



Magnetic Digital Angle Locator – 2 Button Model No. 1886-0000



Instruction Manual

Congratulations on your choice of this Digital Angle Locator. We suggest you read this instruction manual thoroughly before using the instrument. Save this instruction manual for future use.

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1. Kit Contents

Description	Qty.
“AAA” Alkaline Batteries	1
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Soft-Sided Pouch	1

2. Features and Functions

- Automatic LCD backlight
- Measures in absolute and relative measurements
- Angle display in degrees
- Working range of angle measurement 4 x 90°
- Automatic digit inversion for overhead measurements
- Magnetic base

3. Location of Part/Components



4. Operating Instructions

Battery Installation

1. Make sure the digital angle locator is turned off
2. Remove the battery compartment cover
3. Install the new battery following the polarity indication
4. Replace the battery cover

Note: Always remove the battery before storing the instrument.

5. Using the Product

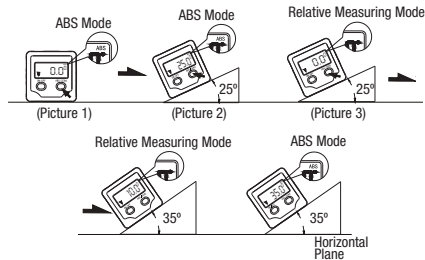
On/Off Button

1. Push the on/off button once to turn the unit on. The LCD backlight will turn on and the LCD angle display will show in (ABS) absolute mode.
2. Set the unit on a flat surface and press the zero button to calibrate the unit. If the unit is >25° from vertical, “Erro” will be displayed to indicate the fault.
3. After approximately 10 seconds of no movement to the unit, the backlight will turn off. To turn the backlight back on, push the on/off button once or simply move the unit.
4. After approximately 5 minutes of no movement or button push, the unit will shut off. To restart the unit, push the on/off button once.
5. To turn off the unit, hold the on/off button in for 3 seconds.

Zero Button

1. With the unit on, push the zero button to set the display to zero and to enter the relative measurement mode.

2. In relative measurement mode, the ABS symbol on the LCD will disappear.
3. Relative measurement mode allows the operator to measure the difference between two objects. The absolute mode measures the angle between a flat surface and the first object. (See Diagram Below)
4. To return to (ABS) absolute measurement mode, press the on/off button one time.



6. Technical Specifications

Accuracy:	±0.1° for 0° and 90°, and ±0.2° for all others
Resolution:	0.1°
Working Range:	4 x 90°
Power Supply:	1 “AAA” alkaline battery (included)
Working temperature:	32°F to 122°F
Dimensions:	2.36" x 2.36" x 1"
Weight:	0.18 lbs.

7. Care and Handling

- Avoid exposing unit to shock vibrations and extreme temperatures.
- Before moving or transporting the unit, make sure that the unit is turned off.
- Remove the batteries when storing the unit for an extended time (more than three months) to avoid damage to the unit should the batteries deteriorate.
- Always store the unit in its case when not in use.
- Avoid getting the unit wet.
- Keep the unit dry and clean. Remove any moisture or dirt with a soft, dry cloth.
- Do not use harsh chemicals, strong detergents or cleaning solvents to clean the unit.

8. Product Warranty

Johnson Level & Tool offers a one year limited warranty on each its products. You can obtain a copy of the limited warranty for a Johnson Level & Tool product by contacting Johnson Level & Tool's Customer Service Department as provided below or by visiting us online at www.johnsonlevel.com. The limited warranty for each product contains various limitations and exclusions.

NOTE: The user is responsible for the proper use and care of the product. It is the responsibility of the user to verify the calibration of the instrument before each use.

For further assistance, or if you experience problems with this product that are not addressed in this instruction manual, please contact our Customer Service Dept.

In the U.S., contact Johnson Level & Tool's Customer Service Department at 888-9-LEVELS.

In Canada, contact Johnson Level & Tool's Customer Service Department at 800-346-6682.

9. Trouble Shooting

- If the unit does not turn on, check the battery polarity or install new alkaline battery and clean the battery terminal.
- If the unit is out of calibration, place the unit on a surface known to be level and press the zero button.
- If the unit will not calibrate, contact our Customer Service Department.
- If the unit is providing inconsistent measurements, install new alkaline batteries and clean the battery terminals.