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LAND LD

LAND 100FT/30M Fiberglass Tape Measure User Manual

Model: LD

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your LAND 100FT/30M Fiberglass Tape Measure. Please read this manual thoroughly before operation and retain it for future reference. This tape measure is designed for accurate linear measurements in various applications, including construction, surveying, and landscaping.

PRODUCT FEATURES

- Dual-Sided Scale:** Measures up to 100 feet (30 meters) with both imperial (feet/inches) and metric (meters/centimeters) markings.
- Fiberglass Tape:** Constructed from PVC fiberglass for reliable strength, flexibility, and resistance to stretching or fracturing.
- Double-Throat Rollers:** Designed to guide the tape blade during retraction and prevent twisting.
- Quick Recovery Mechanism:** Features a differential gear for efficient tape retraction via the crank handle.
- Durable Casing:** Made with well-chosen ABS plastic and protective TPR material for sturdiness, durability, and heat resistance.

SETUP

The LAND Fiberglass Tape Measure is ready for use directly out of the packaging. No assembly is required.

- Unpacking:** Carefully remove the tape measure from its packaging.
- Initial Inspection:** Inspect the tape measure for any visible damage. Ensure the tape extends and retracts smoothly.



Figure 1: Front view of the LAND Fiberglass Tape Measure, showing its yellow and black casing with the tape partially extended.

OPERATING INSTRUCTIONS

Follow these steps for accurate and efficient measurement:

1. Extending the Tape:

Grasp the metal ring at the end of the tape. Pull the tape firmly from the casing to the desired length. The tape will extend smoothly.



Figure 2: A person using the tape measure to measure the length of a wooden furniture piece, showing the tape extended along the surface.

2. Reading Measurements:

The tape features a dual-sided scale. One side displays measurements in feet and inches, while the other displays in meters and centimeters. Read the measurement at the desired point on the tape.

► Double-Sided Scale



Figure 3: A detailed view of the tape blade, illustrating the dual-sided markings for both imperial (feet/inches) and metric (meters/centimeters) measurements.

Note on Zero Point: The starting point for measurement (zero calibration) is at the outer edge of the metal ring. Ensure the ring is flush against the starting surface for accurate readings.

The Zero Point of the Tape is Different

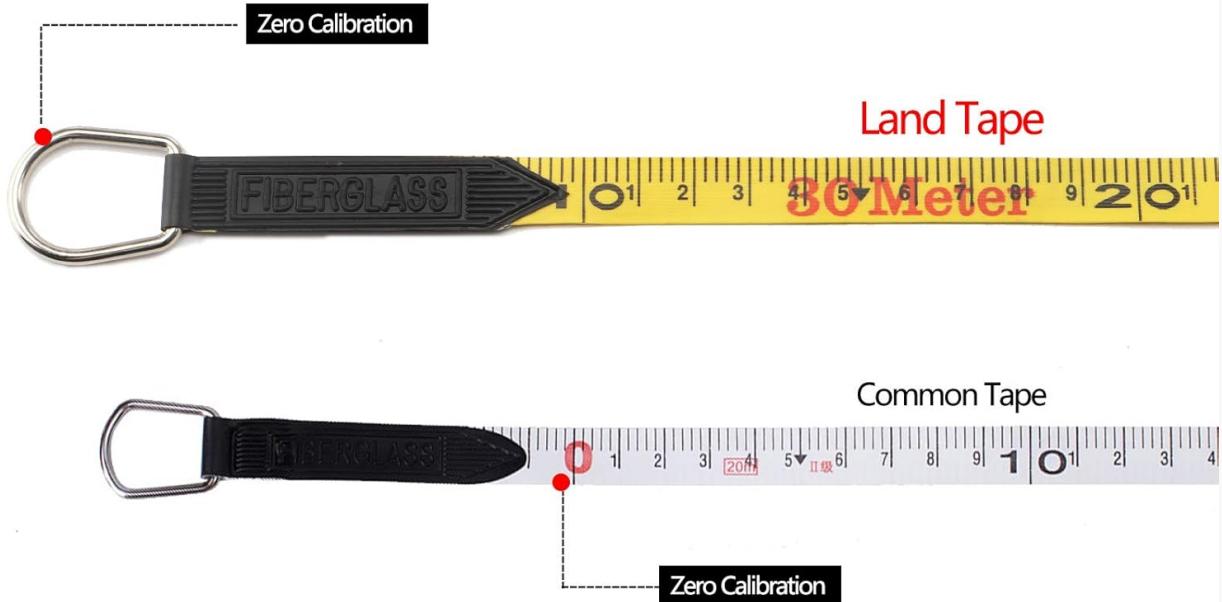


Figure 4: An image comparing the zero calibration point of the LAND tape measure (at the outer edge of the metal ring) with a common tape measure.

3. Retracting the Tape:

Turn the crank handle clockwise to retract the tape into the casing. The differential gear system facilitates quick and smooth retraction. Ensure the tape is guided back into the casing without twisting, utilizing the double-throat rollers.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your tape measure.

- Cleaning:** Wipe the tape blade with a dry or slightly damp cloth after use, especially if it has been exposed to dirt or moisture. Avoid harsh chemicals.
- Storage:** Store the tape measure in a clean, dry place, away from direct sunlight and extreme temperatures.
- Inspection:** Periodically check the tape for any signs of wear, tears, or damage. Ensure the retraction mechanism operates smoothly.
- Lubrication (Optional):** If the retraction mechanism becomes stiff over time, a small amount of silicone-based lubricant can be applied to the gears, if accessible, to restore smooth operation. Refer to the troubleshooting

section for guidance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tape does not retract smoothly.	Dirt or debris in the casing; tape twisting; lack of lubrication.	Ensure the tape is not twisted when retracting. Gently clean the tape and the opening of the casing. If comfortable, carefully open the casing (if designed for user access) and apply a small amount of silicone lubricant to the gears.
Tape is stuck or jammed.	Severe twisting or foreign object obstruction.	Do not force retraction. Carefully pull out a small section of the tape to identify and clear any obstruction. If the issue persists, contact customer support.
Inaccurate measurements.	Incorrect zero point usage; tape damage.	Ensure the metal ring is flush against the starting point for measurement. Inspect the tape for any stretching or damage that might affect accuracy.

SPECIFICATIONS

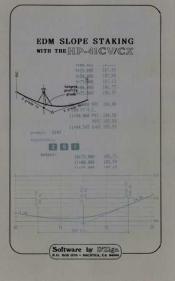
Feature	Detail
Brand	LAND
Model Number	LD
Measurement Length	100 feet (30 meters)
Scale Type	Dual-Inch/Metric
Tape Material	PVC Fiberglass
Casing Material	ABS Plastic, TPR Material
Product Dimensions	7"L x 6"W (7 x 6 x 0.1 inches)
Item Weight	1 Pound
Measurement Accuracy	1/8 inch or 2mm
Color	Black, Yellow

WARRANTY AND SUPPORT

If our product has any quality problems, please feel free to contact us via Amazon. We are committed to providing satisfactory after-sales service.

For further assistance or inquiries, please visit the [LAND Store on Amazon](#).

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