

[Manuals.plus](#) /

› [Elikliv](#) /

› Elikliv Laser Tape Measure LTM-02 User Manual

## Elikliv LTM-02

# Elikliv Laser Tape Measure LTM-02 User Manual

Model: LTM-02

## INTRODUCTION

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Thank you for choosing the Elikliv LTM-02 Laser Tape Measure. This device combines the functionality of a traditional tape measure with advanced laser distance measurement capabilities, offering versatility and precision for various tasks. Please read this manual thoroughly before use to ensure safe and optimal operation.

## SAFETY INFORMATION

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This product is a Class II laser device. Observe the following safety precautions:

- Do not stare directly into the laser beam.
- Do not aim the laser beam at people or animals.
- Avoid direct eye exposure to the laser beam.
- The laser output power is less than 1mW.
- Keep the device out of reach of children.

## PACKAGE CONTENTS

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Verify that all items are present in your package:

- Elikliv LTM-02 Laser Tape Measure
- USB-C Charging Cable
- Lanyard Strap
- User Manual (this document)

## PRODUCT FEATURES AND COMPONENTS

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Familiarize yourself with the key features and components of your Elikliv LTM-02.

# EFFORTLESS PRECISION

## 328FT LASER ACCURACY

### MASTER LONG DISTANCES



**Figure 1: Laser Measurement Capability**

The LTM-02 offers precise laser distance measurement up to 328 feet, displayed clearly on the digital screen.

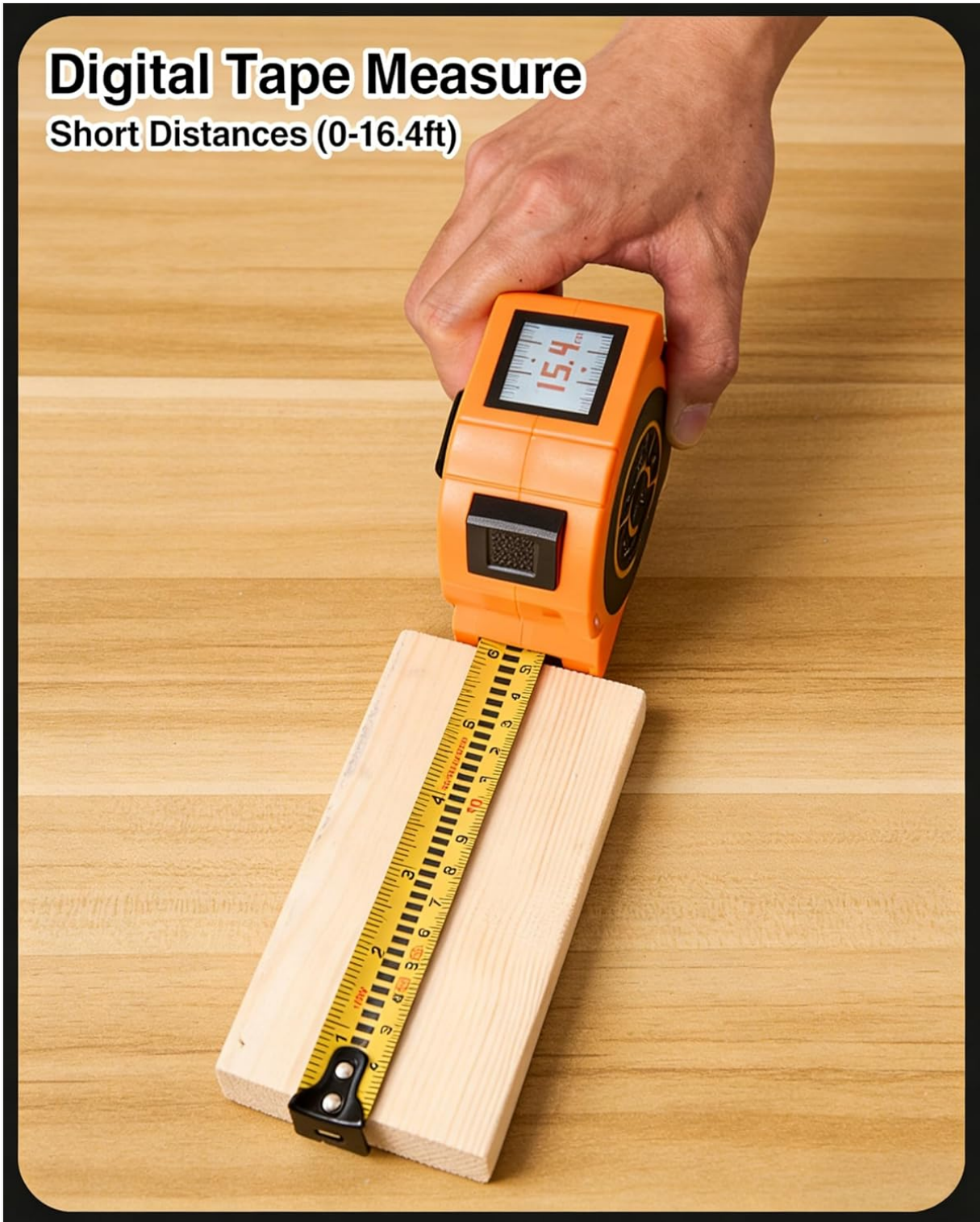


**Figure 2: Professional Grade Tape Measure**

The traditional tape features a matte nylon coating, dual inch and metric scales, and double-sided printing for enhanced readability. It offers a standout of up to 6 feet.

# Digital Tape Measure

## Short Distances (0-16.4ft)



**Figure 3: Digital Tape Measure for Short Distances**

For short distances (0-16.4 feet), the device provides a digital readout directly from the tape measure, combining the convenience of a physical tape with digital precision.

# Crystal Clear Digital HD Display

## No Squinting, Just Clarity



**Figure 4: Crystal Clear Digital HD Display**

The high-definition display ensures measurements are easily readable in various lighting conditions, day or night.



**Figure 5: Control Panel and Measuring Modes**

The device features a user-friendly control panel for selecting various functions and offers 9 distinct measuring modes for diverse applications.

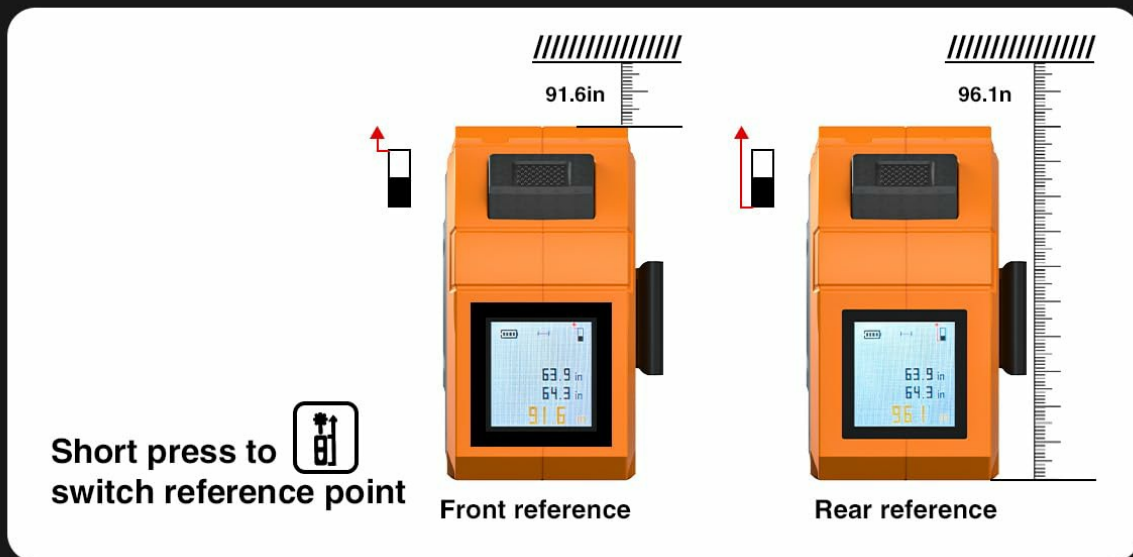
## SETUP

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### Initial Charging

Before first use, fully charge the device. Connect the supplied USB-C cable to the charging port on the device and to a standard USB power adapter (not included). The charging indicator will show the charging status.

## 2 Reference Points



## 6 Units of Measurement

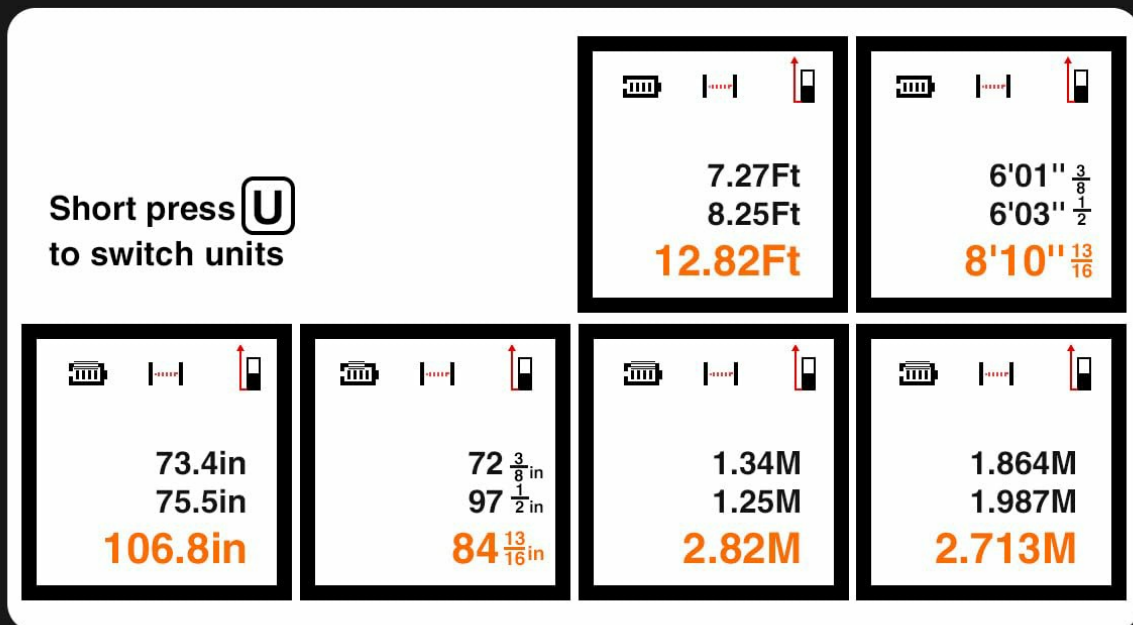



Figure 6: USB-C Charging

The device is equipped with a 600mAh rechargeable battery, offering approximately 6000 measurements per charge and supporting 2-hour fast charging via USB-C.

### OPERATING INSTRUCTIONS

#### Power On/Off

- Press the **Power button**  to turn the device on.
- Press and hold the **Power button** to turn the device off.
- The device features an auto-shutdown function after 2 minutes and 30 seconds of inactivity to conserve battery.

#### Using the Traditional Tape Measure


- Pull the tape measure out to the desired length. The tape will automatically lock in place.
- To retract the tape, press the release button located on the front of the device.
- The tape features a strong magnetic hook for secure attachment to metallic surfaces.

## Using the Laser Measurement Function

### Basic Distance Measurement

1. Turn on the device.
2. Press the **Power button** once to activate the laser. A red laser dot will appear.
3. Aim the laser dot at the target point.
4. Press the **Power button** again to take the measurement. The distance will be displayed on the screen.

### Switching Units of Measurement

Press the **"U" button**  to cycle through available units: meters (m), feet (ft), inches (in), fractional inches, and combinations thereof.


# 600mAh Rechargeable Battery



**Figure 7: Multiple Units of Measurement**

The device supports various units, allowing users to switch between them easily to suit their needs.

## Adjusting Reference Points

Press the **Reference Point button**  to switch between front and rear reference.

- **Front Reference:** Measurement starts from the front edge of the device. Useful when placing the device against a wall or object.
- **Rear Reference:** Measurement starts from the rear edge of the device. Useful when measuring from a corner or edge where the device's body is included in the measurement.

# 9 Measuring Modes



 Distance



 Area



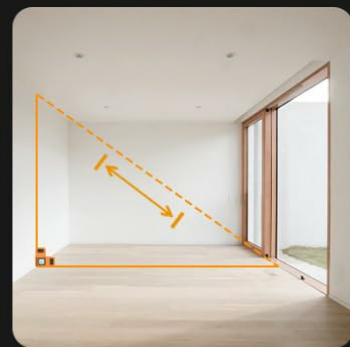
 Volume



 Pythagorean-1



 Pythagorean-2



 Pythagorean-3



 Wall Area



Continuous



Addition & Subtraction

Figure 8: Front and Rear Reference Points

Select the appropriate reference point for accurate measurements depending on your starting position.

## Measuring Modes

Press the **Mode button**  to cycle through the 9 available measuring modes:

- **Distance:** Standard single distance measurement.
- **Area:** Measures length and width to calculate area.
- **Volume:** Measures length, width, and height to calculate volume.
- **Pythagorean-1:** Calculates the third side of a right triangle from two measured sides (e.g., height from base and hypotenuse).
- **Pythagorean-2:** Calculates the height of an object using two hypotenuse measurements and one base measurement.
- **Pythagorean-3:** Calculates the height of an object using three measurements.

- **Wall Area:** Calculates the total area of multiple walls by measuring a common height once and then measuring the length of each wall.
- **Continuous Measurement:** Provides real-time distance updates as you move the device. Includes Min/Max tracking.
- **Addition & Subtraction:** Allows adding or subtracting multiple measurements.

Follow the on-screen prompts for each mode to input the required measurements.

## 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:** For long-term storage, charge the battery to approximately 50% every three months to prolong its lifespan.
- **Laser Lens:** Keep the laser emission and reception lenses clean to ensure accurate measurements.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on	Low battery or no charge.	Charge the device using the USB-C cable.
Inaccurate laser measurements	Dirty laser lens; incorrect reference point; unstable surface.	Clean the laser lens. Verify the correct reference point (front/rear). Ensure the device is on a stable surface.
Tape measure does not retract	Release button not fully pressed; internal obstruction.	Ensure the release button is fully depressed. Check for any visible obstructions.
Display is dim or unreadable	Low battery; backlight setting.	Charge the device. The backlight dims after 18 seconds of inactivity.

## SPECIFICATIONS

Model Number	LTM-02
Laser Class	Class II, <1mW power output
Battery Type	1 Lithium Polymer battery (included)
Battery Capacity	600mAh
Charging Port	USB-C
Product Dimensions	8.99 x 8.71 x 0.25 cm
Item Weight	449.06 g (0.99 Pounds)
Manufacturer	Elikliv

## WARRANTY AND SUPPORT

Elikliv products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Elikliv website. Keep your purchase receipt as proof of purchase for warranty claims.