**OPERATING TIPS**

*The Stud Sensor 300 is designed for use on any interior surfaces.*

### Personal Precautions

- To ensure best performance from the Stud Sensor 300, keep your free hand at least 12 inches away from the wall and skin coming into contact with scanning surfaces.

### Conventional Construction

- Decks and masonry are commonly confused with additional studs and beams. False stability. The Stud Sensor 300 detects the edges of these double studs and solid beams as a single stud and will not properly calibrate.

- The Stud Sensor 300 will not detect objects in concrete, mortar, block or brick masonry, steel reinforcing rods or nails; steel reinforcing rods or nails; metal, or over a wet or newly painted area, or it will not properly calibrate.

### Automatic Calibration Procedure

- Use a set-in-steel stud to help ensure correct stud detection. To get the most accurate results, then re-scan a few stud locations. Each stud will beep and the display will simultaneously be noted to be the best and most accurate. Be sure the unit is held at a right angle.

- When the unit is calibrated the “Ready” icon will appear on the LCD. The “AC TRACKING” icon will be illuminated on the LCD.

### Warning!

- Keep the Stud Sensor 300 in the handle area only. Do not allow the unit to come in contact with any part of the user’s body. Always hold the Stud Sensor 300 in the handle area only. Always hold the unit in the handle area only. Never place the unit on the floor or other surfaces.

### AC TRACKING Mode

- When the unit is calibrated, the “AC TRACKING” icon will appear on the LCD. The unit will display live AC wires in the area of the wall that is scanned. The unit will display the position of any live AC wires detected within the range of the sensor. The unit will display the position of any live AC wires detected within the range of the sensor.

### NATURAL Mode

- When the unit is calibrated, the “NATURAL” icon will appear on the LCD. The unit will display the position of any natural stud(s) detected within the range of the sensor. The unit will display the position of any natural stud(s) detected within the range of the sensor.

### Static Electrical Charges

- Static electrical charges that can develop on drywall and other surfaces may produce false signals. Insure proper detection of live wires. Always hold the Stud Sensor 300 in the handle area only. Always hold the Stud Sensor 300 in the handle area only.

### IMPORTANT SAFETY NOTICE

- The thickness, density and moisture content of the surface material will affect the sensing accuracy of the Stud Sensor 300. Any attempt to repair the product by other than factory authorized personnel will void this warranty. Stanley Tools warrants the Stud Sensor 300 against defects in material and workmanship for one year from the date of purchase. Stanley’s liability under this warranty is limited to the replacement of the Stud Sensor 300 only.

### SPECIFICATIONS

- **Depth Range:**
  - Wood to Metal Struts
  - (AC TRACKING mode):
    - Metal: 1 1/2” to 4” (39 mm to 102 mm) for wood
    - Wood: 3/8” (9.5 mm) for metal
  - Natural: 3/8” (9.5 mm) for wood
  - Metal: 1 1/2” to 4” (39 mm to 102 mm) for wood
  - Metal: 3/8” (9.5 mm) for metal
  - Wood: 12” (304 mm) for metal
  - Wood: 3/8” (9.5 mm) for metal
  - Wood: 1 1/2” to 6” (38 mm to 152 mm) for metal
  - Wood: 3/8” (9.5 mm) for metal

### Operating Temperature

- **Surface Temperature:**
  - 32°F to 122°F (0°C to 50°C)

### Surface Temperature

- **Surface Temperature:**
  - 32°F to 122°F (0°C to 50°C)

### Batteries

- **9 volt Alkaline Type 6LR61 (not included)**