

XUNTOP XOP007

XUNTOP Digital Inclinator (Model XOP007) User Manual

Model: XOP007

1. INTRODUCTION

Thank you for choosing the XUNTOP Digital Inclinator, Model XOP007. This precision tool is designed for accurate angle measurement in various applications, including automotive, carpentry, and construction. Please read this manual carefully before use to ensure proper operation and to maximize the device's lifespan.

Package Contents:

- 1 x XUNTOP Digital Inclinator (Model XOP007)
- 1 x USB-C Charging Cable
- 1 x Carry Bag



Image 1.1: XUNTOP Digital Inclinator, USB-C cable, and carry bag.

2. PRODUCT FEATURES

- **Measuring Range:** 4 x 90° (360° total)
- **Accuracy:** $\pm 0.1^\circ$ at 0° and 90°, $\pm 0.2^\circ$ for other angles
- **Resolution:** 0.05°
- **Waterproof Rating:** IP54 (dust and splash resistant)
- **Power:** Integrated 340mAH rechargeable Lithium Polymer battery
- **Display:** Bright VA display with automatic rotation
- **Magnetic Base:** Strong magnets on all four sides for secure attachment
- **Laser Function:** Dual lasers for precise alignment
- **Charging:** USB-C port for convenient recharging



Image 2.1: Overview of key features including accuracy, resolution, data hold, dual laser, battery, Type-C charging, auto calibration, angle finder, unit conversion, and IP54 rating.

3. SETUP

3.1 Charging the Device

Before first use, fully charge the inclinometer. Connect the provided USB-C charging cable to the device's charging port and to a compatible USB power source (e.g., computer, wall adapter).

Ricarica Veloce Tipo-C

Ricaricabile Tramite Computer
/ Presa di corrente

340 mah



Image 3.1: The inclinometer charging via its USB-C port.

3.2 Power On/Off

Press the **ON/OFF** button to turn the device on or off. The display will illuminate, showing the current angle.

3.3 Automatic Calibration

The device features automatic calibration. For optimal accuracy, ensure the device is placed on a flat, level surface before taking critical measurements. The inclinometer will self-calibrate upon power-on or when the ZERO button is pressed.

4. OPERATING INSTRUCTIONS

4.1 Taking Measurements

Place the inclinometer on the surface you wish to measure. The angle will be displayed on the screen. The display automatically rotates for easy reading when the device is inverted.



Image 4.1: The inclinometer demonstrating its 4x90° measuring range, automatic display rotation, and strong magnetic base.

4.2 Zeroing the Display

To set the current surface as the reference (0°), press the **ZERO** button. This is useful for measuring relative angles.

4.3 Data Hold Function

Press the **HOLD** button to freeze the current reading on the display. Press it again to release the hold and resume live measurement.

4.4 Unit Conversion

The device supports different units of measurement. Press the **U** button to cycle through available units (e.g., degrees, percentage, mm/m, in/ft).

4.5 Using the Laser Function

The inclinometer features dual lasers for enhanced alignment. To activate and cycle through laser modes:

1. **First Press:** Activates the right laser.
2. **Second Press:** Activates the left laser.
3. **Third Press:** Activates both left and right lasers.
4. **Fourth Press:** Turns off the lasers.

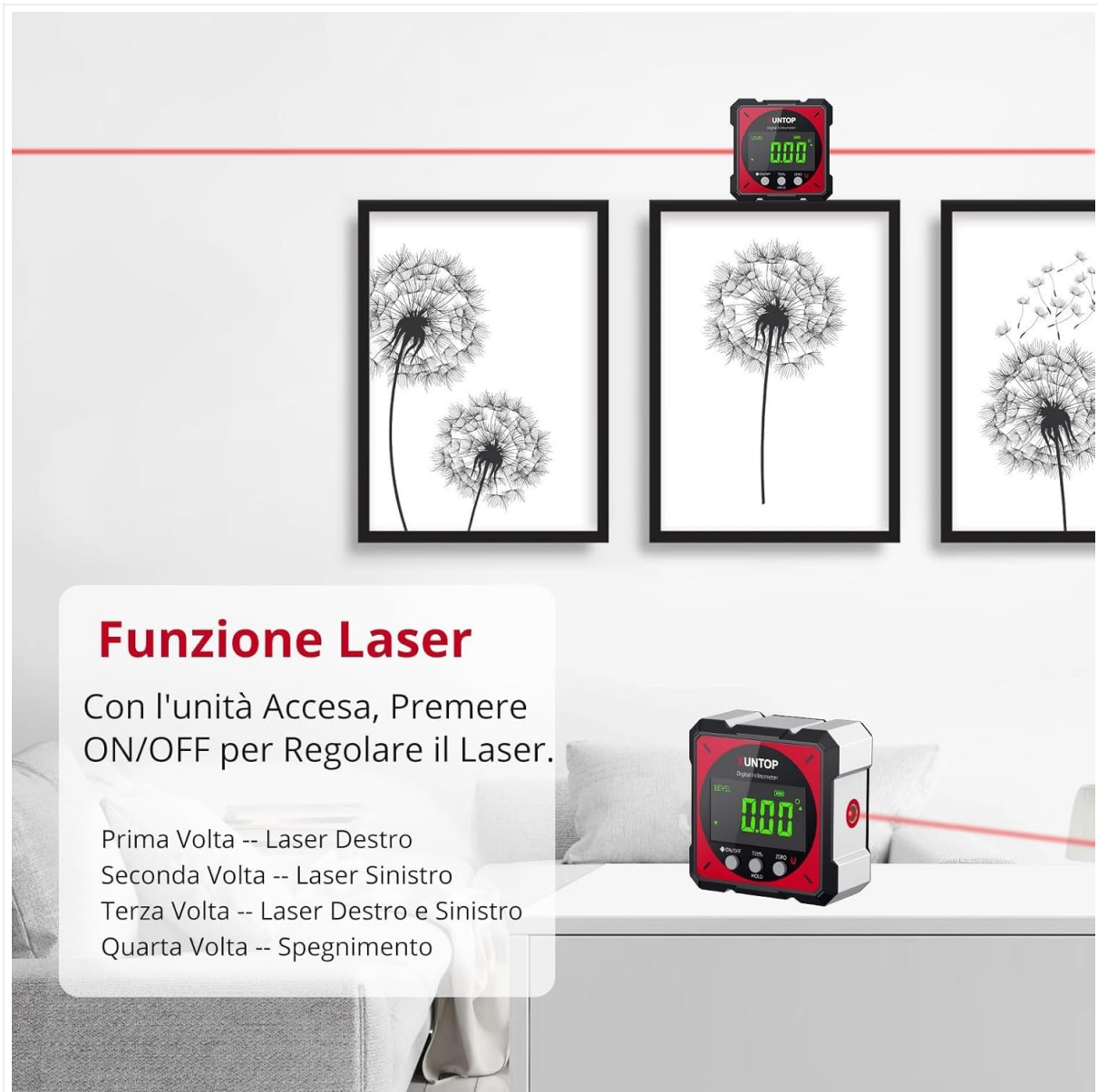


Image 4.2: The inclinometer demonstrating its laser function for alignment.

4.6 Magnetic Attachment

The strong magnets on all four sides allow the inclinometer to be securely attached to metal surfaces, such as saw blades, metal frames, or pipes, for hands-free operation.

Ideale per Diverse Esigenze di Misurazione



Image 4.3: Examples of the inclinometer being used for different measurement tasks, including on a saw blade and a tile.

5. MAINTENANCE

5.1 Cleaning

Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents. The IP54 rating means it is resistant to dust and splashes, but it should not be submerged in water.

5.2 Storage

When not in use, store the inclinometer in its protective carry bag in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the device is turned off to preserve battery life.

5.3 Battery Care

To maintain battery health, avoid fully discharging the battery frequently. Recharge the device regularly, especially if it has not been used for an extended period.

6. TROUBLESHOOTING

- **Device does not turn on:** Ensure the battery is charged. Connect the USB-C cable and attempt to power on while charging.
- **Inaccurate readings:** Perform a calibration by placing the device on a known level surface and pressing the ZERO button. Ensure the surface is stable and free from vibrations.
- **Display is dim or unreadable:** Check battery level. If low, recharge the device. Ensure the backlight is active if in a dark environment.
- **Laser not working:** Ensure the device is powered on and the laser function has been activated by pressing the appropriate button (refer to Section 4.5). Check battery level.

7. SPECIFICATIONS

Feature	Specification
Manufacturer	XUNTOP
Model Number	XOP007
Measuring Range	4 x 90° (360°)
Accuracy	±0.1° (0°, 90°), ±0.2° (other angles)
Resolution	0.05°
Waterproof Rating	IP54
Battery	340mAh Lithium Polymer (rechargeable)
Charging Port	USB-C
Material	Aluminum
Product Dimensions	6.1 x 6.1 x 0.1 cm
Weight	150 g
Color	Red
Operating Mode	Automatic

8. WARRANTY AND SUPPORT

8.1 Warranty Information

XUNTOP products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

8.2 Customer Support

If you encounter any issues or have questions regarding your XUNTOP Digital Inclinometer, please contact the retailer where you purchased the product or visit the official XUNTOP website for support resources. Please have your model number (XOP007) and purchase details ready when contacting support.

