

Zircon SS Pro LCD

Zircon StudSensor Pro LCD Deep-Scanning Stud Finder Instruction Manual

Model: SS Pro LCD

INTRODUCTION

The Zircon StudSensor Pro LCD is an electronic stud finder designed to quickly and easily locate the edges of wood and metal studs and joists behind walls, floors, and ceilings. It features an easy-to-read display, the patented SpotLite Pointing System, and Wire Warning detection for live AC-Voltage.

SAFETY INFORMATION

- Always exercise caution when scanning walls, ceilings, and floors that may contain electrical wiring or plumbing.
- The Wire Warning detection indicates the presence of live, unshielded electrical wiring. Shielded wires may not be detected.
- Do not rely solely on the stud finder to avoid hazards. Always turn off power to circuits before cutting or drilling into walls.
- This tool is intended for indoor use only.

PACKAGE CONTENTS

- Zircon StudSensor Pro LCD Tool
- Instruction Manual (this document)
- How-to Z-Card

PRODUCT FEATURES

- **Stud Scan Mode:** Locates edges of wood or metal studs up to 3/4 inch (19 mm) deep.
- **DeepScan Mode:** Doubles scanning depth to 1-1/2 inches (38 mm) for thicker walls.
- **Easy-to-Read LCD Display:** Clearly indicates stud edges and other information.
- **Patented SpotLite Pointing System:** Shines a beam of light on the wall to identify the target.
- **Audio Tone:** Provides audible alerts when a stud edge is reached.

- **Wire Warning Detection:** Indicates the presence of live, unshielded electrical wiring up to 2 inches (51 mm) deep.
- **"Over-the-Stud" Indicator:** Alerts the user if scanning begins over a stud, prompting a new starting location.
- **TruCal Technology:** Calibrates to any wall's density, with an icon indicating readiness.





Figure 1: Front view of the Zircon StudSensor Pro LCD, showing the display, mode switch, and the SpotLite beam.

SETUP

1. Battery Installation

1. Open the battery compartment cover located on the back of the unit.
2. Insert a new 9V alkaline battery, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

2. Power On and Calibration

1. Place the tool flat against the wall where you intend to scan. Ensure it is not over a stud or dense material.
2. Press and hold the Power Button. The unit will emit a short beep, and the TruCal icon will appear on the LCD, indicating calibration.
3. Keep the tool flat against the wall and still until the TruCal icon disappears and the unit beeps again, signaling successful calibration.
4. If the "over-the-stud" indicator appears, release the Power Button, move the tool to a different location, and recalibrate.

OPERATING INSTRUCTIONS

1. Selecting a Scan Mode

Use the slide switch on the front of the tool to select either **Stud Scan** or **DeepScan** mode.





Figure 2: Side view of the Zircon StudSensor Pro LCD, highlighting the mode selection switch.

2. Scanning for Studs

1. After calibration, keep the Power Button pressed and slowly slide the tool horizontally across the wall surface.
2. As the tool approaches a stud, the LCD display will show increasing bars, indicating proximity.
3. When the tool detects the edge of a stud, the SpotLite Pointing System will illuminate, an audio tone will sound, and the "EDGE" indicator will appear on the LCD. Mark this spot.
4. Continue sliding past the stud until the indicators turn off. Then, slide back from the opposite direction to locate the other edge of the stud. Mark this second spot.
5. The center of the stud is typically between these two marked edges.



Figure 3: A user operating the Zircon StudSensor Pro LCD on a wall to locate studs.

3. Wire Warning Detection

The Wire Warning detection icon will appear on the LCD and an audible alert will sound if live, unshielded AC electrical wiring is detected within approximately 2 inches (51 mm) of the wall surface. This feature is active in both Stud Scan and DeepScan modes.

Warning: Always turn off power to circuits before drilling or cutting into walls.

MAINTENANCE

- Keep the tool clean and dry. Wipe with a soft, damp cloth if necessary. Do not use abrasive cleaners or solvents.
- Remove the battery if the tool will not be used for an extended period to prevent leakage.
- Store the tool in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Dead or incorrectly installed battery.	Replace with a fresh 9V alkaline battery, ensuring correct polarity.
Inaccurate readings or "over-the-stud" indicator appears frequently.	Improper calibration; scanning over dense material or a stud.	Release the Power Button, move the tool to a different, clear spot on the wall, and recalibrate. Ensure the tool is flat against the wall during calibration.
Wire Warning detection is always on or erratic.	Presence of live wiring, or interference from other electronic devices.	Confirm if live wiring is present. Move away from other electronics. Recalibrate in a different area.
Cannot find studs.	Wall material too thick; studs are deeper than scan depth; unusual wall construction.	Switch to DeepScan mode. Try scanning from multiple directions. Note that some materials (e.g., lath and plaster, metallic wallpaper) can interfere with detection.

SPECIFICATIONS

- **Model:** SS Pro LCD
- **Stud Scan Depth:** Up to 3/4 inch (19 mm)
- **DeepScan Depth:** Up to 1-1/2 inches (38 mm)
- **Wire Warning Detection Depth:** Up to 2 inches (51 mm) for live, unshielded AC wires
- **Power Source:** 9V alkaline battery (not included)
- **Operating Temperature:** 20°F to 120°F (-7°C to 49°C)
- **Storage Temperature:** -20°F to 150°F (-29°C to 66°C)
- **Dimensions:** Approximately 6 x 12 x 4 inches (15.2 x 30.5 x 10.2 cm)
- **Weight:** Approximately 9.6 ounces (272 grams) without battery
- **Material:** Plastic
- **Color:** Yellow

WARRANTY AND SUPPORT

Limited Warranty

Zircon Corporation warrants this product to be free from defects in materials and workmanship for **one year**

from the date of purchase. This warranty does not cover damage due to misuse, abuse, or normal wear and tear.

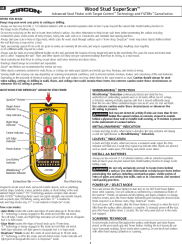
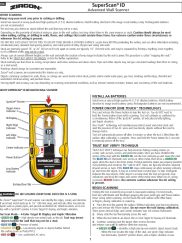
Customer Support

For technical assistance or warranty claims, please visit the official Zircon website or contact their customer service department.

[Visit Zircon's Official Website](#)

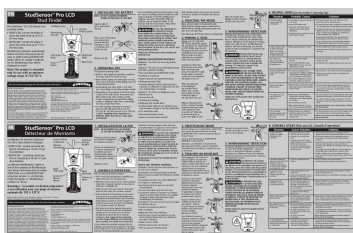
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Related Documents - SS Pro LCD

	Zircon StudSensor Pro SL: Deep-Scanning Stud Finder with SpotLite Pointing System Discover the Zircon StudSensor Pro SL, a deep-scanning stud finder featuring the patented SpotLite Pointing System for accurate detection of wood and metal studs behind walls. Learn about its features, specifications, and TruCal technology.
	Zircon StudSensor Pro SL-AC Stud Finder User Manual Comprehensive guide to using the Zircon StudSensor Pro SL-AC stud finder, detailing installation, calibration, scanning modes, AC voltage detection, and troubleshooting for accurate stud and wire locating.
	Zircon Wood Stud SuperScan Advanced Stud Finder User Manual Comprehensive user manual for the Zircon Wood Stud SuperScan Advanced Stud Finder, detailing features, operating modes (Auto, Edge, DeepScan), WireWarning detection, installation, scanning techniques, and troubleshooting.
	Zircon SuperScan® ID Advanced Wall Scanner: User Manual and Instructions Detailed user manual for the Zircon SuperScan® ID Advanced Wall Scanner. Learn how to detect studs, metal objects, low-density items, and live AC wiring. Includes setup, operation, troubleshooting, and warranty information.

	ZIRCON Ai (A.i) Plus UPS: Line Interactive Power Protection Discover the ZIRCON Ai (A.i) Plus Uninterruptible Power Supply (UPS). Featuring line-interactive technology, AVR stabilization, microprocessor control, and LCD display for reliable power backup and surge protection for PCs, workstations, and gaming setups.
	Leak Alert™ Electronic Water Detector User Manual User manual for the Zircon Leak Alert™ Electronic Water Detector. Provides instructions on installation, testing, placement, troubleshooting, and warranty information for this battery-powered water leak detection device.

Documents - Zircon – SS Pro LCD

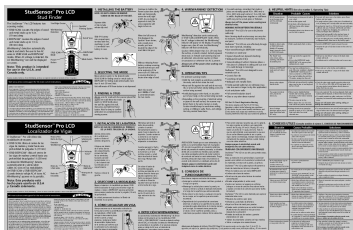


[\[pdf\]](#) Instructions Warranty

StudSensor™ Pro LCD ss pro lcd instructions zircon products edge finders images |||

EN StudSensor™ Pro LCD Stud Finder The StudSensor™ Pro LCD features two scanning modes: STUD SCAN: Locates the edges of wood and metal studs up to 3/4 in. 19 mm deep DEEPSCAN: Locates the edges of wood and metal studs up to 11/2 in. 38 mm deep WireWarning detection automatically detects and...

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StudSensor™ Pro LCD Stud Finder 1. INSTALLING THE BATTERY NOTE: DO NOT LOOSEN OR REMOVE SCREW ON THE BACK OF THE UNIT. The StudSensor™ Pro LCD features two scanning modes: STUD SCAN: Locates the edges of wood and metal studs up to in. 19 mm deep DEEPSCAN: Locates the edges of wood and metal studs...

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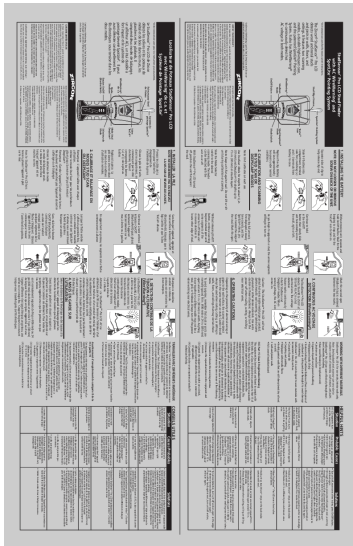


[\[pdf\]](#) Instructions Specifications Datasheet Dimension Guide

StudSensor™ Pro LCD ss pro lcd datasheet zircon product instructions |||

EDGE FINDER StudSensor™ Pro LCD SPECIFICATIONS Dimensions 6.07 in. H x 2.70 in. W x 1.18 in. D 154 mm x 69 mm x 30 mm Weight 4.1 oz. 116 g without battery Battery Type 9-V alkaline not included Position Accuracy* Up to a depth of in. 19 mm : typically within 8 in. 3 mm using the d...

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[pdf] Instructions

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02RevA Instructions |||

StudSensor™ Pro LCD Stud Finder with AC WireWarning and SpotLite Pointing System 1. INSTALLING THE BATTERY NOTE: DO NOT LOOSEN OR REMOVE SCREW ON BACK OF THE UNIT. Without moving unit, squeeze and hold On/Off button. Wait for the beeping to stop and for the TruCal icon to turn on. Mark this seco...

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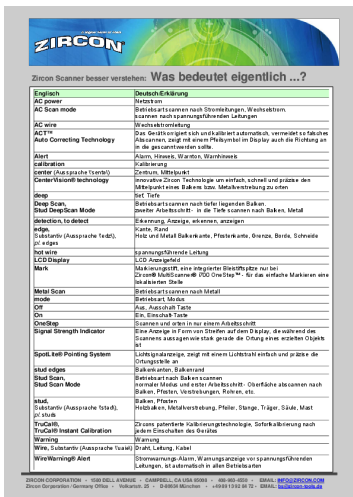


[pdf] Datasheet

SS Pro LCD Datasheet Zircon 2499 uk zircon 2017 06 |||

EDGE FINDING StudSensor™ Pro LCD Deep-Scanning Stud Finder with Easy-to-Read Display Screen, WireWarning Detection, and SpotLite Pointing System StudSensor™ Pro LCD quickly and easily locates the edges of wood and metal studs and joists behind walls, floors, and ceilings. Its easy-to-read display ...

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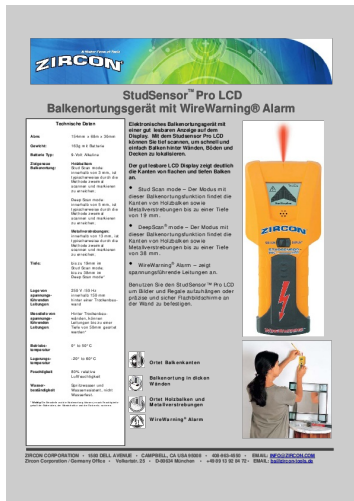


[pdf] User Manual Datasheet Declaration of Conformity

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Zircon Scanner besser verstehen: Was bedeutet eigentlich ... Englisch AC power AC Scan mode AC wire ACTTM Auto Correcting Technology Alert calibration center Aussprache sent CenterVision technology deep Deep Scan, Stud DeepScan Mode Deutsch/Erklrung Netzstrom Betriebsart scannen nach Stromle...

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[pdf] User Manual Datasheet Declaration of Conformity

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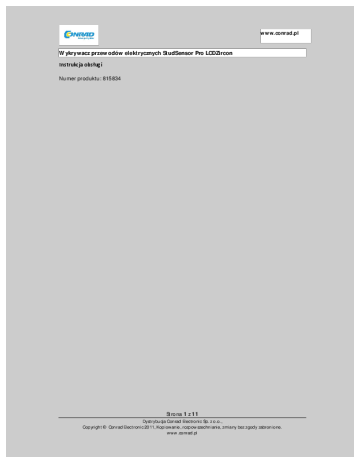
StudSensorTM Pro LCD Balkenortungsgerät mit WireWarning Alarm Technische Daten

Abm: Gewicht: Batterie Typ: Zielgenaue Balkenortung: Tiefe: 154mm x 68mm x 30mm

163g mit Batterie 9-Volt Alkaline Holzbalken: Stud Scan mode: innerhalb von 3 mm,

ist typischerweise durch die Methode zweimal scannen und m...

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Wykrywacz przewodów elektrycznych StudSensor Pro LCDZircon StudSensor™ LCD jest w stanie

wykrywać przewody będące pod napięciem od 90 do 250V i przenoszące prąd o częstotliwości 50 60 Hz

Funkcja ta działa zarówno instrukcja obsługi 815834 wykrywacz przewodow zircon ss pro lcd 62147

asset conrad media10 add 160267 c1 pl 000815834ML04 |||

Wykrywacz przewodw elektrycznych StudSensor Pro LCDZircon Instrukcja obsługi

Numer produktu: 815834 www.conrad.pl Strona 1 z 11 Dystrybucja Conrad Electronic

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