

PRECISION LEVEL

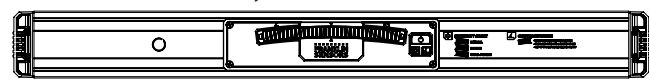
OPERATING INSTRUCTIONS

Para instrucciones en español, visite <https://franklinsensors.com/support/instruction-manuals/>

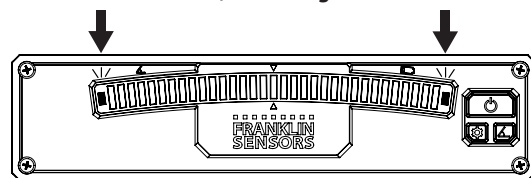
TO OPERATE

Press and release the POWER button.

The LEDs move intuitively.




When the unit reaches level, the end green LEDs will illuminate.




ADJUSTABLE SENSITIVITY






Different jobs require different levels of sensitivity.

The Precision Level offers three modes of sensitivity.

To identify your current sensitivity mode, press the SENSITIVITY SELECT button .

When in the selection mode, the sensitivity is identified by the numbers of lit LEDs on the display as follows:


Press the  button a second time, within 2 seconds of pressing the first time, to begin toggling you through the sensitivity modes. When the chosen mode is achieved, stop toggling. The mode selection will be saved, and the LED indicators will turn off.


 SENSITIVITY SELECT	 CUSTOM REFERENCE
 NORMAL (0.5°)	- ACTIVE WHEN SINGLE RED LED IS ILLUMINATED
 PRECISE (0.1°)	
 ULTRA-PRECISE (0.05°)	

CUSTOM REFERENCE

The factory reference point for the Precision Level is 0° and 90°. There are, however, instances when a unique angle is needed as a custom reference e.g. stairs, sloped roofs, grading, sloping walkways or matching other angles.

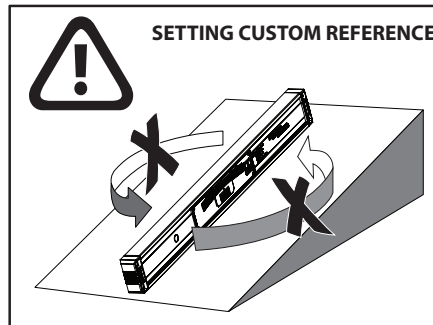
How to Set Customer Reference

To set a Custom Reference, press and hold the  button for 1 second until the end lights turn on. (Do not move the level during this process.) Release the button. The LEDs on the display will move in sequence towards the center of the display, to indicated that the customer reference has been set. The LEDs should now be centered.

The LED below the  icon on the display will illuminate, indicating you are in Custom Reference mode.

Tap the Custom Reference  button to toggle the reference on/off.

The level will always power up in normal mode, eg., not in custom reference, but it will remember the custom reference previously set.



SETTING CUSTOM REFERENCE

NOTE:

The orientation of the level must not change while using the customer reference.

TIMEOUTS

- If moving, the level will not timeout.
- Lights will dim for 1 minute before shutdown.

LOW BATTERY INDICATOR

- When the battery power is low the Low Battery LED light will give three short blinks every 10 seconds.
- When the batteries are very low (below 1.0 V per battery) the unit will give three short blinks every 5 seconds.

LED Brightness

The LED brightness will automatically adapt to the brightness of the ambient light. In bright sunlight, the LED brightness increases and in dim light the LED lights automatically dim to a comfortable light level.

OUT-OF-PLANE TILT

For best results, position the Precision Level with the least amount of out-of-plane tilt possible.

To prevent inaccurate readings, when the unit is tilted out-of-plane beyond 60° the bubble will stop showing. However, the Guide LEDs will remain on.

FCC PART 15 CLASS B REGISTRATION

WARNING

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

2-YEAR LIMITED WARRANTY

Franklin Sensors Inc. offers a 2-Year Limited Warranty on all its levels. The products are warranted to be free from defects in materials and workmanship for the life of the product. If a defect is found, at Franklin Sensors' discretion, Franklin Sensors will either repair or replace the unit with an equivalent product.

The function of the products is not guaranteed. This warranty does not cover incidental or consequential damage such as physical injuries, property damage, loss of time, loss of use of the product, inconveniences, or accommodations resulting from failure of the products.

Franklin Sensors shall not be liable for any special, indirect, incidental, or consequential damages or losses, whether arising from breach of warranty or based on contract, tort, reliance or any other theory. Since some countries or states do not allow limitation of the term of an implied warranty, or exclusion or limitation of incidental or consequential damages, the limitations and exclusions of this warranty may not apply to every buyer.

In the event of a product defect, please return the product postage paid with proof of purchase to:

Franklin Sensors Inc.
Attn: Returns Department
6675 N Pollard Ln
Meridian, ID 83646
(208) 918-2403
returns@franklinsensors.com
Hours of Operation: Monday-Friday,
8 AM to 5 PM,
Mountain Time Zone

US and Foreign Patents Pending.

1. LED Display
2. Guide LEDs
3. Power Button
4. Adjustable Sensitivity
5. Custom Reference
6. Low Battery Indicator
7. Battery Cover
8. Magnets (rare earth)
9. Shock Absorbing End Caps
10. Custom Reference Indicator

