

Elikliv SW-211R0

Elikliv SW-211R0 Dual Laser Distance Meter User Manual

Model: SW-211R0

1. INTRODUCTION

Thank you for choosing the Elikliv SW-211R0 Dual Laser Distance Meter. This device is designed for precise and efficient measurement of distances, areas, volumes, and angles. It features both unidirectional and bidirectional laser measurement capabilities, making it suitable for a wide range of applications in construction, renovation, and DIY projects. Please read this manual carefully before using the device to ensure safe and optimal operation.

2. SAFETY INFORMATION

WARNING: This is a Class II laser product. Output <1mW. Do not stare directly into the laser beam. Avoid direct eye exposure. Use caution when operating the device.

- Do not attempt to modify or disassemble the device.
- Keep the device out of reach of children.
- Do not use the device in explosive environments or near flammable materials.
- Ensure the device is clean and dry before use.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Elikliv SW-211R0 Dual Laser Distance Meter
- USB Type-C Charging Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

The Elikliv SW-211R0 is a robust and versatile laser distance meter designed for accuracy and ease of use.

Key features include:

- **Dual Laser Measurement:** Enables bidirectional and unidirectional measurements up to 656 feet (200 meters).
- **Multiple Measurement Modes:** Includes distance, area, volume, angle, wall area, and four Pythagorean modes.
- **Backlit LCD Display:** Large, clear display for easy reading in various lighting conditions.
- **Electronic Angle Sensor:** Provides accurate horizontal and vertical alignment.
- **Auto-Rotating Screen:** The display automatically rotates for optimal viewing, with a lock function for stability.
- **Data Storage:** Stores up to 100 sets of measurements.
- **Rechargeable Battery:** Integrated 850mAh Lithium-Ion battery, offering over 5500 measurements per charge, with Type-C fast charging.
- **Durable Design:** Compact, rubberized shell for enhanced grip, anti-slip, anti-vibration, and anti-fall protection.



Image 1: The Elikliv SW-211R0 Dual Laser Distance Meter, showcasing its display and control buttons.



Image 2: The device highlighting its powerful magnetism for secure attachment to metal surfaces and its portable, compact design.

5. SETUP

5.1 Charging the Battery

The device is powered by an internal 850mAh Lithium-Ion battery. Before first use, or when the battery indicator shows low power, charge the device using the provided USB Type-C cable.

1. Connect the Type-C end of the charging cable to the device's charging port.
2. Connect the USB-A end to a standard USB power adapter (not included) or a computer's USB port.
3. The charging indicator on the screen will show the charging status. A full charge takes approximately 1.5 hours.

850MAH LITHIUM-ION BATTERY



Type-C
Fast Charging



8000
Measurements



Image 3: The Elikliv SW-211R0 connected to a Type-C charging cable, illustrating its 850mAh Lithium-Ion battery.

5.2 Powering On/Off

- **To Power On:** Press the **MEAS** button. The display will light up.
- **To Power Off:** Press and hold the **OFF/CLEAR** button for a few seconds. The device will also automatically power off after a period of inactivity to conserve battery.

6. OPERATING INSTRUCTIONS

6.1 Basic Measurement

The SW-211R0 supports both unidirectional and bidirectional measurements.

1. **Select Measurement Mode:** Press the **FUN/RECORD** button to cycle through available measurement modes until the desired mode is displayed.
2. **Position the Device:** Place the device at the starting point of your measurement. For bidirectional measurement, position it between the two points you wish to measure.
3. **Initiate Measurement:** Press the **MEAS** button. The laser will activate, and the measurement will be displayed on the screen.

4. **Clear Measurement:** Press the **OFF/CLEAR** button once to clear the current measurement.

DOUBLE THE LASER, HALF THE TIME

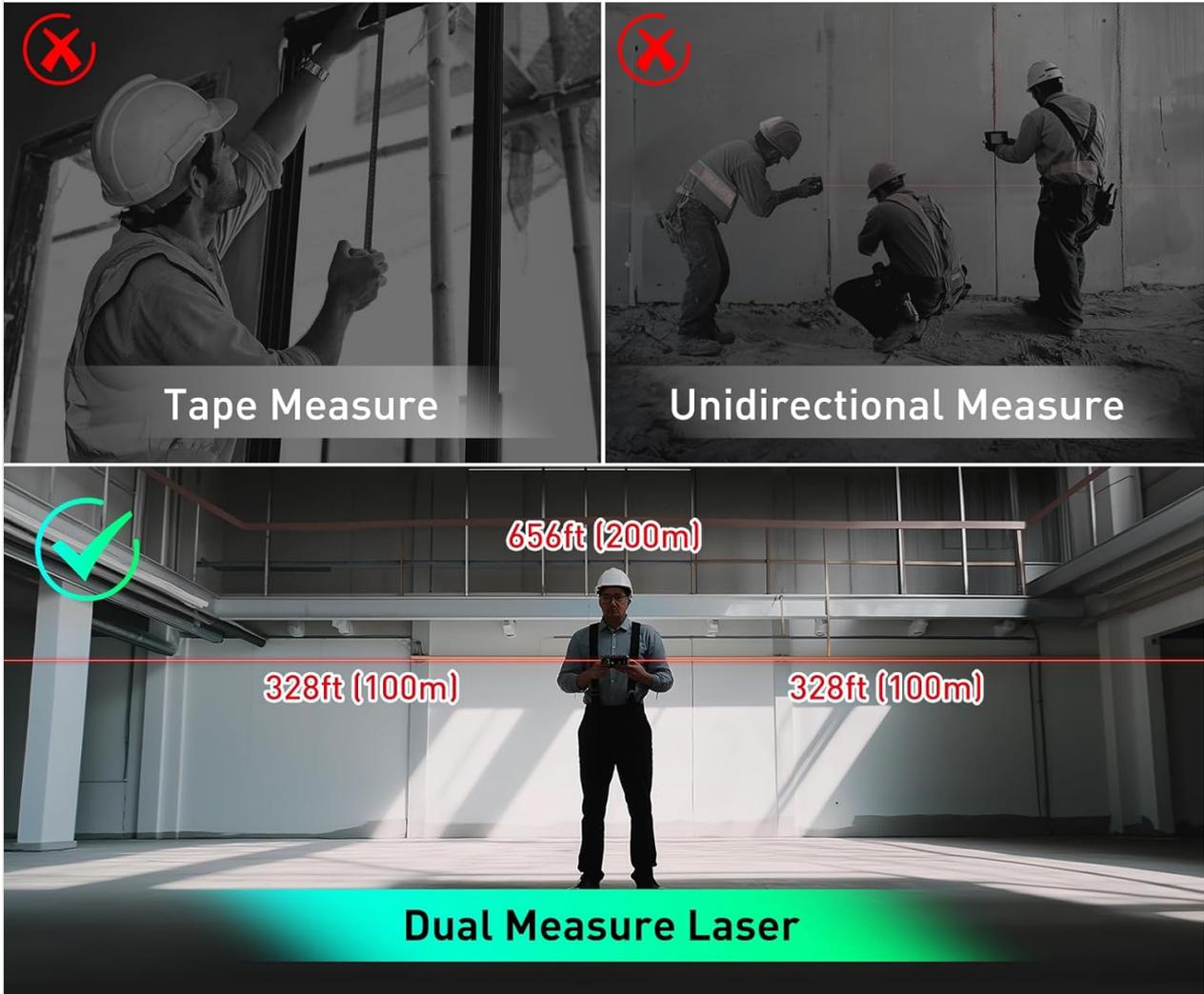


Image 4: Comparison illustrating the efficiency of dual laser measurement compared to traditional tape measures or unidirectional laser meters.



Image 5: Visual representation of the difference between one-way and two-way laser measurement methods.

6.2 Unit Conversion

To change the measurement units (e.g., feet, meters, inches), press and hold the **+/-** button. The unit will cycle through the available options.

6.3 Auto-Rotating Screen

The device features an auto-rotating backlit LCD screen for clear readings in any orientation. To lock the screen orientation, press and hold the **+/-** button while in a measurement mode. Repeat to unlock.

LARGE COLOR BACKLIT SCREEN

Rotatable Screen For Clearer Readings



Image 6: The large color backlit screen demonstrating its auto-rotating capability for clearer readings from different angles.

7. MEASUREMENT MODES

The SW-211R0 offers a variety of measurement functions:

- **Distance Measurement:** Single or continuous measurement of length.
- **Area Measurement:** Calculates the area of a surface after measuring two sides.
- **Volume Measurement:** Calculates the volume of a space after measuring three dimensions.
- **Angle Measurement:** Utilizes the electronic angle sensor for precise angle readings.
- **Wall Area Measurement:** Calculates the total area of multiple walls.
- **Pythagorean Modes (4 types):** For indirect measurement of heights or distances using the Pythagorean theorem.

MULTIPLE MEASUREMENT FUNCTIONS



Image 7: An overview of the various measurement functions available on the Elikliv SW-211R0, including area, volume, wall area, angle, and Pythagorean measurements.

ANGLE INDICATION

Replaces traditional bubbles for more intuitive & faster measurements



Image 8: The device displaying its angle indication feature, which replaces traditional bubble levels for more intuitive measurements.

8. DATA MANAGEMENT

8.1 Storing Measurements

After a measurement is taken, it is automatically stored. The device can store up to 100 sets of measurements.

8.2 Recalling Stored Data

Press the **FUN/RECORD** button repeatedly to cycle through the stored measurements. The display will show the record number and the corresponding measurement.

8.3 Addition and Subtraction

In certain measurement modes, you can add or subtract measurements. Press the **+/-** button to switch between addition and subtraction modes before taking a subsequent measurement.

9. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the device. 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%) and recharge it every few months to maintain battery health.

10. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged. Connect the device to a power source using the Type-C cable.
- **Inaccurate measurements:** Check for obstructions in the laser path. Ensure the target surface is reflective enough. Calibrate the device if necessary (refer to advanced settings in the full manual, if applicable).
- **Display issues:** If the screen is dim or flickering, recharge the battery. If the issue persists, contact customer support.

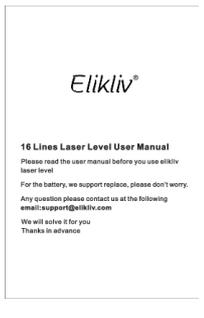
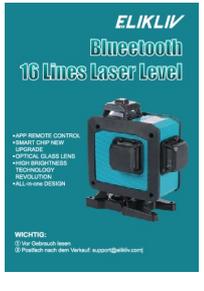
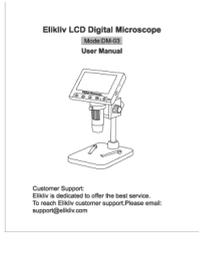
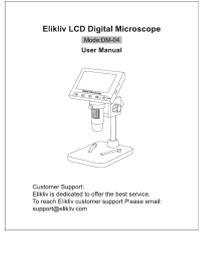
11. SPECIFICATIONS

Specification	Value
Model Number	SW-211R0
Measuring Range	Up to 656 feet (200 meters)
Laser Class	Class II, <1mW
Battery Type	Lithium-Ion
Battery Capacity	850mAh
Charging Port	USB Type-C
Charging Time	Approx. 1.5 hours
Measurements per Charge	Over 5500
Data Storage	100 sets
Material	Acrylonitrile Butadiene Styrene
Product Dimensions	15.24 x 15.24 x 6.35 cm
Item Weight	170.1 g (6 Ounces)
Color	Black and Green

12. WARRANTY AND SUPPORT

Elikliv products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact information provided with your purchase or visit the official Elikliv website. Please retain your proof of purchase for warranty claims.

Related Documents - SW-211R0

 <p>Elikliv®</p> <p>16 Lines Laser Level User Manual</p> <p>Please read the user manual before you use elikliv laser level</p> <p>For the battery, we support replace, please don't worry.</p> <p>Any question please contact us at the following email:support@elikliv.com</p> <p>We will solve it for you</p> <p>Thanks in advance</p>	<p>Elikliv 16 Lines Laser Level User Manual - Operation and Calibration Guide</p> <p>Comprehensive user manual for the Elikliv 16 Lines Laser Level. Covers device composition, line control, self-leveling and manual modes, battery charging, technical specifications, safety warnings, daily maintenance, troubleshooting common problems, and detailed accuracy calibration methods.</p>
 <p>ELIKLIV</p> <p>Bluetooth</p> <p>16 Lines Laser Level</p> <p>APP REMOTE CONTROL IMPROVED DESIGN UPGRADE OPTICAL CLASS 1 LASER HIGH ACCURACY TECHNOLOGY REVOLUTIONARY MULTI-LINE DESIGN</p> <p>WICHTIG!</p> <p>1 Vor Gebrauch lesen 2 Beachten Sie den Hinweis: support@elikliv.com</p>	<p>Elikliv 16 Lines Bluetooth Laser Level: User Manual and Technical Specifications</p> <p>A comprehensive guide to the Elikliv 16 Lines Bluetooth Laser Level, detailing its features, safety instructions, operation, accessories, and technical specifications. Includes guidance on app control, battery management, and maintenance.</p>
 <p>Elikliv LCD Digital Microscope</p> <p>DM03</p> <p>User Manual</p> <p>Customer Support: Elikliv is delighted to offer the best service. To reach Elikliv customer support please email: support@elikliv.com</p>	<p>Elikliv DM-03 LCD Digital Microscope User Manual</p> <p>User manual for the Elikliv DM-03 LCD Digital Microscope. Provides detailed instructions on setup, operation, parts, functions, USB connectivity, and technical specifications for optimal use.</p>
 <p>Elikliv LCD Digital Microscope</p> <p>DM04</p> <p>User Manual</p> <p>Customer Support: Elikliv is delighted to offer the best service. To reach Elikliv customer support please email: support@elikliv.com</p>	<p>Elikliv DM-04 LCD Digital Microscope User Manual</p> <p>User manual for the Elikliv DM-04 LCD Digital Microscope, providing detailed instructions on its parts, functions, operation methods, and technical specifications for optimal use.</p>
 <p>U.S. FOOD & DRUG</p> <p>ADMINISTRATION</p> <p>CDER</p> <p>Center for Devices and Radiological Health</p> <p>10855 Rockledge Drive, Suite 3000</p> <p>Rockville, MD 20850</p> <p>301-795-8000</p> <p>www.fda.gov</p>	<p>FDA Acknowledgment of Initial Product Report for Alignment Laser Product</p> <p>This document acknowledges the receipt of an Initial Product Report filed with the U.S. Food and Drug Administration's Center for Devices and Radiological Health for an Alignment Laser Product. It outlines regulatory requirements, product codes, and provides links for further information.</p>
 <p>Elikliv EM4K Flex Microscope</p> <p>Über diesen Artikel</p> <p>Entdecken Sie das Elikliv EM4K Flex, ein revolutionäres 4K UHD Digitalmikroskop mit 52MP Bildgebung. Ideal für Lötarbeiten, Münzsammlung und detaillierte Inspektionen, mit Sony Sensor, flexiblem Arm und brillantem Ringlicht.</p>	<p>Elikliv EM4K Flex 4K Digitalmikroskop – Präzision für Lötten und Münzsammlung</p> <p>Entdecken Sie das Elikliv EM4K Flex, ein revolutionäres 4K UHD Digitalmikroskop mit 52MP Bildgebung. Ideal für Lötarbeiten, Münzsammlung und detaillierte Inspektionen, mit Sony Sensor, flexiblem Arm und brillantem Ringlicht.</p>