

6" Digital Level & Protractor

Precision instrument: Read instruction with care before using the gauge.



Includes:

1. 6" Digital Level & Protractor
2. Rechargeable battery (installed)
3. Charging cable

Specification:

Reading: 0.05°
Range: 4 x 90°
Accuracy: 0.2°

Instruction:

1. : Press the button to turn the unit on. "LEVEL" will display on the upper left corner of LCD. It will trace and measure absolute level reading. Auto shut-off within 5 minutes of none usage. Or, press the button again to turn off.
2. Hold: Press to hold the value on display; press again to disable.
3. Tilt%: Press to display angle measure in tilt% percentage value; press again to disable.
4. Battery indicator.
5. Zero: Press to set a bevel (relative) zero. To return to level reading press "" button for 3 seconds and "LEVEL" will appear on display.
6. LCD Display: Backlite LCD
7. Magnets: 3 rare earth magnets.
8. Charging/Data Port: can be used for charging or data output.

Important: Port remain sealed when not in use.

9. Charging cable: Use this provided cable to connect to a USB powered charging station or a computer USB port to charge.

Charging:

When appear, with care, plug Micro USB head of Charging Cable #9 into Charging/Data Port #8. Plug USB head of the Charging Cable #9 to an USB powered charging station or to a computer USB port to charge. When Battery full, it is fully charged. Unplug Charging Cable from the ports or station immediately, and tightly seal the Charging/Data port.

Data Output:

An optional Data Connect kit can transfer measured data from Smart Level to a computer. For more information, please refer to Data Connect

Under normal conditions, Level does not need re-calibration. If necessary, under the condition of the reading become inaccurate, or under the condition of severe impact, the Level may be re-calibrated professionally. Re-calibration require a calibrated level surface within 0.02 accuracy, and may require several attempts to accomplish accurate calibration. It is important to hold the Level steady while pressing the buttons to re-calibrate.

**Warning: un-leveled surface may result inaccurate calibration.



- 1) Place the gauge upright on a level surface.

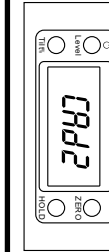
**The accuracy of the Granite level surface must be $\leq 0.02^\circ$ in order to make the recalibration effective.



- 2) Press and hold and ZERO buttons for 5 seconds until the screen displays Cad1.



- 3) Release the buttons and make sure the box has no movement until the "1" flash.



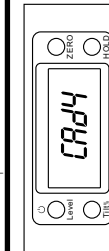
- 4) Turn the box 90 degrees clockwise; press the ZERO button—the screen will read CAD2, make sure the box has no movement until the "2" flash.

The Level should be setting right side up.

The Level should be setting on it's right side.



- 5) Turn the box for another 90 degrees clockwise; press the ZERO button—the screen will read CAAd3, make sure the box has no movement until the "3" flash.



- 6) Turn the box another 90 degrees clockwise; press the ZERO button—the screen will read CAD4, make sure the box has no movement until the "4" flash.

The Level should be setting on it's top.

The Level should be setting on it's left side.



- 7) Turn the box another 90 degrees clockwise; press the ZERO button—the screen will read CAAd5. After 3 seconds the display will read 0.00—this completes the calibration.

The Level should be setting right side up.



- 8) Your Smart Level is now ready to use.