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**Leica 40533**

# Leica Pinmaster II Metric/Yard Version 40533 User Manual

## INTRODUCTION

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This manual provides comprehensive instructions for the proper use, setup, and maintenance of your Leica Pinmaster II Metric/Yard Version 40533 rangefinder. Please read this manual thoroughly before operating the device to ensure optimal performance and safety.



Image: The Leica Pinmaster II rangefinder, a compact device designed for precise distance measurement in golf.

## SAFETY INFORMATION

- **Laser Safety:** The Leica Pinmaster II uses an invisible Class 1 laser. Do not look directly into the laser beam or point it at others.
- **Battery Safety:** Use only the specified Lithium-Ion battery. Do not attempt to open, crush, or expose the battery to extreme temperatures. Dispose of batteries according to local regulations.
- **General Handling:** Avoid dropping the device or subjecting it to severe impacts. Keep the device away from direct sunlight for prolonged periods.
- **Water Resistance:** The device is waterproof to 3 feet. Do not submerge it beyond this depth or for extended periods. Ensure the battery compartment is securely closed before exposure to water.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Leica Pinmaster II Rangefinder (Model 40533)
- Lithium-Ion Battery (pre-installed or separate)

- Carrying Case
- Neck Strap
- Lens Cleaning Cloth
- Quick Start Guide

## SETUP

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### Battery Installation

The Leica Pinmaster II operates on a single Lithium-Ion battery. If the battery is not pre-installed, follow these steps:

1. Locate the battery compartment cover, typically on the side or bottom of the device.
2. Turn the cover counter-clockwise to open it.
3. Insert the Lithium-Ion battery with the positive (+) terminal facing the direction indicated inside the compartment.
4. Replace the cover and turn it clockwise until it is securely tightened to ensure water resistance.

*Note:* A low battery indicator will appear in the display when the battery needs replacement.

### Initial Power On

After installing the battery, press the main operating button (usually located on the top of the device) to power on the Pinmaster II. The display will illuminate, showing the reticle and measurement units.

## OPERATING INSTRUCTIONS

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### Powering On and Off

- **To Power On:** Press the main operating button briefly. The device will power on and the display will activate.
- **Automatic Shut-off:** The Pinmaster II will automatically power off after approximately 10-15 seconds of inactivity to conserve battery life.

### Measuring Distance

To obtain a single distance measurement:

1. Look through the eyepiece and aim the reticle (crosshairs or aiming circle) at the desired target.
2. Press and release the main operating button. The distance to the target will be displayed instantly in yards or meters.
3. Ensure a steady hand for accurate readings. For small targets like flagsticks, aim carefully.

*Description:* The Pinmaster II features a bright, clear display with a precise aiming reticle, allowing users to target objects up to 825 yards away. The 7x magnification aids in target acquisition.

### Scan Mode

Scan mode allows for continuous measurement of multiple targets or a moving target:

1. Press and hold the main operating button for approximately 2 seconds.
2. While holding the button, pan the device across different targets. The display will continuously update with the distances to the objects in the reticle's path.
3. Release the button to stop scanning. The last measured distance will remain displayed for a few seconds before automatic shut-off.

## Unit Selection (Metric/Yard)

To switch between yards and meters:

1. With the device powered on, press and hold the main operating button and a secondary function button (if available, refer to the quick start guide for exact button location) simultaneously for a few seconds.
2. The unit of measurement (Y or M) in the display will change. Release the buttons when the desired unit is shown.

## Adjusting Display Brightness

The Pinmaster II features an adjustable display brightness for optimal visibility in various lighting conditions. To adjust:

1. Power on the device.
2. Press the secondary function button (if available) repeatedly to cycle through different brightness levels.
3. Select the brightness level that provides the clearest view without causing glare.

## MAINTENANCE

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### Cleaning the Optics

To maintain clear vision, keep the objective and eyepiece lenses clean:

- Use the provided lens cleaning cloth or a soft, lint-free cloth.
- Gently wipe the lens surfaces to remove dust and smudges.
- For stubborn dirt, use a small amount of optical lens cleaning fluid applied to the cloth, not directly to the lens.
- Avoid using abrasive materials or harsh chemicals, as these can damage the lens coatings.

### Storage

When not in use, store the Leica Pinmaster II in its protective carrying case in a cool, dry place. Avoid extreme temperatures and high humidity.

### Battery Replacement

When the low battery indicator appears, replace the Lithium-Ion battery promptly to ensure continued operation. Follow the battery installation steps outlined in the 'Setup' section.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device does not power on.	Dead or incorrectly inserted battery.	Check battery orientation. Replace battery if necessary.
Inaccurate distance readings.	Unsteady hand, obstructed laser path, or target too far/close.	Ensure a steady aim. Clear any obstructions. Verify target is within the 5-825 yard range.
Display is dim or unreadable.	Low battery or incorrect brightness setting.	Replace battery. Adjust display brightness using the function button.
Fogging on lenses.	Rapid temperature change or high humidity.	Allow the device to acclimate to the ambient temperature. Wipe lenses with a dry, lint-free cloth.

## SPECIFICATIONS

Feature	Detail
Model Number	40533
Magnification	7x
Measuring Range	5-825 yards (5-750 meters)
Accuracy	±1 yard up to 400 yards, ±2 yards up to 800 yards, ±0.5% beyond 800 yards (typical)
Battery Type	Lithium-Ion
Water Resistance	Waterproof to 3 feet
Material	Carbon fiber housing
Dimensions (L x W x H)	2.95"L x 4.44"W x 1.07"H (75 x 113 x 27 mm)
Weight	8 ounces (227 grams)

## WARRANTY AND SUPPORT

Leica products are manufactured to the highest quality standards and come with a limited warranty. For detailed warranty information, product registration, or technical support, please refer to the official Leica website or contact Leica customer service. Keep your purchase receipt as proof of purchase for warranty claims.

**Online Resources:** For additional information, FAQs, and software updates, visit the official [Leica Store on Amazon](#) or the main Leica website.

