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› [Franklin Sensors 710 Professional Stud Finder with 13-Sensors Wood & Metal Stud Detector/Wall Scanner, Made in the USA Yellow Precision Stud Finder](#)

## Franklin Sensors ProSensor 710

# Franklin Sensors 710 Professional Stud Finder User Manual

Brand: Franklin Sensors | Model: ProSensor 710

## PRODUCT OVERVIEW

The ProSensor 710 incorporates innovative stud sensing technology that instantly finds hidden studs. No sliding is required. This patent-pending detector senses the wall in thirteen locations simultaneously, then immediately illuminates the display elements that are in front of a stud. The ProSensor 710 is faster, less error prone and more accurate than other products on the market. It is the easy way to find studs.



Figure 1: Front view of the Franklin Sensors 710 Professional Stud Finder.

## SETUP

## Battery Installation

The Franklin Sensors 710 Professional Stud Finder requires two (2) AA batteries for operation. Batteries are not included with the device. To install batteries:

1. Locate the battery compartment cover on the back of the device.
2. Slide or unclip the cover to open the compartment.
3. Insert two AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover securely.

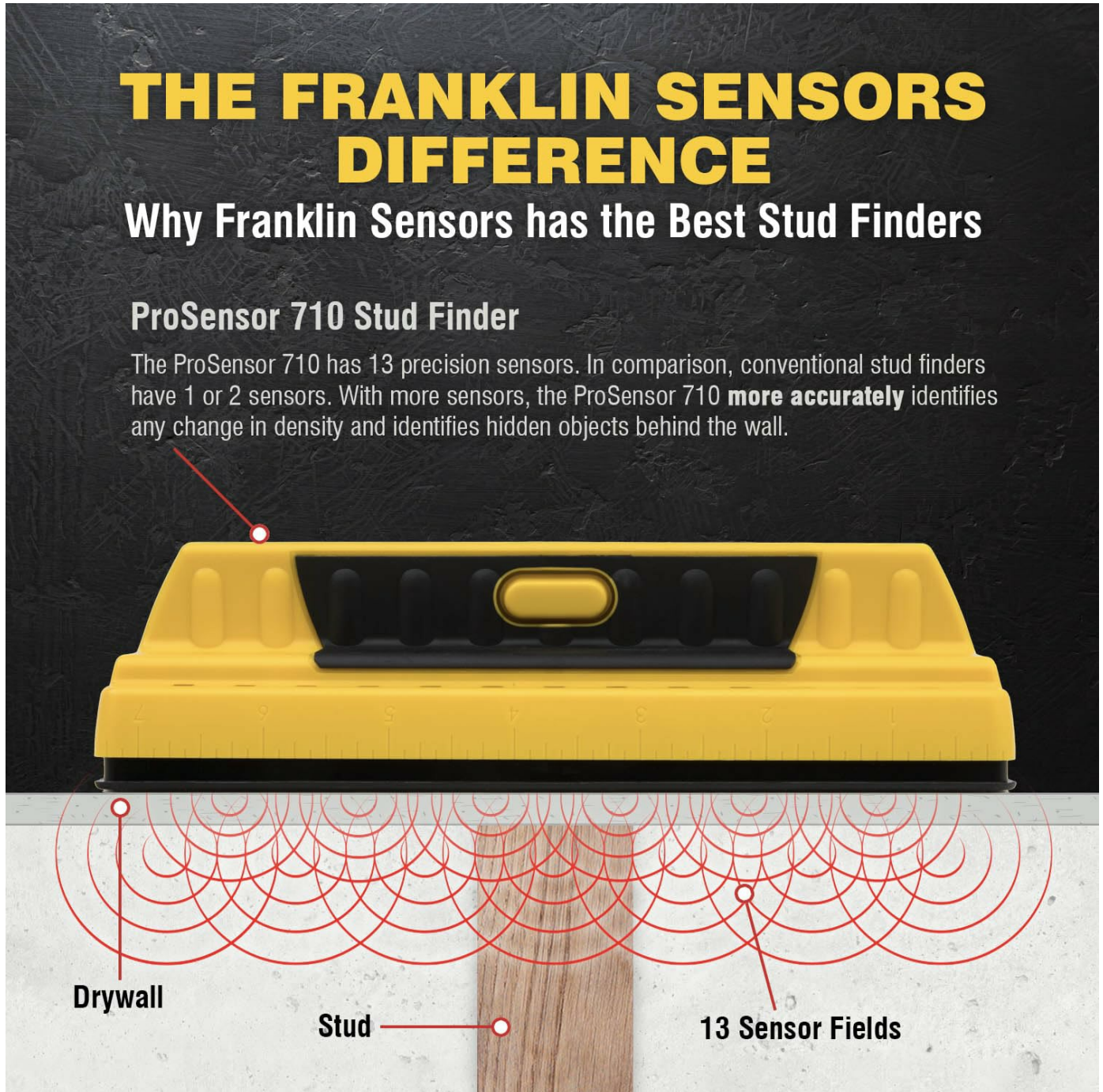


Figure 2: Back view of the stud finder, indicating the battery compartment location.

## Initial Use

The ProSensor 710 is designed for immediate use without the need for manual calibration. Once batteries are installed, the device is ready to operate.

## OPERATING INSTRUCTIONS

The Franklin Sensors 710 Professional Stud Finder utilizes 13 patented sensors to accurately detect studs and other hidden objects behind walls. Follow these steps for optimal performance:

1. **Hold Button Down:** Place the stud finder flat against the wall surface where you wish to locate a stud. Press and hold the large button located on the top of the device. The device will instantly activate.
2. **Scan the Wall:** Slowly slide the device horizontally across the wall. The 13 LED lights on the top of the device will illuminate to indicate the presence and width of a stud.
3. **Identify Stud Center and Edges:** The LED display shows the full width of the stud. The green light in the center indicates the precise middle of the stud, while the red lights on either side show its edges.
4. **Mark Location:** Once the stud is located and its width is displayed, mark the center and edges on the wall for accurate drilling or mounting.

The device automatically adjusts for depth through one layer of sheetrock/drywall, providing accurate readings without complex settings.



Figure 3: Visual representation of the stud finder's operation, highlighting its simplicity, ease of use, and accuracy in displaying stud edges and center.

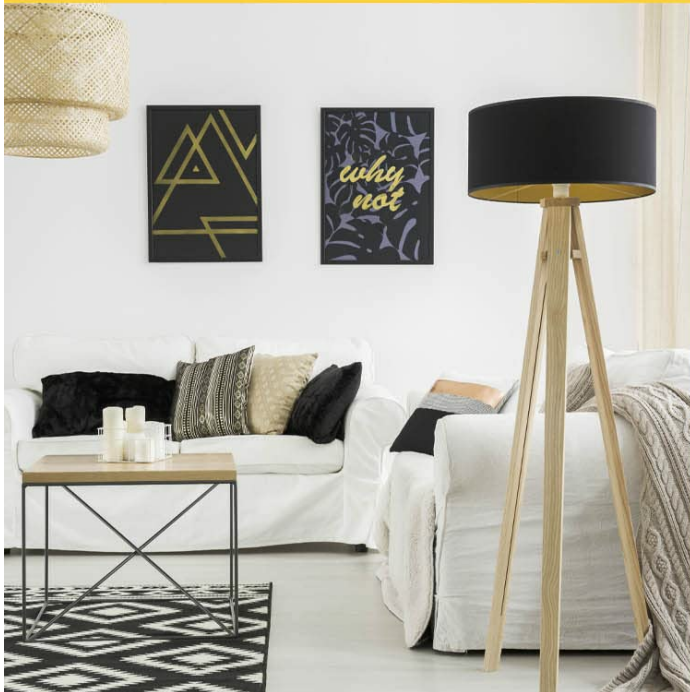


Figure 4: A hand holding the stud finder against a wall, with the LED lights illuminated to show a detected stud.



## FIND THE STUD EVERY TIME

The ProSensor 710+  
Shows the Center and Edges of Studs Simultaneously



## ACCURATE & EASY

13 Sensors Instantly and Accurately  
Find the Stud Location

Figure 5: A user demonstrating the stud finder in a practical setting, locating studs before a home improvement task.

## MAINTENANCE

To ensure the longevity and optimal performance of your Franklin Sensors 710 Professional Stud Finder, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth after each use to remove dust and debris. Do not use abrasive cleaners or solvents, as these can damage the plastic casing or electronic components.
- **Storage:** Store the stud finder in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if the device will not be used for an extended period to prevent battery leakage and potential damage.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts, as this can affect its internal sensors and accuracy.

## TROUBLESHOOTING

If you encounter issues with your Franklin Sensors 710 Professional Stud Finder, consider the following common troubleshooting steps:

- **Device Not Turning On:**

- Check if the batteries are inserted correctly with the proper polarity.
- Replace old or depleted batteries with fresh AA batteries.
- Ensure the power button is fully pressed and held during operation.

- **Inaccurate Readings or No Detection:**

- Ensure the device is held flat against the wall surface. Any gaps can affect accuracy.
- Move the device slowly across the wall. Rapid movement may lead to missed detections.
- The device is designed for drywall/sheetrock. Performance may vary on other materials (e.g., plaster, lath, concrete).
- Thick or uneven wall textures might affect detection. Try scanning in a different area or with lighter pressure.

- **LEDs Flashing Erratically:**

- This could indicate low battery power. Replace the batteries.
- Ensure there are no external interferences (e.g., strong electromagnetic fields) nearby.

If problems persist after attempting these steps, please refer to the Warranty and Support section for further assistance.

## SPECIFICATIONS

<b>Manufacturer</b>	Franklin Sensor
<b>Model Number</b>	ProSensor 710
<b>Item Weight</b>	9 ounces
<b>Product Dimensions</b>	7 x 3.4 x 2 inches
<b>Country of Origin</b>	USA
<b>Batteries Required</b>	2 AA batteries (not included)
<b>Power Source</b>	Battery-Powered
<b>Voltage</b>	3 Volts
<b>Measurement Accuracy</b>	Laterally accurate within 0.25 inch, measurement depth 1.5 inch
<b>Color</b>	Yellow
<b>Material</b>	Electronic Components, Plastic

## WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Franklin Sensors website or contact their customer service directly. The product includes an Instructions for Use (IFU) document, which can be found online or through the manufacturer's resources.

You can also find additional information and resources on the [Franklin Sensors Store on Amazon](#).

