGE



**ALWAYS KEEP
TRACK OF YOUR WORK**

Image: Visual representation of Area Measurement, Volume Measurement, and four different Pythagorean methods for indirect measurements.

SPECIFICATIONS

Attribute	Value
Brand	Inkerma

Model Number	RS-525
Measuring Range	525 feet (160m)
Accuracy	±2mm
Laser Class	Class II (Less than 1mW power output)
Battery Type	Lithium-Ion (1000mAh)
Battery Life	>5000 measurements per charge
Charging Port	Type-C
Material	Plastic
Color	Green
Item Weight	10.5 ounces
International Protection Rating	IP54

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents. Ensure the laser lenses are clean for accurate readings.
- **Storage:** Store the device in its carrying bag in a cool, dry place when not in use. Avoid extreme temperatures and direct sunlight.
- **Battery Care:** Recharge the battery regularly, even if the device is not used frequently, to maintain battery health. Avoid fully discharging the battery for extended periods.

TROUBLESHOOTING

- **No Laser Beam:**
 - Check battery level and recharge if necessary.
 - Ensure the device is powered on.
 - Verify that the laser emission window is not obstructed.
- **Inaccurate Readings:**
 - Ensure the target surface is flat and reflective enough.
 - Clean the laser lenses.
 - Avoid measuring through transparent materials like glass.
 - Ensure the device is stable and not moving during measurement.
- **Device Not Powering On:**
 - Charge the battery fully.
 - Ensure the power button is pressed firmly.

WARRANTY INFORMATION

The Inkerma Dual Laser Measurement Tool comes with a**3-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the included User Manual or contact customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or support needs, please utilize our all-day online support. Our team is always here to assist you with any inquiries regarding your Inkerma Dual Laser Measurement Tool.



Image: Graphic indicating 24/7 online support availability.

© 2025 Inkerma. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question