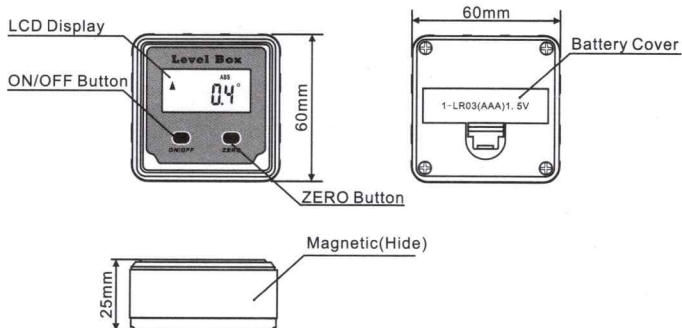


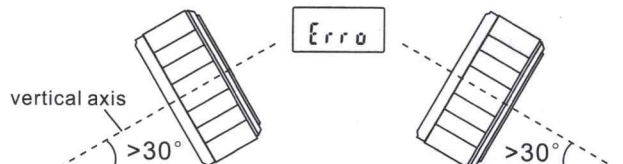
# Level Box Instruction Manual



Technical Specifications	
Accuracy	0° and 90° : $\pm 0.1^\circ$ , the rest : $\pm 0.2^\circ$
Resolution	0.1°
Working Range	4 x 90°
Power Supply	1 x AAA alkaline battery
Working temperature	32°F to 122°F (0°C to 50°C)
Working Humidity	$\leq 85\%$

## LCD SCREEN ICONS

<b>ABS</b>	Indicates that the level is working in absolute angle mode
<b>-1-</b>	Indicates that the digital level is calibrating for one direction
<b>-2-</b>	Indicates that the digital level is calibrating for another direction
<b>Erro</b>	Warning of the vertical axis deviation



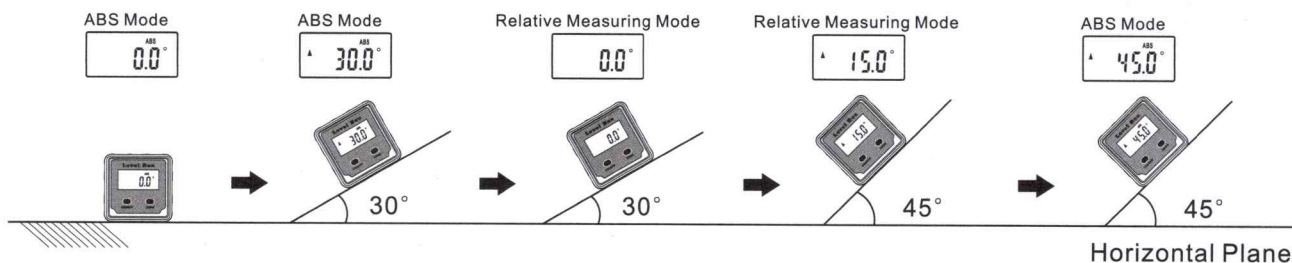
## BUTTON FUNCTION

### ON/OFF

1. Press the on/off button once to turn the unit on. To turn off the unit, hold the on/off button for 3 seconds. After approximately 5 minutes of no movement nor button press, the unit will shut off. To restart the unit, press the on/off button once.

### ZERO

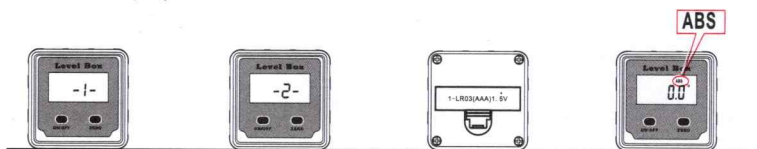
1. With the unit on, push the zero button to set the display to zero and to enter the relative measurement mode.
2. In relative measurement mode, the "ABS" symbol on the LCD will disappear.
3. Relative measurement mode allows the operator to measure the difference between two objects. The absolute mode measures the angle between horizontal plane and the first object. (See Diagram Below)
4. To return to (ABS) absolute measurement mode, press the on/off button one time.



## CALIBRATION(Figs as below)

\*The digital level has been pre-calibrated at the factory, The product should only be recalibrated if it has been dropped\*

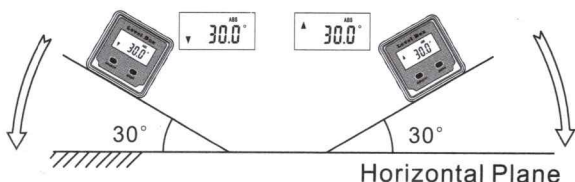
- (1) Place the digital level on a flat and smooth surface, press button **ON/OFF** and button **ZERO** at the same time, the calibration mode is activated and "-1-" will be displayed.
- (2) Press button **ON/OFF** again, "-1-" will flash briefly. Do not move until "-2-" display
- (3) Rotate it 180° in the same location and press button **ON/OFF**, "-2-" will flash briefly. Do not move until the unit has completed the calibration.
- (4) Calibration is done. The angle be displayed on the unit is the angle between the calibrated plane and the horizontal plane.



\*Any reading on screen in ABS mode shows the angle to water level.

## ▼/▲ ICON FUNCTION

Symbol ▼/▲ showing how to adjust the surface to be leveled



## 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.