

# MultiScanner® A250

## 4-Mode Multifunctional Wall Scanner with Backlit Display



MultiScanner® A250 is an all-in-one tool complete with stud finding, metal detecting, and live AC scanning capabilities. Equipped with a 4-mode switch, the A250 is able to smoothly transition between scanning modes. This tool's dedicated AC Scan Mode uses the backlit LCD screen to display bars indicating when the tool is moving towards the source of live AC voltage or away. The SpotLite® Pointer, ultra-bright LCD screen, and audio tone indicate the location of the specified target.

- **StudScan Mode** locates the center, edges, and direction of wood and metal studs up to ¾ in. (19 mm) deep
- **DeepScan® Mode** doubles the scanning depth to locate the center, edges, and direction of wood and metal studs up to 1½ in. (38 mm)
- **Metal Scan Mode** locates non-ferrous metal, such as copper pipe, up to 1½ in. (38 mm) deep, and ferrous metal, such as rebar, up to 3 in. (75 mm) deep
- **AC Scan Mode** locates live, unshielded AC electrical wiring up to 2 in. (50 mm) deep
- **WireWarning® Detection** indicates the presence of live, unshielded AC electrical wiring up to 2 in. (50 mm) deep in stud and metal scanning modes
- **ACT™ (Auto Correcting Technology)** automatically recalibrates the MultiScanner® when needed. ACT™ also corrects common errors, such as when scanning begins over a stud
- **Low Battery Indicator** alerts the user to replace the battery with a brand new battery with an extended expiration date for optimum performance
- **Signal Strength Indicator** helps to distinguish between shallow and deep targets
- **SpotLite® Pointer** shines an arrow-shaped light on the scanned surface to clearly indicate the location of the target
- **Translucent base and illuminated "V" marker groove** provides more accurate marking of target location
- **Ergonomically designed grip** allows a comfortable hold on the tool for any size hand, at any angle



Find Stud Center



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection



Scan for Metal



Scan for Electrical



### SPECIFICATIONS

**Dimensions** 7.72 in. H x 3.23 in. W x 1.80 in. D (196 mm x 82 mm x 46 mm)

**Weight** Weight 8.13 oz. (230 g) without battery

**Battery Type** 9V alkaline, required

**Position Accuracy\*** **Up to a depth of ¾ in. (19 mm):** Typically within ¼ in. (3 mm)  
**Up to a depth of 1½ in. (38 mm):** Typically within ¾ in. (5 mm)  
**In Metal Scan Mode:** Typically within ½ in. (13 mm) using the dual scan and mark procedure

**Depth\*** **StudScan Mode:** Up to ¾ in. (19 mm)  
**DeepScan® Mode:** Up to 1½ in. (38 mm)  
**Metal Scan Mode:** Up to 1½ in. (38 mm) for copper, up to 3 in. (75 mm) for rebar

**AC & WireWarning® Position Accuracy\*** Typically 90-250 V at 50-60 Hz within 6 in. (152 mm) of a hot unshielded wire in drywall

**AC & WireWarning® Depth\*** In typical wall with Romex® wiring, wire can be detected up to 2 in. (50 mm) deep

**Operating Temperature** 20° to 105°F (-7° to 41°C)

**Storage Temperature** -20° to 150°F (-29° to 66°C)

**Humidity** 5-90% RH (non-condensing)

**Water Resistance** Splash and water resistant, not waterproof

**\*NOTE: USE ONLY IN ACCORDANCE WITH A250 INSTRUCTIONS.** Sensing depth and accuracy can vary depending on scanning environment conditions such as mineral contents, moisture, texture and consistency of the wall materials. **Indoor use only.**