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Kiprim WS01

Kiprim Stud Finder Wall Scanner WS01 Instruction Manual

Model: WS01

1. INTRODUCTION

The Kiprim WS01 Stud Finder Wall Scanner is a versatile electronic device designed for detecting various hidden objects behind walls. It accurately locates wood studs, metal pipes, and live AC wires, providing essential information for safe and efficient home improvement projects. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device.



Image Description: The Kiprim Stud Finder WS01, a teal and black handheld device, is shown next to a green 9V battery. The device features an LCD screen and several control buttons.

2. PRODUCT FEATURES

- **5-in-1 Detection:** Detects wood studs (0.5", 1", 1.5" depths), metal pipes, and live AC wires, helping to avoid hazards before drilling or nailing.
- **Large Backlit LCD Screen:** A clear 2-inch display shows the detection mode, signal strength, center indicator, and battery status for precise and easy reading.
- **Audible & Visual Alerts:** Continuous beep and flashing icon indicate the exact center of studs or wires for quick marking.
- **Self-Calibration Function:** Eliminates background interference for higher accuracy across different wall types and environments.
- **Portable & Durable Design:** Compact, lightweight (123g), and powered by a 9V battery (included), ideal for DIY home projects and professional use.



Image Description: A graphic illustrating the Kiprim Stud Finder WS01 detecting different materials within a wall, including wood studs at various depths, metal pipes, and AC live wires. The device's LCD screen displays detection information.

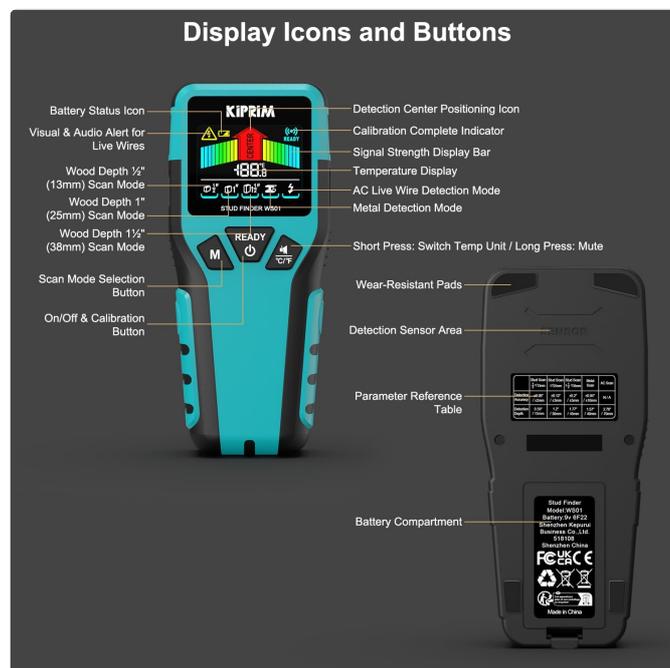


Image Description: A detailed diagram of the Kiprim Stud Finder WS01, labeling its LCD display icons (battery status, live wire alert, wood depth modes, metal detection, AC live wire detection, signal strength, temperature, detection center) and control buttons (Scan Mode, On/Off & Calibration, Temperature Unit/Mute). The back of the device shows the battery compartment and wear-resistant pads.

3. SETUP

3.1 Battery Installation

The Kiprim WS01 Stud Finder requires one 9V battery (included). To install:

1. Locate the battery compartment on the back of the device.
2. Open the battery cover.
3. Insert the 9V battery, ensuring correct polarity.
4. Close the battery cover securely.

3.2 Power On and Calibration

Before each use, the device must be calibrated for accurate readings.

1. Step 1: Power On

Press the **Power Button** to turn on the tool. The LCD screen will illuminate.



Image Description: A hand pressing the power button located on the front of the Kiprim Stud Finder WS01. The button is labeled "READY" and has a power symbol.

2. Step 2: Select Mode

Press the **"M" Button** to switch to the desired detection mode (Stud, Metal, AC). Wait for the signal bars to disappear and a "Beep" sound to confirm mode selection.



Image Description: A hand pressing the "M" (Mode) button on the left side of the Kiprim Stud Finder WS01's control panel.

3. Step 3: Initiate Calibration

Place the device flat against the wall in the area you wish to scan, ensuring no studs or wires are present. Long press the **"READY" button** (Power Button) until you hear a beep, indicating successful calibration. The device is now ready for detection.



Image Description: A hand long-pressing the "READY" button on the Kiprim Stud Finder WS01 to initiate calibration. The device is held flat against a wall surface.

4. OPERATING INSTRUCTIONS

4.1 Stud Mode Detection

The Stud Mode has three depth options: 13mm (0.5 inch), 25mm (1 inch), and 38mm (1.5 inches). Select the appropriate scanning depth based on your wall thickness for optimal results.

1. After selecting the desired stud scan mode and calibrating, move the scanner slowly along the wall horizontally.



Image Description: A hand slowly moving the Kiprim Stud Finder WS01 horizontally across a wall. Green arcs emanate from the device, indicating its scanning action.

2. Do not lift the instrument or apply additional pressure during scanning. If you shake or lift the instrument carelessly, you need to recalibrate it.
3. When the signal strength bar on the screen changes and the indicator light flashes with a ticking sound, it means the center of the object (stud) has been found.



Image Description: The Kiprim Stud Finder WS01's LCD screen showing full signal bars and a "CENTER" indicator, signifying that a stud has been located. A pencil is shown marking the detected center on the wall.



Image Description: A graphic illustrating the Kiprim Stud Finder WS01 detecting wood studs behind a wall. It highlights the three stud scan modes (13mm, 25mm, 38mm) and shows the device indicating the edge and center of a stud.

4.2 Metal Mode Detection

The Metal Mode accurately detects metal objects up to 1.77 inches (45mm) deep.

1. Select Metal Mode using the "M" button and calibrate the device in a metal-free area away from magnetic interference.
2. Scan the wall slowly. The device will indicate the presence of metal with visual and audible alerts.

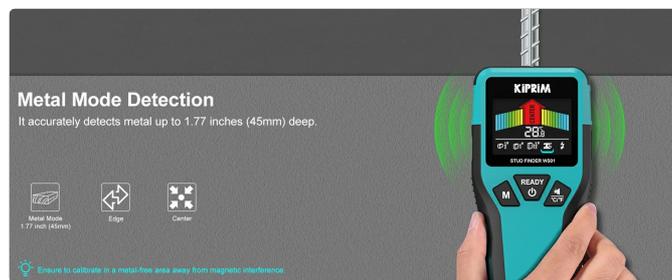


Image Description: A graphic showing the Kiprim Stud Finder WS01 detecting a metal pipe behind a wall. The device's screen displays the metal detection icon and signal strength.

4.3 AC Wire Detection

AC Wire detection indicates the presence of live, unshielded electrical wiring up to 2.76 inches (70mm) deep. For safety, in all modes, this wall scanner always detects and indicates live AC wires.

1. Select AC Mode using the "M" button.
2. Perform a self-check away from wires before each use.
3. Scan the wall slowly. A flashing icon means the scanner is centered over a wire. A continuous long beep indicates the strongest signal.
4. **Warm Tip:** To detect de-energized wires, please switch to Metal Mode.



Image Description: A graphic depicting the Kiprim Stud Finder WS01 detecting an AC live wire behind a wall. The device's screen shows the AC detection icon and a warning symbol.

4.4 Temperature Unit Switching & Mute Function

- **Temperature Unit:** Short press the °C/°F button to switch the temperature unit between Celsius and Fahrenheit.
- **Mute Function:** Long press the °C/°F button to mute or unmute the device's audible alerts.

5. MAINTENANCE

- Keep the device clean and dry.
- Store in a cool, dry place when not in use.
- Replace the 9V battery when the low battery indicator appears on the LCD screen.
- Do not attempt to open or repair the device yourself. Contact customer support if needed.

6. TROUBLESHOOTING

If you experience issues with your Kiprim WS01 Stud Finder, consider the following:

- **Inconsistent Readings:** Ensure proper calibration before each scan. Recalibrate if the device is lifted or shaken during use. Try scanning the area multiple times from different directions.
- **Difficulty Finding Studs:** Adjust the depth mode (0.5", 1", 1.5") to match your wall thickness. Move the scanner slowly and steadily.
- **Unreliable Metal/AC Detection:** Ensure the correct mode is selected. Calibrate in an area free from the target material. For AC wires, ensure they are live; use Metal Mode for de-energized wires.
- **Battery Issues:** Check the battery level indicator on the LCD. Replace the 9V battery if it's low.

7. SPECIFICATIONS

Specification	Detail
Brand	Kiprim
Model Number	WS01
Power Source	Battery Powered
Battery Type	1 x 9V battery (included)
Material	Acrylonitrile Butadiene Styrene
Item Weight	4.6 ounces (0.13 Kilograms)
Product Dimensions	5.67 x 2.48 x 1.18 inches
Manufacturer	Shenzhen Kepurui Business Co.,Ltd.

8. WHAT'S IN THE BOX?

The Kiprim WS01 Stud Finder package includes:

- 1x Kiprim WS01 Stud Finder
- 1x Multi-Language User Manual
- 1x Quick Start Guide Card
- 1x Storage Pouch
- 1x 9V Battery



Image Description: A flat lay of the Kiprim Stud Finder WS01 and its accessories: the teal and black device, a user manual, a quick start guide, a gray storage pouch, and a green 9V battery, all arranged around the product box.

9. OFFICIAL PRODUCT VIDEOS

Kiprim Stud Finder WS01 Overview

Your browser does not support the video tag.

Video Description: An official product video from Kiprim Direct US showcasing the features and operation of the Kiprim Stud Finder WS01, including its 5-in-1 detection capabilities and ease of use.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Kiprim WS01 Stud Finder, please refer to the contact details provided in the included Multi-Language User Manual or visit the official Kiprim website.