

Crivit PTM 2 A1

Crivit Parkside Digital Depth Gauge PTM 2 A1

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Crivit Parkside Digital Depth Gauge PTM 2 A1. This device is designed for precise depth measurement of bores, grooves, saw cuts, joints, or tire profiles. It features a digital display for clear readings in millimeters or inches, a self-standing frame with magnetic feet, and an attachable hole measuring rod for versatile applications. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your device.

2. SAFETY INFORMATION

- Always handle the device with care to avoid damage to the measuring components.
- Keep the device away from strong magnetic fields, as this may affect measurement accuracy.
- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Clean the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep batteries out of reach of children. Dispose of used batteries responsibly.

3. PACKAGE CONTENTS

Please check that all items are present and in good condition:

- Crivit Parkside Digital Depth Gauge PTM 2 A1
- Attachable Hole Measuring Rod
- Storage Box
- Instruction Manual (this document)
- 1 x 3V CR2032 Battery

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your digital depth gauge:



Figure 1: Digital Depth Gauge PTM 2 A1. This image shows a close-up of the device's digital display, clearly indicating the 'ON/OFF', 'ZERO/ABS', and 'mm/inch/fraction' buttons, along with the locking screw on the side.



Figure 2: Depth Gauge in Use. This image illustrates the digital depth gauge positioned on a table saw, with its measuring rod extended to determine the depth of a saw blade, demonstrating its practical application.

1. **Digital Display:** Shows measurement readings.
2. **ON/OFF Button:** Powers the device on or off.
3. **ZERO/ABS Button:** Sets the zero point or switches between incremental (INC) and absolute (ABS) measurement modes.
4. **mm/inch/fraction Button:** Toggles between millimeter, decimal inch, and fractional inch display.
5. **Locking Screw:** Secures the measuring rod in position for stable readings.
6. **Measuring Rod:** Extends to measure depth.

7. **Self-standing Frame:** Provides stability during measurement.
8. **Magnetic Feet:** Allows the device to be securely placed on ferromagnetic surfaces.
9. **Battery Compartment:** Houses the CR2032 battery.
10. **Attachable Hole Measuring Rod:** For measuring hole depths.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment cover on the back of the device.
2. Open the cover.
3. Insert one 3V CR2032 battery with the positive (+) side facing up.
4. Close the battery compartment cover securely.

5.2 Attaching the Hole Measuring Rod

For measuring hole depths, the included hole measuring rod can be attached to the main measuring rod. Align the rod and gently slide it into place until it is secure.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- Press the **ON/OFF** button to turn the device on.
- Press the **ON/OFF** button again to turn the device off.
- The device will automatically shut off after approximately 5 minutes of inactivity to conserve battery life.

6.2 Setting the Zero Point (Reset)

The zero point can be set at any measuring depth:

1. Place the base of the depth gauge on the reference surface.
2. Extend the measuring rod until it touches the desired zero point.
3. Press the **ZERO/ABS** button. The display will show '0.00', indicating the new zero point has been set.

6.3 INC/ABS Mode Selection

The device offers two measurement modes:

- **Incremental (INC) Mode:** Measures relative to the last set zero point.
- **Absolute (ABS) Mode:** Measures from the true zero point (the base of the device).
- Press the **ZERO/ABS** button briefly to toggle between INC and ABS modes. The display will indicate the active mode.

6.4 Unit Selection (mm/inch/fraction)

Press the **mm/inch/fraction** button to cycle through the available measurement units: millimeters (mm), decimal inches (inch), and fractional inches (fraction).

6.5 Taking a Measurement

1. Ensure the device is powered on and the desired unit is selected.
2. Place the self-standing frame firmly on the surface from which you want to measure the depth. Use the magnetic feet for stability on ferromagnetic materials.
3. Extend the measuring rod into the bore, groove, or profile until it reaches the bottom.
4. Read the measurement directly from the digital display.
5. To lock the measurement for later reading, tighten the locking screw on the side of the device.

7. MAINTENANCE

7.1 Cleaning

Wipe the device with a soft, dry, lint-free cloth. Do not use water or chemical cleaning agents, as these can damage the electronic components or the display.

7.2 Battery Replacement

When the display becomes dim or shows an error, it is time to replace the battery. Follow the steps in Section 5.1 for battery installation. Ensure proper polarity.

7.3 Storage

Store the depth gauge in its provided storage box when not in use. Keep it in a dry place, away from dust, direct sunlight, and extreme temperatures. Remove the battery if the device will not be used for an extended period to prevent leakage.

8. TROUBLESHOOTING

- **Display is blank or dim:** Check battery installation. Replace the CR2032 battery if necessary.
- **Inaccurate readings:** Ensure the measuring surfaces are clean and free of debris. Recalibrate the zero point. Avoid strong magnetic fields during measurement.
- **Buttons unresponsive:** Try replacing the battery. If the issue persists, contact customer support.

9. SPECIFICATIONS

Feature	Specification
Model	PTM 2 A1
Measuring Range (Gap)	0-80 mm / 0-3 1/8"
Measuring Range (Hole)	0-50.8 mm / 0-2"
Accuracy	±0.1 mm / ±0.004"
Resolution	0.05 mm / 0.002"
Automatic Shut-off	Approx. 5 minutes
Battery	1 x 3V CR2032

Feature	Specification
Materials	Aluminum, Plastic, Nylon, Fiberglass
Dimensions (W x L x D)	Approx. 110 x 144 x 24 mm
Weight	Approx. 89 g

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For warranty claims, technical support, or service inquiries, please refer to the contact information provided with your purchase documentation or visit the official Crivit website. Please retain your proof of purchase for warranty purposes.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question