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KLEIN TOOLS 93LDM100C

Klein Tools 93LDM100C Laser Distance Measure 100-Foot User Manual

Model: 93LDM100C

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Klein Tools 93LDM100C Laser Distance Measure. Please read these instructions thoroughly before using the device and retain them for future reference.

The Klein Tools 93LDM100C is a compact laser distance measure designed for fast and accurate measurements up to 100 feet (30.5 meters). It features a highly visible reverse contrast LCD and a simple one-button operation for various measurement tasks.



Image 1.1: Klein Tools 93LDM100C Laser Distance Measure. This image shows the front view of the orange and black device with its digital display.

2. SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Read and understand all instructions.

- Do not stare directly into the laser beam.

- Do not aim the laser beam at people or animals.
- Use the device only for its intended purpose as described in this manual.
- Keep the device out of reach of children.
- Do not attempt to modify or disassemble the device.

3. PRODUCT FEATURES

The Klein Tools 93LDM100C Laser Distance Measure offers the following key features:

- **Accurate Measurement:** Measures distances from 2 inches (5.1 cm) up to 100 feet (30.5 m). Accuracy is $\pm 1/16$ -inch (0.2 cm) for the first 30 feet and $\pm 1/8$ -inch (0.3 cm) up to 100 feet.
- **High Visibility Display:** Reverse contrast LCD for clear reading in various lighting conditions.
- **Portable Design:** Compact size with a pocket clip for easy carrying.
- **Simple Operation:** Single-button control for all functions.
- **Measurement Modes:** Supports single-distance and continuous measurement.
- **Memory Function:** Automatically saves the last two measurements for quick comparison.
- **Flexible Units:** Easily switch between inches, feet and inches, and meters.



Image 3.1: Key features of the Klein Tools 93LDM100C. This image highlights the single multifunctional button, the reverse

contrast LCD screen displaying three measurements, and the laser automatically shutting off after 30 seconds.

4. SETUP

4.1 Battery Installation

The Klein Tools 93LDM100C requires batteries for operation. Ensure the device is powered off before installing or replacing batteries.

1. Locate the battery compartment cover on the device.
2. Open the cover.
3. Insert the required alkaline batteries, observing the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on the device, press the single button. The display will illuminate.
- To power off the device, press and hold the button for approximately 2 seconds. The device will also automatically power off after a period of inactivity to conserve battery life.

5.2 Basic Single Measurement

1. Power on the device.
2. Point the laser beam at the target surface.
3. Press the button once. The laser will activate, and the measurement will be displayed on the screen.
4. The measurement will be saved, and the previous two measurements will also be visible on the display.



Image 5.1: The laser distance measure in use, projecting a red laser line across a countertop. A person is shown writing down measurements in a notebook.

5.3 Continuous Measurement (Tracking)

1. Power on the device.
2. Press and hold the button for approximately 1 second until the continuous measurement icon appears on the display.
3. Move the device slowly towards or away from the target. The display will update in real-time, showing the current distance.
4. To stop continuous measurement, press the button again. The last displayed measurement will be held.

5.4 Switching Measurement Units

To cycle through available measurement units (inches, feet and inches, meters), quickly double-press the button while the device is powered on and not actively measuring. The unit displayed on the screen will change with each double-press.

5.5 Measurement Reference Point

The device can measure from either its front or its back edge. To switch the reference point, quickly triple-press the button. An icon on the display will indicate whether the measurement is taken from the front or the back of the device.

MEASURE FROM THE FRONT OR BACK OF THE DEVICE FOR MORE ACCURATE READINGS

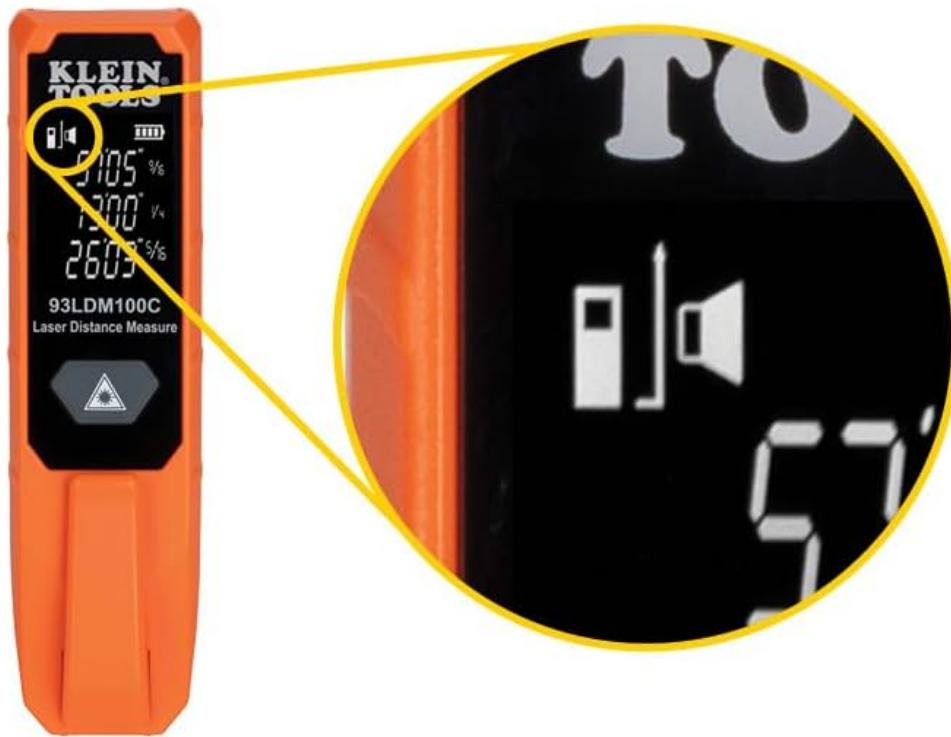


Image 5.2: The device display showing an icon indicating the measurement reference point. This feature allows for more accurate readings by selecting whether the measurement originates from the front or back of the tool.

6. MAINTENANCE

- Cleaning:** Use a soft, damp cloth to clean the device. Do not use abrasive cleaners or solvents.
- Storage:** Store the device in a dry, cool place away from direct sunlight. If storing for extended periods, remove the batteries to prevent leakage.
- Battery Replacement:** Replace batteries when the low battery indicator appears on the display.
- Laser Lens:** Keep the laser emission and reception lenses clean to ensure accurate measurements. Use a soft, lint-free cloth.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly installed batteries.	Check battery polarity or replace batteries.
Inaccurate measurements.	Dirty laser lens, unstable surface, or incorrect reference point.	Clean laser lens, ensure stable measurement, verify reference point setting.
Laser beam not visible.	Bright ambient light or laser malfunction.	Move to a less brightly lit area. If problem persists, contact support.
Display shows error code.	Measurement out of range or internal error.	Ensure target is within 2 inches to 100 feet. Restart device. If error persists, contact support.

8. SPECIFICATIONS

Specification	Detail
Brand	KLEIN TOOLS
Model Name	93LDM100C
Measuring Range	2 inches to 100 feet (5.1 cm to 30.5 m)
Accuracy	±1/16-inch (0.2 cm) for first 30 feet; ±1/8-inch (0.3 cm) up to 100 feet
Battery Type	Alkaline (Included)
Item Weight	65 Grams
Product Dimensions (LxWxH)	4.7" x 1.13" x 1.26" (11.9 cm x 2.9 cm x 3.2 cm)
Material	PC/ABS; Silicone Rubber
International Protection Rating	IP54 (Water Resistant)
UPC	092644930065

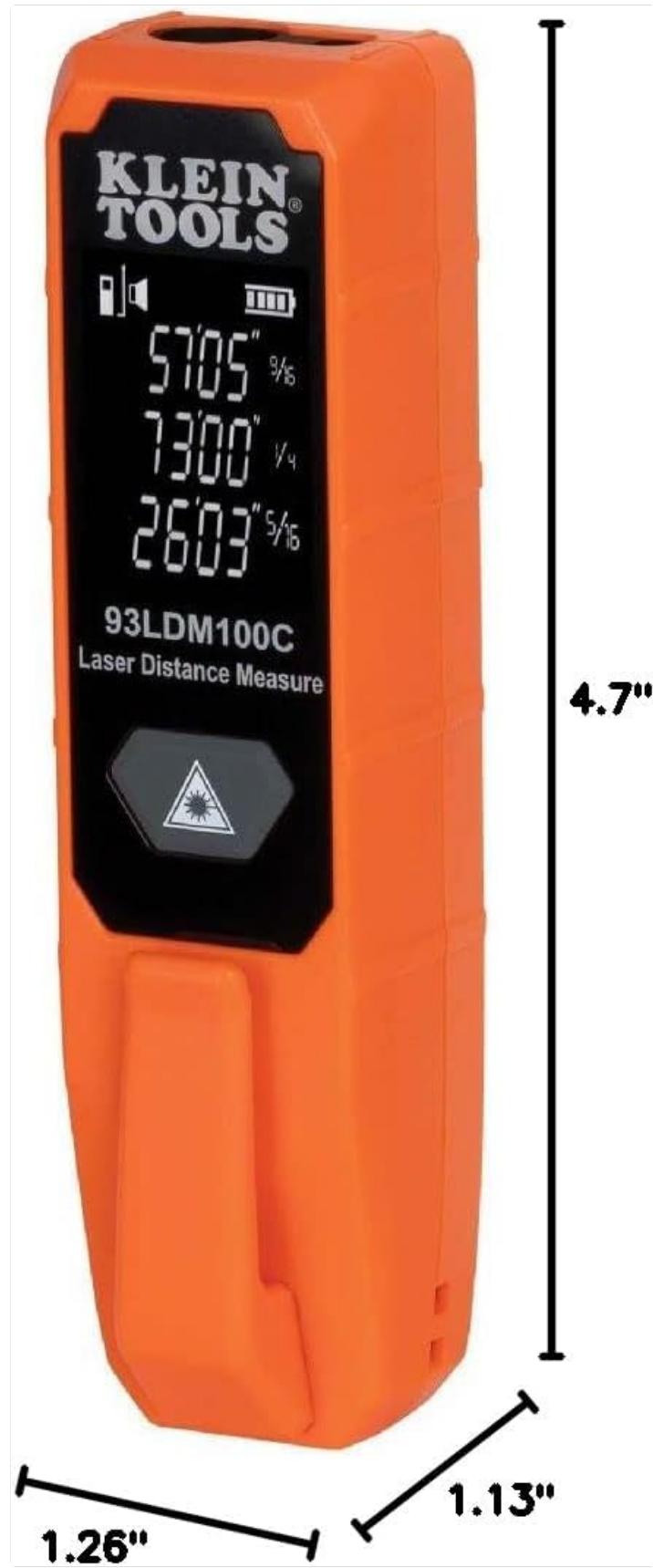


Image 8.1: Diagram showing the dimensions of the Klein Tools 93LDM100C Laser Distance Measure: 4.7 inches in length, 1.13 inches in width, and 1.26 inches in height.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the official Klein Tools website:

[Klein Tools Official Website](http://www.klein-tools.com)

For technical support or further assistance, please contact Klein Tools customer service:

- **Website:** www.kleintools.com/contact
- **Phone:** Refer to the contact section on the official website for regional phone numbers.

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Related Documents - 93LDM100C

 <p>Find Quality Products Online at www.globaltestsupply.com sales@globaltestsupply.com</p>	<p>Klein Tools 93LDM100C Compact Laser Distance Measure: Instructions and Specifications</p> <p>Comprehensive guide to the Klein Tools 93LDM100C Compact Laser Distance Measure, including general specifications, operating instructions, warnings, and troubleshooting.</p>
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[Klein Tools IR5 Dual-laser Infrared Thermometer Instruction Manual](#)

Official instruction manual for the Klein Tools IR5 Dual-laser Infrared Thermometer. Provides detailed information on features, specifications, operating procedures, maintenance, and safety warnings for professional use.