

# SuperScan<sup>®</sup> A2 | Advanced Stud Finder



Featuring new, revolutionary Target Control<sup>®</sup> (TC<sup>™</sup>) Level 1 Technology. The Zircon<sup>®</sup> SuperScan<sup>®</sup> A2 advanced stud finder is tuned to find clean, wood studs while filtering out metallic false positive objects, such as plumbing, conduit, straps, brackets, or ducts, hiding behind surfaces. The LoLevel<sup>™</sup> and MetalliWarning<sup>™</sup> Indicators alert to the presence of dangerous, deep, less dense false positives, and metal targets, reducing the chance of accidentally drilling into a piece of metal, plastic piping, or PEX tubing. With the addition of Zircon's proprietary DeepScan<sup>®</sup> mode, users can increase scanning power when necessary, making for a more robust and multifunctional tool.

The SuperScan<sup>®</sup> A2 offers three distinct detection modes - TC<sup>™</sup>, StudScan, and DeepScan<sup>®</sup>. A 2-mode switch makes it easy to toggle between functions, while the ColorTrip<sup>®</sup> Display conveniently details information. The screen illuminates pale blue in TC<sup>™</sup> mode and locates the center, edges, and direction of wood studs, while also enabling the user to identify 'safe-to-drill' zones by utilizing the new 'Trust but Verify' technique. When TC<sup>™</sup> mode is off, the tool will perform in StudScan mode indicating the center, edges, and direction of both wood and metal studs. DeepScan<sup>®</sup> mode doubles the scanning depth to reach deeper targets beneath extra layers of drywall or paneling. The Target Spotlight illuminates on screen when the center of a stud is found and SpotLite<sup>®</sup> Pointer shines on the scanned surface.

- **NEW!** – Target Control<sup>®</sup> (TC<sup>™</sup>) Mode locates the center, edges, and direction of wood studs, and not metal, up to ¾ in. (19 mm) deep behind surfaces. Identifies 'safe-to-drill' zones between adjacent drywall screws, nails, or protector plates
- StudScan Mode locates center, edges, and direction of wood and metal studs up to ¾ in. (19 mm) deep
- DeepScan<sup>®</sup> Mode doubles the scan depth of wood and metal studs up to 1½ in. (38 mm) deep
- WireWarning<sup>®</sup> Detection alerts to live, unshielded AC wires up to 2 in. (50 mm) deep
- LoLevel<sup>™</sup> Indicator displays low (weak) signal objects, such as plastic water pipes while in TC<sup>™</sup> mode
- Signal Strength Indicator helps distinguish between shallow and deep targets while in StudScan and DeepScan<sup>®</sup> modes
- MetalliWarning<sup>™</sup> Indicator turns on when metal objects are detected in all modes
- ACT<sup>™</sup> (Auto Correcting Technology) automatically corrects common errors, such as when scanning begins over a stud
- Target Spotlight illuminates on screen when stud center is detected
- ColorTrip<sup>®</sup> Display illuminates pale blue in TC<sup>™</sup> mode, green in DeepScan<sup>®</sup> mode, and red to alert the presence of live AC electricity
- SpotLite<sup>®</sup> Pointer shines an arrow-shaped light on the scanned surface to indicate the center of a stud
- "V" marker groove enables accurate marking of stud location
- Low Battery Indicator for optimum performance (9V battery required, not included)

- Stud Center Finding
- LoLevel<sup>™</sup>/Signal Strength Indicator
- MetalliWarning<sup>™</sup> Detection
- WireWarning<sup>®</sup> Detection
- DeepScan<sup>®</sup> Mode
- Target Control<sup>®</sup> Technology

## Specifications

<b>Dimensions</b>	7.9 in. x 3.5 in. x 1.9 in. (200 mm x 89 mm x 48 mm)	<b>WireWarning<sup>®</sup> Depth</b>	Up to 2 in. (50 mm) deep
<b>Weight</b>	8.0 oz. (226g) (no battery)	<b>Operating Temperature</b>	40° to 120°F (4° to 49°C)
<b>Battery Type</b>	9V alkaline battery required, not included	<b>Storage Temperature</b>	20° to 140°F (-7° to 60°C)
<b>Position Accuracy</b>	Up to a depth of ¾ in. (19 mm) typically, within ⅛ in. (3 mm)	<b>Humidity</b>	5-95% RH (non-condensing)
<b>Depth</b>	<b>Target Control<sup>®</sup> mode:</b> up to ¾ in. (19 mm) <b>StudScan mode:</b> up to ¾ in. (19 mm) <b>DeepScan<sup>®</sup> mode:</b> up to 1½ in. (38 mm)	<b>Water Resistance</b>	Splash and water resistant, not waterproof
<b>WireWarning<sup>®</sup> Position Accuracy</b>	Typically, 120-230V at 50-60Hz within 6 in. (150 mm) of hot unshielded wire in drywall	<b>*NOTE: USE ONLY IN ACCORDANCE WITH SUPERSCAN<sup>®</sup> A2 INSTRUCTIONS.</b> See tool's instructions for more information. Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, paint, etc. Not recommended for use on lath and plaster. <b>Indoor use only.</b>	

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