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## Franklin Sensors M10

# ProSensor M10 Center Stud Finder Instruction Manual

FRANKLIN SENSORS

Model: M10

## 1. INTRODUCTION

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The Franklin Sensors ProSensor M10 is an advanced stud finder designed for accurate and easy detection of wood and metal studs behind drywall. Its patented multi-sensor technology provides a clear indication of stud edges and center, making your home improvement projects simpler and more precise.

This manual provides detailed instructions on how to set up, operate, and maintain your ProSensor M10 stud finder for optimal performance.



Figure 1: Franklin Sensors ProSensor M10 Stud Finder

## 2. SETUP

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### 2.1 Battery Installation

The ProSensor M10 requires two (2) AAA batteries (not included). To install the batteries:

1. Locate the battery compartment cover on the back of the unit.
2. Slide the cover open.
3. Insert two (2) AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.



Figure 2: Battery compartment for 2 AAA batteries

### 2.2 Initial Placement

Before scanning, place the unit firmly against the wall where you intend to begin your scan. Ensure the entire back surface of the stud finder is flat against the wall.

# FRANKLIN SENSORS®

PROFESSIONAL STUD FINDERS



**SIMPLE.**

**EASY.**

**ACCURATE.**

## Different Look. Better Results.

With patented multi-sensor technology, Franklin Sensors stud finders are the only stud finders that generate a clear picture of the center AND edges of each stud.

Figure 3: Place unit firmly on the wall

## 3. OPERATING INSTRUCTIONS

### 3.1 Basic Operation

1. Place the ProSensor M10 flat against the wall.
2. Press and hold the button located on the side of the unit. The LEDs will quickly illuminate, indicating the unit is ready for scanning.
3. Slowly slide the unit horizontally across the wall. As the unit approaches a stud, the red LEDs will illuminate in sequence, indicating proximity.
4. When the center LED turns green, you have located the center of a stud. Mark this spot with a pencil using the notch at the top of the unit.

# THE FRANKLIN SENSORS DIFFERENCE

## Why Franklin Sensors has the Best Stud Finders

### ProSensor M10 Stud Finder

The ProSensor M10 has 3 precision sensors. In comparison, conventional stud finders have 1 or 2 sensors. With more sensors, the ProSensor M10 **more accurately** identifies any change in density and identifies hidden objects behind the wall.

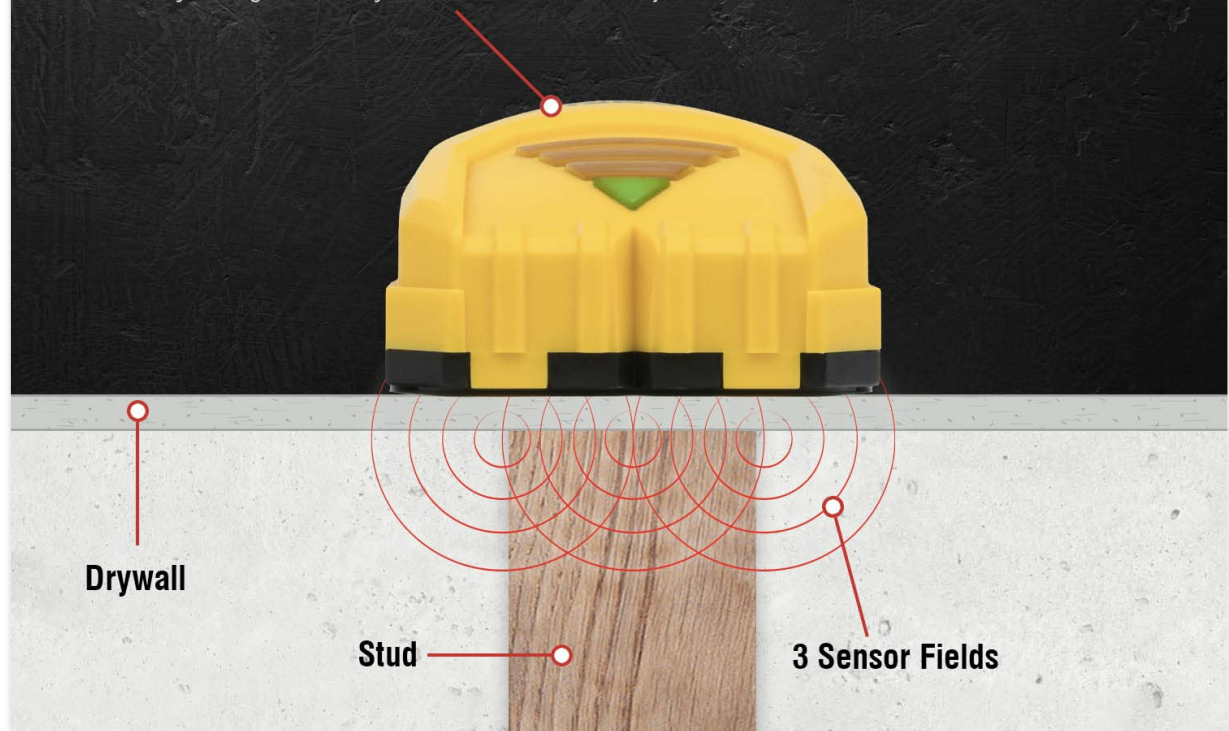
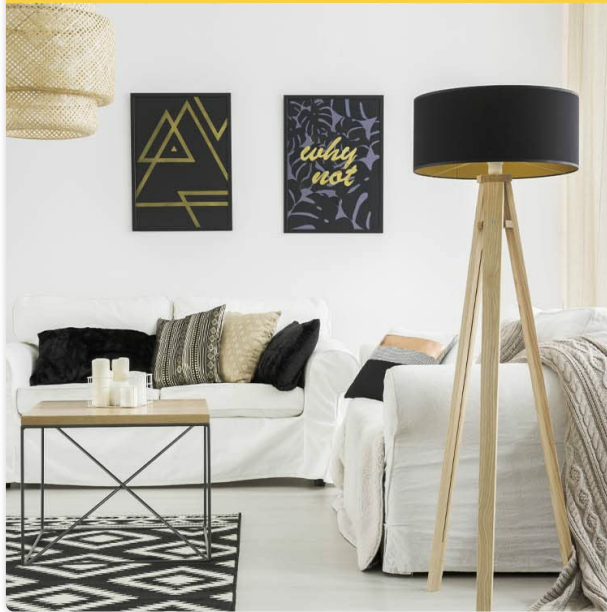
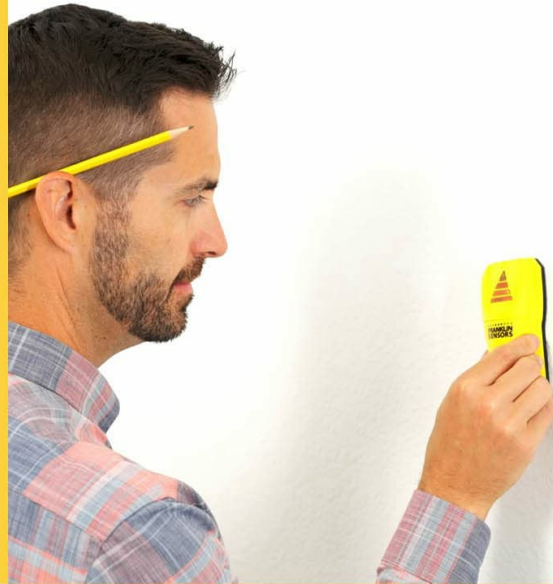


Figure 4: LED indicators show stud location



## FIND THE STUD EVERY TIME

The Stud Sensor M10  
Identifies the Center of Studs



## ACCURATE & EASY

3 Sensors Instantly and Accurately  
Find the Stud Location

Figure 5: Marking the center of the stud

### 3.2 Important Tips for Accuracy

- **Hand Placement:** Ensure your fingers are placed on the handle, not over the sensor area, as hand placement can affect performance.
- **Continuous Contact:** Maintain continuous contact with the wall; do not lift the unit during scanning. Lifting the unit can cause inaccurate readings.
- **Wall Conditions:** Avoid scanning over areas with moisture, metallic wallpaper, or metallic-backed insulation, as these can interfere with detection.

### 3.3 Official Product Videos

Your browser does not support the video tag. Please update your browser to view this content.

Video 1: Learn how to operate the ProSensor M10/M12 Center Stud Finder for best results, including proper hand placement and scanning technique.

Your browser does not support the video tag. Please update your browser to view this content.

Video 2: An overview of the Franklin Sensors ProSensor M10 Center Finder Wall Scanner, highlighting its key features and ease of use.

## 4. FEATURES AND BENEFITS

- **3 Sensor Accuracy:** Patented multi-sensor technology means more sensors are working to identify hidden objects easily and accurately.
- **Center Stud Finding:** Identifies the center of studs, not just the edges, providing a clear picture of the stud location.
- **Finds Wood & Metal Studs:** Versatile detection for various construction materials.
- **Easy Operation:** Simple one-step operation; just press and hold the button to begin scanning.
- **3 LEDs:** The three LEDs provide increased visibility to show the center of the stud, illuminating in sequence as you approach.
- **Uses 2 AAA Batteries:** Conveniently powered by common and less expensive batteries.
- **Made in the USA:** Proudly manufactured in the USA with global components.

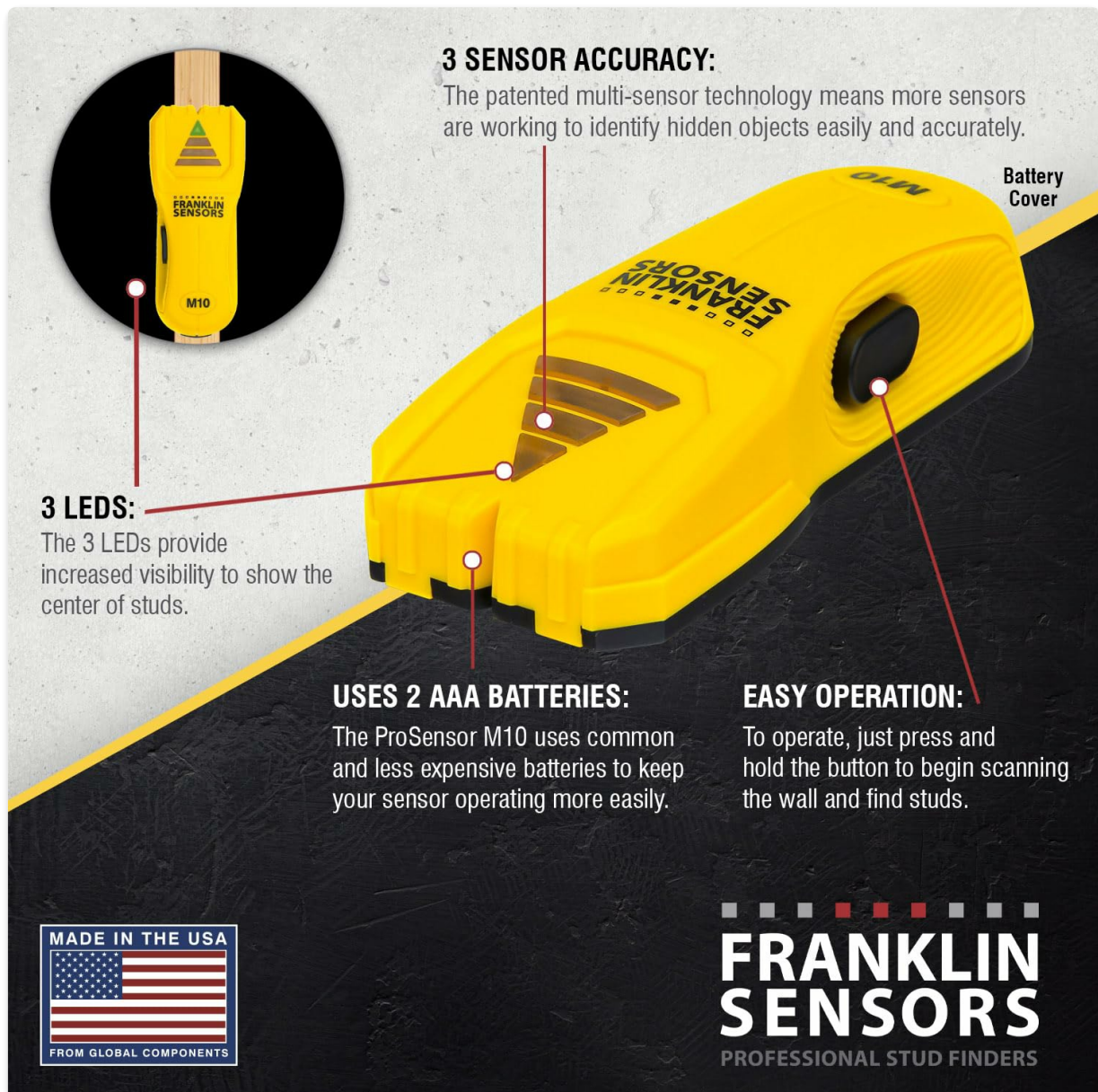


Figure 6: Key features of the ProSensor M10

## 5. MAINTENANCE

### 5.1 Battery Replacement

Replace the two (2) AAA batteries when the unit no longer illuminates consistently or provides unreliable readings. Always dispose of used batteries responsibly according to local regulations.

## 5.2 Cleaning and Storage

- Wipe the unit with a dry, soft cloth after each use. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the unit.
- Store the ProSensor M10 in a cool, dry place away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

- **Inaccurate Readings:** Ensure the wall surface is free of moisture, metallic wallpaper, or metallic-backed insulation. Re-scan the area slowly and consistently. Hand placement can also affect readings; ensure fingers are on the designated handle area.
- **Unit Not Turning On:** Check battery orientation and ensure batteries are fresh. Replace if necessary.
- **No Detection:** Ensure the unit is pressed firmly against the wall and the button is held down continuously during scanning.

## 7. SPECIFICATIONS

<b>Model Number</b>	317740571
<b>Package Dimensions</b>	6.65 x 3.23 x 2.28 inches
<b>Weight</b>	4.64 ounces
<b>Manufacturer</b>	Franklin Sensors
<b>Country of Origin</b>	USA
<b>Power Source</b>	2 AAA Batteries
<b>Detection Depth</b>	Up to 1 inch (typical for drywall)

## 8. WARRANTY & SUPPORT

The Franklin Sensors ProSensor M10 comes with a Limited Lifetime Warranty. For complete warranty details, product registration, and customer support, please visit the official Franklin Sensors website:

[www.franklinsensors.com](http://www.franklinsensors.com)

**WHAT'S INCLUDED**



Figure 7: Product packaging and included items