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Prexiso PLAG90T

PREXISO PLAG90T 3-in-1 Multi Surface Laser Level Instruction Manual

Model: PLAG90T

PRODUCT OVERVIEW

The PREXISO PLAG90T is a versatile 3-in-1 tool combining a digital level, angle meter, and laser line projector. It is designed for various tasks requiring precise leveling and angle measurement, including home renovation, picture hanging, woodworking, and construction. This device features a clear digital display, multiple measurement modes, and a magnetic base for convenient use.

3 LASER LINE MODES

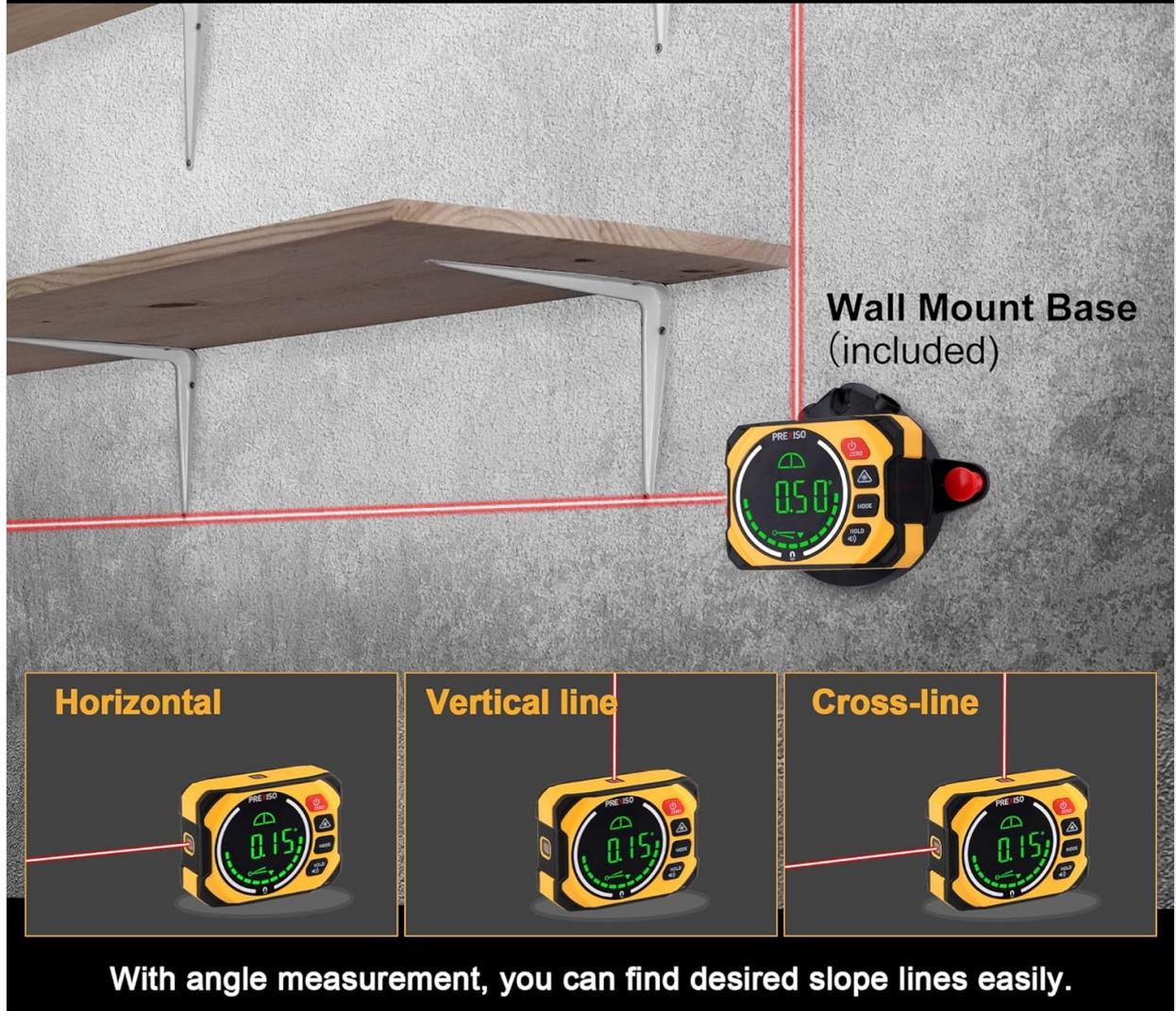


Figure 1: The PREXISO PLAG90T displaying a horizontal laser line for leveling a shelf.

SETUP

Charging the Device

The PREXISO PLAG90T is equipped with a rechargeable Li-ion battery. To charge, locate the USB-C port on the device and connect it to a power source using the provided USB-C cable. Ensure the device is fully charged before first use for optimal performance.



Figure 2: USB-C charging port on the PREXISO PLAG90T.

Attaching the Wall Mount Base

The device includes a wall mount base for hands-free operation. There are three methods to fix the wall mount base:

1. **Using 2 Pins:** For rough surfaces, insert the two provided pins into the designated holes on the wall mount base and gently push them into the wall.
2. **Using Self-Adhesive Strips:** For smooth surfaces, attach the provided self-adhesive strips to the back of the wall mount base and press firmly onto the desired surface.
3. **Using Pin Holes:** For any surface where a more secure attachment is needed, use screws through the pin holes on top of the wall mount base.



Figure 3: Different methods for attaching the wall mount base to various surfaces.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the **POWER/ZERO** button to turn the device on or off.

Measurement Modes

The device supports two primary measurement modes:

- **ABSOLUTE Measurement Mode:** The device enters this mode directly upon power-on, displaying the absolute angle relative to a true horizontal plane.
- **RELATIVE Measurement Mode:** Press the **ZERO** button to switch to relative measurement. The display will show 'S' blinking. Keep the equipment still for 3 seconds until 'S' stops flashing to set the current angle as the new zero reference. Press the **ZERO** button again to return to absolute measurement.



Figure 4: Absolute angle measurement mode.



Figure 5: Relative angle measurement mode.

Unit Selection

Press the **MODE** button to cycle through the available units: degrees (°), percentage (%), millimeters per meter (mm/m), and inches per foot (IN/FT).

Laser Line Modes

The device can project three types of laser lines:

- **Horizontal Line:** Press the **LASER** button once.
- **Vertical Line:** Press the **LASER** button a second time.
- **Cross-Line (Horizontal and Vertical):** Press the **LASER** button a third time.

Press the **LASER** button a fourth time to turn off the laser lines. The laser is a Class II product with a maximum output of < 1 mW.

3 LASER LINE MODES

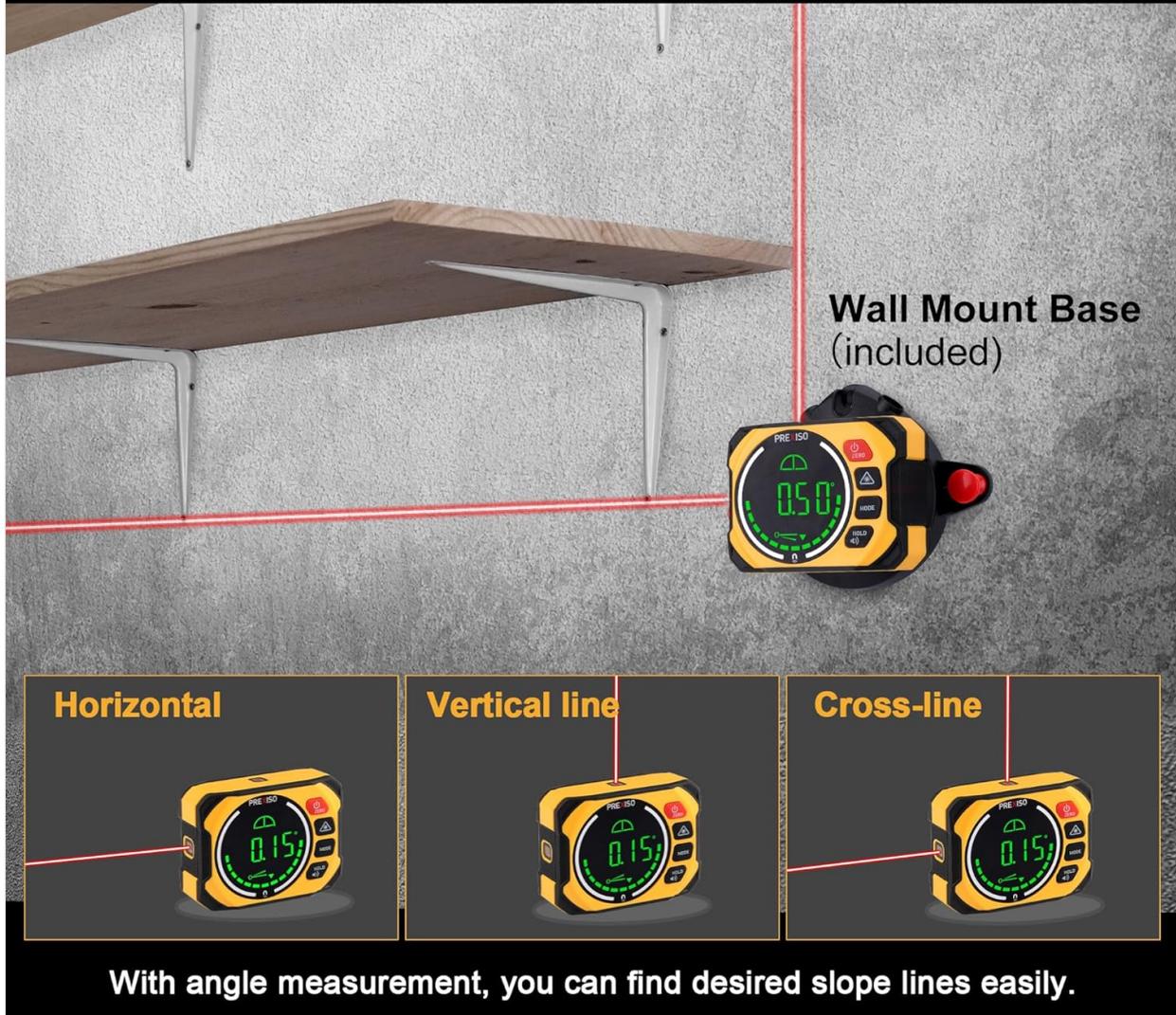


Figure 6: Various laser line modes for different applications.

Audible Buzzer

The device features an audible buzzer that alerts when the angle is within $\pm 1^\circ$ of the horizontal or vertical position. This is useful for quick leveling without constantly viewing the display. Long press the **HOLD/AUDIO** button to activate or deactivate the buzzer.

Data Hold Function

To freeze the current measurement on the display, short press the **HOLD/AUDIO** button. The 'H' icon will appear. Press the button again to return to live measurement.

MAINTENANCE

Calibration

The equipment is factory-calibrated. To ensure lasting accuracy, the device also has a user calibration function. Perform calibration on a flat and smooth surface with a tilt no more than 5° . If the tilt exceeds 5° , the display will show 'ERR'.

To recalibrate:

1. In shutdown status, press and hold the **MODE** button, then press the **POWER/ZERO** button until the LCD

displays 'CAL 1'.

2. Keep the equipment still for a period of time, then press the **MODE** button. 'CAL 1' flashes several times, then the display reads 'CAL 2'.
3. In the same location, rotate the equipment 180°. 'CAL 2' flashes several times. After 'CAL 2' disappears, the calibration is completed and the LCD will show the current angle in high-accuracy display.



Figure 7: Calibration procedure for the PREXISO PLAG90T.

TROUBLESHOOTING
