

Preciva IS5048S

Preciva Digital Angle Finder Protractor IS5048S Instruction Manual

Model: IS5048S

1. INTRODUCTION

Thank you for choosing the Preciva Digital Angle Finder Protractor. This precision instrument is designed for accurate angle measurement in various applications, including woodworking, construction, and DIY projects. Its robust stainless steel construction and clear digital display ensure reliable performance and ease of use. Please read this manual thoroughly before operation to ensure proper use and to maximize the lifespan of your tool.

2. PRODUCT OVERVIEW AND FEATURES

The Preciva Digital Angle Finder Protractor combines the functionality of a ruler and a protractor, offering both metric and imperial scales. Key features include:

- **Large LCD Display:** Provides quick and clear digital readout for easy angle measurement.
- **Locking Function:** Securely holds the blades at any desired angle using a locking screw.
- **Zero Function:** Allows for absolute and relative angle measurements, with a zero-reset option at any position.
- **Durable Construction:** Made from robust and stable stainless steel for precision and longevity.
- **Wide Measurement Range:** Capable of measuring angles from 0.0° to 999.9°.
- **Dual Scale:** Features both millimeter (mm) and inch (inch) markings on the ruler blades.

Large LCD Display

Quick and Clear Digital Readout

Easy-to-Read



Figure 2.1: The large LCD display provides a clear digital readout of the measured angle.



Easy to lock instructions

Clockwise rotation locks readings at any angle

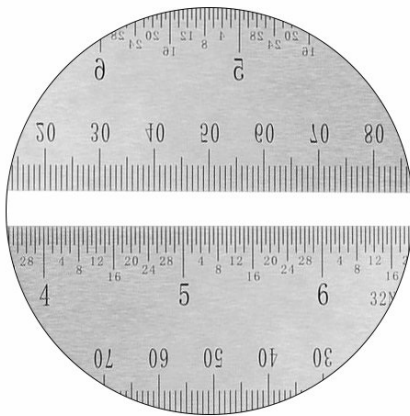
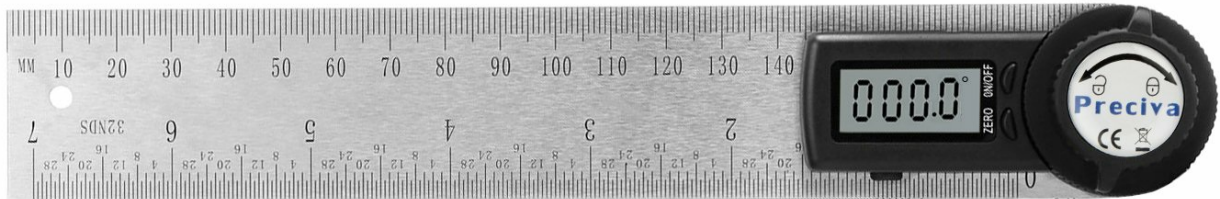


Short press

Turn on / Shut off the LCD

Long press 3"

Shut off the whole system



MM/INCH

Both metric and imperial scale



Low consumption , Easy to replace

A 3V battery can work more than 2000 hours

Figure 2.2: Detailed view of the control buttons, locking mechanism, and battery compartment. The ruler features both metric (mm) and imperial (inch) scales.

Ruler and Protractor Combination

For Easy Measuring

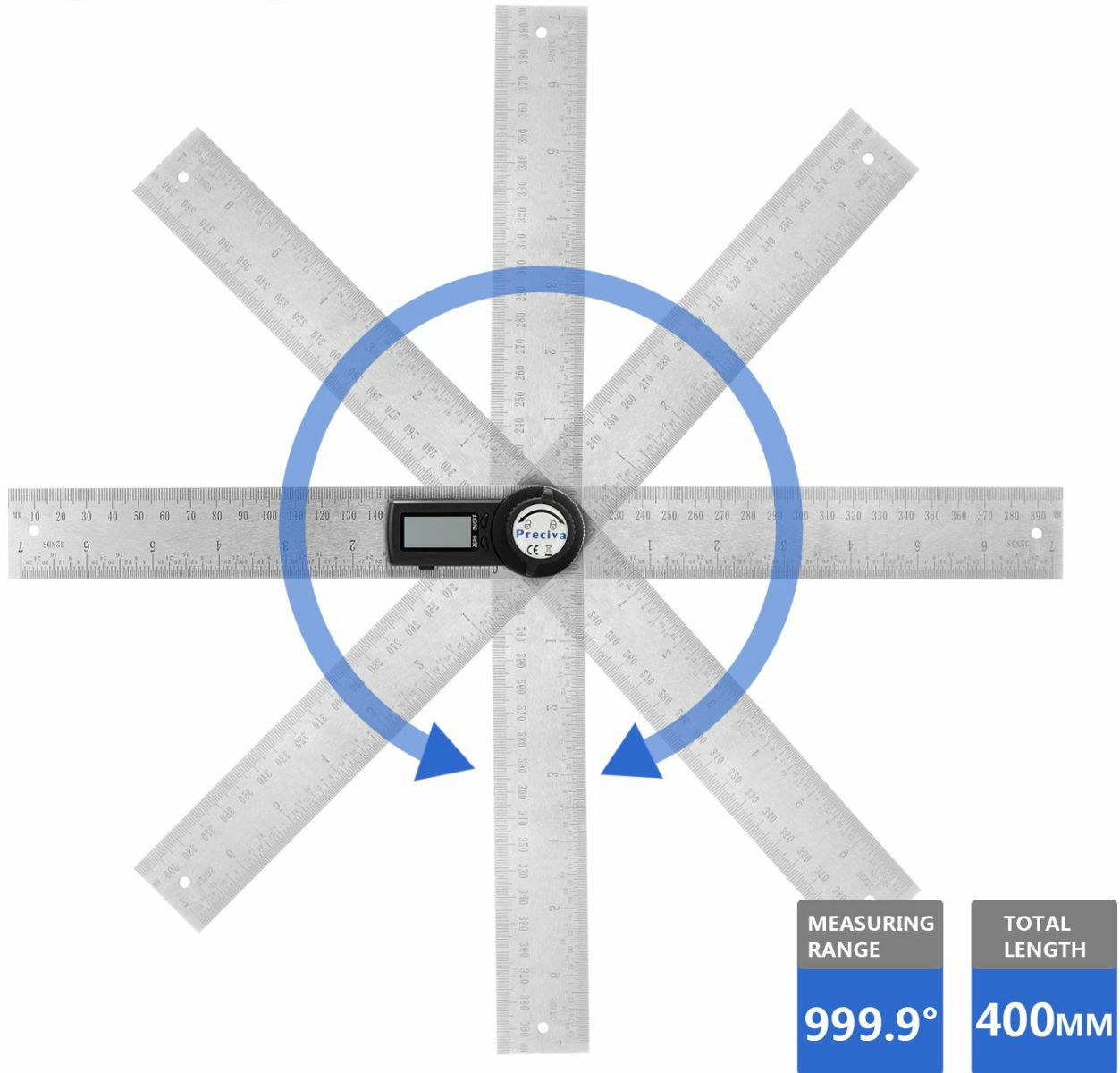


Figure 2.3: The tool functions as both a ruler and a protractor, with a total length of 400mm and a measurement range up to 999.9 degrees.

3. SETUP

3.1 Battery Installation

The Preciva Digital Angle Finder requires one CR2032 button cell battery (included). To install or replace the battery:

1. Locate the battery compartment cover on the central pivot of the protractor.
2. Rotate the cover counter-clockwise to unlock and remove it.
3. Insert the CR2032 battery with the positive (+) side facing upwards.
4. Replace the cover and rotate it clockwise to lock it securely.

Note: A new CR2032 battery can provide power for over 2000 hours of operation.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Briefly press the **ON/OFF** button. The LCD display will illuminate.
- **To Turn Off LCD (Sleep Mode):** Briefly press the **ON/OFF** button again. The display will turn off, but the system remains active for quick restart.
- **To Power Off Completely:** Press and hold the **ON/OFF** button for approximately 3 seconds. The entire system will shut down.

4.2 Zero Function (Absolute/Relative Measurement)

The **ZERO** button allows you to set a reference point for relative measurements or reset to absolute zero.

- **Absolute Measurement:** When the device is powered on, it typically displays the absolute angle relative to its initial position.
- **Relative Measurement (Zero Reset):** To measure an angle relative to a specific surface or position, place the protractor on that surface and press the **ZERO** button. The display will show 0.0°, and subsequent movements will measure the angle relative to this new zero point.

4.3 Taking Measurements

1. Power on the device and set the zero point as desired (absolute or relative).
2. Position the two blades of the protractor against the surfaces or lines whose angle you wish to measure.
3. Read the angle directly from the LCD display. The display updates in real-time as the blades are moved.



Figure 4.1: Using the angle finder to mark precise angles on a workpiece.

4.4 Locking Function

To lock the blades at a specific angle:

1. Adjust the blades to the desired angle.
2. Rotate the locking screw (located at the pivot point) clockwise until the blades are securely held in place.
3. To unlock, rotate the screw counter-clockwise.



Figure 4.2: The angle finder can be used to set or verify angles on tools like saw blades.

5. MAINTENANCE

- **Cleaning:** Wipe the tool with a soft, dry cloth after each use. Avoid using abrasive cleaners or solvents that could damage the display or finish.
- **Storage:** Store the angle finder in a dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace the CR2032 battery when the display becomes dim or unresponsive. Dispose of used batteries responsibly.
- **Calibration:** The device is factory calibrated. If you suspect inaccuracies, ensure the blades are fully closed and press the ZERO button to reset.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Display is blank or dim.	Low battery or battery incorrectly installed.	Replace the CR2032 battery, ensuring correct polarity.
Inaccurate readings.	Zero point not set correctly or debris obstructing blades.	Ensure blades are clean. Close blades completely and press the ZERO button to reset.
Blades do not lock securely.	Locking screw is loose.	Tighten the locking screw clockwise. Do not overtighten.

7. SPECIFICATIONS

Feature	Detail
Model Number	IS5048S
Measurement Range	0.0° to 999.9°
Total Length	400 mm / 14 inches
Material	Stainless Steel
Battery Type	1 x CR2032 (included)
Dimensions (Package)	23.9 x 6.3 x 3.3 cm
Weight (Product)	210 grams

8. SUPPORT

For any questions, technical assistance, or support regarding your Preciva Digital Angle Finder Protractor, please refer to the retailer's customer service or the official Preciva support channels. Please retain your purchase receipt for any warranty claims or returns. A 30-day return policy is typically offered by retailers.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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