

[Manuals.plus](#) /

> [XUNTOP](#) /

> XUNTOP Digital Level Box Angle Finder with Laser (Model XOP018) Instruction Manual

## XUNTOP XOP018

# XUNTOP Digital Level Box Angle Finder with Laser

MODEL: XOP018

---

## Introduction

---

This manual provides detailed instructions for the safe and effective use of your XUNTOP Digital Level Box Angle Finder with Laser, Model XOP018. This device is designed for precise angle measurement in various applications, featuring a digital display, dual-sided laser, and magnetic base.



Figure 1: XUNTOP Digital Level Box Angle Finder with Laser (Model XOP018) and included accessories.

## Package Contents

- 1 x XUNTOP Digital Level Box (Model XOP018)
- 1 x Type-C Charging Cable
- 1 x Carry Bag
- 1 x User's Manual



Figure 2: Contents of the XUNTOP Digital Level Box package.

## Product Features

---

- **Accurate Digital Angle Gauge:** Measures 4x90° with an accuracy of +/- 0.1° at 0° and 90°, and +/-0.2° at other angles. Resolution: 0.05°.
- **Dual-Sided Laser:** Features two electronic lasers for horizontal and symmetrical alignment.
- **Magnetic Base:** Strong magnets on all four sides for secure attachment to metal surfaces.
- **Automatic Inversion:** Display automatically rotates for easy reading when upside down.
- **USB-C Charging:** Internal rechargeable battery with Type-C port.
- **Durable Design:** Made of aluminum with brass inserts and ABS housing, IP54 dust-proof and waterproof.
- **Portable:** Compact size (L2.4in, W2.4in, H1.2in) with a matching belt bag.
- **Bright Backlight:** Ensures clear readability in various lighting conditions.



Figure 3: Overview of the XUNTOP Digital Inclinometer's main features.

## Setup

---

### 1. Charging the Device

Before first use, fully charge the device. Locate the USB-C charging port on the back of the unit, protected by a rubber cover. Gently lift the rubber cover and connect the provided Type-C charging cable to a USB power source (computer or power outlet adapter, not included).

## Type-C Fast Charging

Rechargeable via computer /  
power outlet

**340 mah**



Figure 4: Connecting the USB-C charging cable to the device.

### 2. Power On/Off

Press the **ON/OFF** button to turn the device on. To turn it off, press and hold the **ON/OFF** button for a few seconds.

### 3. Initial Calibration

For optimal accuracy, it is recommended to perform an initial calibration. Place the device on a flat, level surface. Press and hold the **ZERO** button until "CAL" appears on the display. Follow the on-screen prompts to complete the calibration process. The device will display "PASS" upon successful calibration.

## Operating Instructions

### 1. Basic Angle Measurement

Place the device on the surface you wish to measure. The digital display will show the angle in degrees. The display automatically inverts for easy reading when the device is upside down.

# Measuring Range: 4x 90°

Display Automatically Rotates for Easy Reading



Figure 5: Automatic display inversion for convenient reading.

## 2. Zeroing Function

To set a relative zero point, place the device on your desired reference surface and press the **ZERO** button. The display will show 0.00°, and subsequent measurements will be relative to this new zero point.

## 3. Hold Function

To hold the current measurement on the display, press the **HOLD** button. The reading will freeze, allowing you to move the device and record the value. Press **HOLD** again to release.

## 4. Laser Function

The device features dual-sided lasers for precise alignment. With the unit powered on, press the **ON/OFF** button repeatedly to cycle through laser modes:

- **1st Press:** Right laser activates.
- **2nd Press:** Left laser activates (right laser turns off).
- **3rd Press:** Both right and left lasers activate.
- **4th Press:** Both lasers turn off.



Figure 6: Using the laser function for alignment.

Your browser does not support the video tag.

Video 1: Demonstration of the XUNTOP Digital Angle Finder with Laser, showcasing its features and operation.

## 5. Unit Conversion

Press the **TILT%** button to switch between angle (degrees) and slope percentage (%).

## Maintenance

- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Storage:** Store the device in its provided carry bag in a dry, stable environment.
- **Environmental Factors:** Avoid exposing the device to extreme temperatures, high humidity, or strong magnetic fields, as these can affect accuracy.
- **Recalibration:** If you suspect inaccuracies, perform the calibration procedure described in the "Setup" section.

## Troubleshooting

- **"Err" Display:** This usually indicates the device is not stable or is being moved during measurement.

Ensure the device is placed on a stable surface.

• **Inaccurate Measurements:**

- Check for calibration errors. Recalibrate the device if necessary.
- Ensure the device is not exposed to extreme temperatures, high humidity, or nearby strong magnetic fields.
- Verify battery power. Low battery can affect measurement accuracy.
- Ensure proper positioning and alignment during measurement.

• **Protractor Not Working:** Check the battery condition. If the battery is low, recharge the device. If the issue persists, try resetting the device by turning it off and on again.

• **Laser Issues:** If the laser beam appears weak, misaligned, or fluctuates, ensure the device is fully charged and not exposed to environmental interference. Consult manufacturer guidelines for further assistance if problems persist.

## Specifications

Feature	Detail
Brand	XUNTOP
Model Number	XOP018
Material	Metal (Aluminum with Brass inserts), ABS Housing
Color	Gray
Product Dimensions	2.4"L x 2.4"W x 1.2"H
Item Weight	5.6 ounces
Measurement Range	4 x 90°
Accuracy	+/- 0.1° at 0° and 90°, +/-0.2° at the rest
Resolution	0.05°
Power Source	Battery Powered (1 Lithium Polymer battery included)
Charging Port	USB-C
Waterproof Rating	IP54
Operation Mode	Manual

## Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official XUNTOP website. Keep your purchase receipt as proof of purchase.