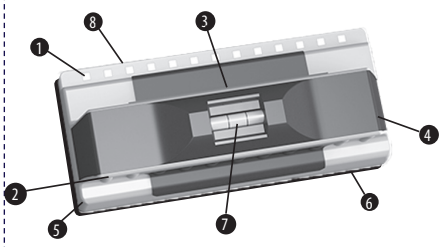
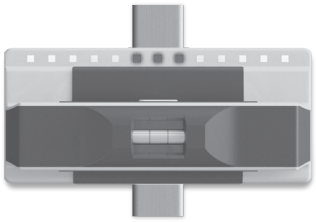
Stud Finder Instructions

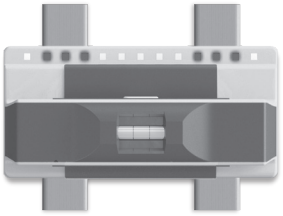


1 LED Lights
2 Ergonomic Handle
3 "On" Button
4 Battery Cover
5 Detector Housing
6 Sensor Board
7 Bubble Level
8 Ruler

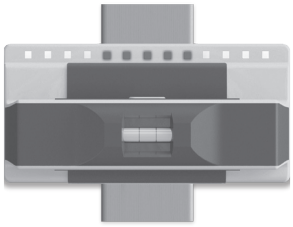
TO OPERATE:



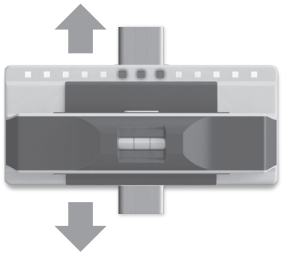
- Hold the stud finder by the handle. Do not touch the detector outside of the handle area while scanning.
- Place the ProSensor 710+ firmly against the surface and press the "on" button. Continue to hold the "on" button down.
- LED lights will immediately display the location of any hidden objects.
- The "on" button may be pressed before or after placing the stud finder on the surface to be scanned. The stud finder will detect studs without sliding the stud finder across the wall, but will also operate correctly if it is slid across the wall.



- If more than one hidden object is present, the stud finder will show the location of more than one hidden object.



- LED lights indicate the width of hidden object(s).



- On some surfaces it may be helpful to slide the stud finder up and down to confirm the location of a stud.

SENSING THROUGH DIFFERENT MATERIALS:

Moisture

The scanned surface should be clean and dry. Paint and wallpaper need to be completely dry before scanning for studs. It may take up to 2 weeks for wallpaper to dry enough to detect studs.

Curved Surfaces

There is a minor degree of curvature in the walls of most homes and buildings. The curvature is small enough that it may not be noticed. The ProSensor 710+ can detect objects through curved surfaces because the ProSensor 710+ has a sensor board that bends slightly to match the contour of most walls. Press the stud finder firmly against the surface and the sensor board will match the contour of the surface, and provide the best reading.

Foil-Backed Insulation

Although foil covered insulation is not very common, metal foil can cause inconsistent readings with all electronic stud finders, including the ProSensor 710+.

Metallic Content in Wallpaper

Wallpaper with metallic content can block the detector's signals.

Textured Walls and Acoustic Ceilings

The ProSensor 710+ is capable of detecting studs through many textured surfaces. The stud finder should be placed firmly against the surface for best results.

Lath and Plaster

Irregularities in plaster thickness and variations in construction materials can make it difficult to locate studs behind lath and plaster walls. Also, if the plaster has a mesh reinforcement, the stud finder may not be able to detect through the metal mesh. Although many users have success with the ProSensor 710+ on lath and plaster walls, there is no guarantee the ProSensor 710+ will work on all lath and plaster walls.

Tile, Flooring, Roofing, and Outside of House

The ProSensor 710+ works by measuring the density of material behind the sensors to determine the location of studs. Due to the variability in the density of materials in tile, flooring, roofing, and on the outside of the house, we do not recommend the ProSensor 710+ for use in these applications.

BATTERIES

The ProSensor 710+ uses 2 AA batteries. Use alkaline batteries only; do not use rechargeable batteries. Replace both batteries at the same time.

REPLACING THE BATTERIES

- Remove battery cover, by sliding the cover to the left and lifting. Remove batteries and dispose of the batteries properly. Please recycle.
- Replace with 2 new AA alkaline batteries.
- Replace battery cover. Close battery cover by sliding the cover to the right until it snaps into place.

CONDITION	PROBABLE CAUSE	SOLUTION
No LED lights	Weak battery	Replace with 2 new AA alkaline batteries.
Stud finder only works momentarily.	The "on" button isn't being held down	Hold the "on" button down until you have completed your scan
The LED lights are indicating the location of pipes and wires, not just studs	The ProSensor 710+ indicates the location of inconsistencies. The LED lights may indicate the location of a pipe, electrical wiring, other objects near the surface material or paint etc.	Look for evenly placed studs on either side (16", 24", on center, etc.) Scan above the location and below the location to confirm results. Use caution before penetrating wall. See the SAFETY RULES FOR THE PROSENSOR 710+.
Difficulty starting a scan near doors and windows.	Double studs, triple studs and solid headers are often present around doors and windows. The stud finder requires the presence of a region without studs to correctly identify studs.	Begin the scan away from the window or door, then move the stud finder to the area around the window or door. For best results, keep stud finder 3" away from wood trim, outlets, switches, etc.
Stud finder doesn't work through new wall paper.	The moisture in the wall after wall papering can block the stud finder's signal.	Wait until the wallpaper is dry. It may take up to 2 weeks for the paper to dry sufficiently.
My house was built prior to about 1960. The walls are lath and plaster. The stud finder doesn't work very well anywhere in my house.	Older houses that were built with lath and plaster, instead of sheet rock, often have too much inconsistency in the walls for the detector to work reliably.	Try using the stud finder at a higher point on the wall, or a lower point on the wall.
Inconsistent readings.	Curved surface	Press the stud finder firmly against the wall so that the contour of the sensor board matches the slight contour of the wall.Test at a higher location, or lower location
	Anomaly in the surface material.	Test at a higher location, or lower location on the wall.
	Sometimes after scanning the wall for a period of time the readings seem to be less consistent.	Release the button and press the button again.
When I put my hand in front of the sensor board, the readings are not what I would expect.	The stud finder is designed for detecting features in walls, not hands.	Place the stud finder on the wall to detect