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Leica 40539

Leica Pinmaster II Pro 7x24mm Golf Laser Rangefinder Instruction Manual

Model: 40539

INTRODUCTION

The Leica Pinmaster II Pro is a high-precision laser rangefinder designed for golf, providing accurate distance measurements to targets on the course. It incorporates advanced features such as Angle Compensated Distance (ACD) and improved First-Target Logic to enhance your game. This manual provides essential information for the proper setup, operation, and maintenance of your device.

SETUP

Battery Installation

The Leica Pinmaster II Pro requires one CR2 battery (included). To install, locate the battery compartment cover, typically on the side or bottom of the device. Unscrew or open the cover, insert the battery with the correct polarity (+/-), then securely close the compartment.



Image: Side view of the Leica Pinmaster II Pro, showing the general location of the battery compartment and controls.

Eyecup Adjustment

Adjust the eyecup for comfortable viewing and to eliminate stray light. Rotate or extend the eyecup until the entire field of view is visible without vignetting.

Diopter Adjustment

If the display or target appears blurry, use the diopter adjustment ring, usually located near the eyecup, to bring the image into sharp focus for your vision.



Image: Angled view of the Leica Pinmaster II Pro, highlighting the eyepiece and the diopter adjustment ring.

OPERATING INSTRUCTIONS

Power On and Measurement

Press the main operating button (typically located on the top of the device) once to activate the rangefinder. Aim the reticle at your desired target. Press the button again to initiate a measurement. The distance will be displayed in the viewfinder's LED readout.



Image: Top view of the Leica Pinmaster II Pro, illustrating the main operating button.

Switching Units (Yards/Meters)

To switch between yards and meters, press and hold the operating button for a few seconds until the unit changes in the display. Release the button once the desired unit is shown.

Angle Compensated Distance (ACD)

The ACD function automatically calculates the slope-adjusted distance, taking into account both terrain inclination and the golf ball's trajectory. This corrected distance is displayed alongside the direct distance, providing a more accurate playing distance for uphill and downhill shots.

First-Target Logic

When measuring targets in a group (e.g., a flagstick in front of trees), the improved First-Target Logic prioritizes the closest object. The device provides a subtle signal or indicator when it has successfully identified the first target, helping to ensure you measure to the flagstick and not objects behind it.

MAINTENANCE

Cleaning

Use a soft, lint-free cloth to clean the lenses and the device body. For stubborn dirt, a slightly dampened cloth with water or a specialized lens cleaning solution can be used. Avoid abrasive materials or harsh chemicals, as these can damage the optics or casing.

Storage

Store the rangefinder in its protective Cordura case when not in use. Keep it in a dry, cool place, away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods to prevent potential leakage.

TROUBLESHOOTING

No Display or Device Not Turning On

- Check battery charge and ensure it is inserted correctly with the correct polarity.
- Replace the battery with a fresh CR2 battery if necessary.

Inaccurate Readings

- Ensure the lens is clean and free from obstructions.
- Make sure you are aiming at a reflective target. Non-reflective surfaces may yield inconsistent results.
- Avoid measuring through glass or other transparent surfaces, as this can interfere with laser accuracy.
- If using First-Target Logic, confirm the correct target is identified by the device's indicator.

Fogging

- If lenses fog up due to rapid temperature changes, allow the device to acclimate to the ambient temperature.
- Do not attempt to wipe fog from the inside of the lenses.

SPECIFICATIONS

Brand	Leica
Model Number	40539
Magnification	7 x
Front Lens Diameter	24 mm
Exit Pupil	3.4 mm
Twilight Factor	13
Field of View at 1,000 m	115 m
Measuring Range	10-825 yards
Laser Type	Class 1 eye-safe IR laser
Display	LED readout with ambient-light-controlled brightness, unique red LED display
Key Features	Smart Angle Compensation (ACD), First-Target Logic
Measurement Units	Yards and Meters

Water Resistance Level	Waterproof (IPX4)
Battery Type	1 CR2 (included)
Product Dimensions	1.26 x 2.24 x 4.49 inches
Item Weight	8.8 ounces (0.25 Kilograms)
Material	Cordura (case)
Color	White

WARRANTY AND SUPPORT

For detailed warranty information, technical support, or service inquiries, please refer to the documentation included with your original purchase. You may also visit the official Leica website for the most current support resources and contact information. Please retain your proof of purchase for any warranty claims.