

Model: SW-109K (Stud Finder)
Date: June 13,03

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85-109-K01-002

STRAIT-LINE®

STUD FINDER



OWNER'S MANUAL

CAUTION:

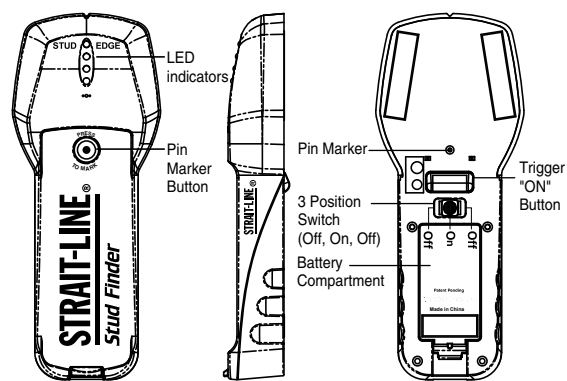
Keep the tool out of the reach of children and other untrained persons.
Remove the battery when storing the tool for an extended time to avoid damage to the tool should the battery deteriorate.

This Stud Finder is designed for use on dry interior walls only.
Do not nail, drill, or cut into a wall that has electrical wiring or hidden water pipes as this may result in serious injury. If electrical wiring is contained in the wall, turn the circuit off before cutting into the wall.

It is possible for the Stud-Finder to detect wiring and/ or water pipes, but this tool is primarily designed for detecting wood and metal studs on drywall up to 1-1/2" deep. Studs or joists are normally spaced at 16" (410mm) or 24"(610mm) apart and have an edge width of 1-1/2". Anything detected closer together or a different width may not be a stud, joist or firebreak.

TECHNICAL SPECIFICATIONS:

Recommended use: Indoor
Operational range: Up to 1-1/2" (Wood Stud)
Up to 1-1/2" (Metal Stud)
(Drywall thickness)
Power supply: one 9V block battery (not included)
Battery life: Minimum 20 hrs of continuous operation with Alkaline battery
Operating temperature: 32°F to 104°F (0°C to 40°C)
Dimensions: 6-13/16" / 173mm x 2-3/4" / 70.1mm x 1-3/16" / 30mm
Weight (estimate): 3-1/2 oz / 100g (Excluding battery)
Center Accuracy: +/- 1/4" for wood and metal studs



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POWER SUPPLY:

The tool requires one 9 volt battery to operate (not included).

BATTERY INSTALLATION:

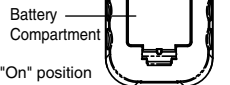
- Open battery door at base of tool.
- Plug one 9 volt block battery onto the battery connector.
- Close battery compartment door.

IMPORTANT NOTE:

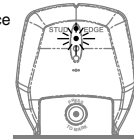
- When the battery is low, the upper green LED will blink continuously. Replace with new battery according to instructions.

HOW TO USE YOUR STRAIT-LINE® STUD FINDER

1. First, slide the 3 position switch to the "On" position on the back of the unit.



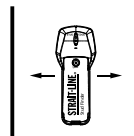
2. Hold the Stud Finder in still position flat on testing surface for approximately 5 seconds until the upper red LED is OFF and the "beep" sound stops. This indicates successful calibration. It is important that the unit is not calibrated over a stud.



IMPORTANT NOTES:

- Do not move the unit during calibration phase.
- When the unit is beeping continuously during calibration, you might have calibrated over a metal pipe. Move the unit 5" to 8" left or right, turn off the unit and start calibration again.

3. To start scanning, hold Stud Finder on testing surface and slowly slide it sideways.



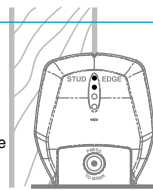
IMPORTANT NOTE:

- When holding the unit, your hand should remain in the same position during calibration and scanning.

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4. When stud edge is detected, the upper red indicator LED will turn on and "beep" sound will be generated continuously. Press pin marker button to mark the spot. Continue to move slowly in the same direction until the upper red LED is off and beeping stops. Move in reverse to locate the other edge. Mark this spot again. User can now find the middle point for nailing or drilling.



IMPORTANT NOTES:

- While scanning, the unit must remain in contact with the surface. If the tool lifts from the surface, the unit will turn off and recalibration is required.
- If the red indicator light does not turn off during calibration, you may have calibrated over a surface that exceeds the maximum scan depth of the unit. Turn off the unit and start calibration again by moving the unit 5" to 8" left.
- This unit finds stud edges.

CARE AND HANDLING:

- The Stud Finder is a precision instrument which must be handled with care.
- Avoid shock, vibrations and extreme heat.
- Check battery regularly to avoid deterioration.
- Keep the tool dry and clean.
- Remove battery if the tool is to be stored for an extended period of time.

WARRANTY:

Each STRAIT-LINE® tool is warranted to be free from defects in material and workmanship for a period of one year from the date of purchase. During the warranty period, should the tool fail to operate under normal conditions and be deemed defective by the manufacturer, the manufacturer reserves the right to repair or replace the product.

This warranty does not apply to any damage resulting from, but not limited to, the following: abuse, negligence, accident, water, being dropped from more than 3 feet, any uses for which the tool is not designed, and/or if repairs have been made or attempted by others. Disassembling the laser tool will also void the warranty.

Return all parts of the broken tool to Newell Rubbermaid™
Huntersville, NC 28078-1801 USA, for a free repair or replacement if warranty applies.

In Australia or New Zealand, return all parts of the broken tool to Newell Rubbermaid Pty, LTD. 44-48 Rocco Drive, Scoresby Victoria 3179, Australia, for a free repair or replacement if warranty applies.

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