

# ZIRCON®

## MultiScanner® HD800

STUD FINDER / DETECTOR DE VIGAS

CENTER FINDING / DETECCIÓN DE CENTRO

### Multifunction Wall Scanner with Metal Scan and Backlit Display



MultiScanner® HD800 quickly and easily locates the center and edges of wood and metal studs and joists behind walls, floors, and ceilings. It also locates metal targets up to 3 in. (76 mm) deep. A 3-mode switch makes it easy to change functions, while the backlit display screen, SpotLite® Pointer, and audio tone all indicate the location of the target. The signal strength indicator helps to distinguish between shallow and deep targets.

- **StudScan mode** locates the center, edges, and direction of wood or metal studs up to ¾ in. (19 mm) deep
- **DeepScan® mode** doubles the scanning depth to 1½ in. (38 mm)
- **WireWarning® detection** indicates the presence of live, unshielded AC electrical wiring up to 2 in. (51 mm) deep in stud and metal scanning modes
- **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. (76 mm) deep
- **ACT™ (Auto Correcting Technology)** automatically corrects common errors, such as when scanning begins over a stud
- **Backlit LCD display with Target Spotlight** indicates the direction and edge of the stud and illuminates when the center of the stud is detected
- **Low battery indicator** for optimum performance
- **Signal Strength indicator** helps to distinguish between shallow and deep targets
- **SpotLite® Pointer** shines an arrow-shaped light on the wall to clearly indicate the center of the stud
- **Translucent base and illuminated “V” marker groove** for more accurate marking of target location



Find Stud Center



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection



Scan for Metal

<b>Dimensions</b>	7.67 in. H x 3.19 in. W x 1.58 in. D (195 mm x 81 mm x 40 mm)
<b>Weight</b>	8.11 oz. (230 g) without battery
<b>Battery Type</b>	9-V alkaline, required
<b>Position Accuracy*</b>	<b>Up to a depth of ¾ in. (19 mm):</b> Typically within ⅛ in. (3 mm) <b>Up to a depth of 1½ in. (38 mm):</b> Typically within ⅜ in. (5 mm) <b>In Metal Scan mode:</b> Typically within ½ in. (13 mm) using the dual scan and mark procedure

<b>Depth*</b>	<b>Stud Scan mode:</b> Up to ¾ in. (19 mm) <b>DeepScan® mode:</b> Up to 1½ in. (38 mm) <b>Metal Scan Mode:</b> Up to 1½ in. (38 mm) for copper, up to 3 in. (76 mm) for rebar.
<b>WireWarning® Position Accuracy*</b>	Typically 90-250 V at 50-60Hz within 6 in. (152 mm) of a hot unshielded wire
<b>WireWarning® Depth*</b>	In typical wall with Romex® wiring, wire can be detected up to 2 in. (51 mm) deep

<b>Operating Temperature</b>	40° to 120°F (4° to 49°C)
<b>Storage Temperature</b>	14° to 140°F (-10° to 60°C)
<b>Humidity</b>	80% RH (non-condensing)
<b>Water Resistance</b>	Splash and water resistant, not waterproof

\*NOTE: Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, paint, etc. Indoor use only.

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