



ALL10742, ALL10744

## Digital Level

### INSTRUCTIONS

If no buttons are pressed after a period of 3 minutes, digital level will shut down to conserve battery life. If stored for an extended period of time remove the batteries. Do not store in extreme cold or high heat environments and keep away from water. Uses three 3V CR2032 batteries.

#### Controls:

- 1. ON/OFF** - press button to switch power on / press and hold button 3-5 seconds to switch power off.
- 2. 0%** - **ALL10742 only**, press button to toggle display from degree to percentage.
- 2. •)** - **ALL10744 only**, (Function 1) - Press •) to turn on alarm for specific angles. Alarm will beep once when display reaches 10°, 20°, 30°, 40°, 50°, 60°, 70°, or 80°. When level is at 0° or 90° an extended beep will occur. Press •) again to stop alarm.  
(Function 2) - To turn on screen backlight, press and hold •) for 3-5 seconds. Press and hold •) again to turn off screen backlight.
- 3. CALIBRATE** - press button to toggle display from absolute to relative during measurement of joint angle between two surfaces. See Function 2.
- 4. HOLD** - press HOLD to save measured value (the arrows on both sides of the LCD display will blink). Press HOLD again to clear measured value.

#### Functions:

- 1. Absolute Angle Measurement** - (angle of a single straight surface) place digital level onto surface being measured, press ON/OFF and the digital level will display the absolute angle measurement. When the two indicator arrows on both sides of the LCD display appear, the working surface is not level. When the down arrow "↓" appears on either side of the LCD display, it shows that this side of the working surface is below level. When the up arrow "↑" appears on either side of the LCD display, it shows that this side of the working surface is above level. When the working surface is at level, both indicating arrows will disappear.
- 2. Relative Angle Measurement** - (angle of a joint between two straight surfaces) place digital level onto first surface being measured. Press CALIBRATE button and "0.00°" will be displayed. Now place the digital level on other surface being measured. The displayed value is the angle between the two surfaces. Press CALIBRATE for 3-5 seconds, this will change the formula from relative to absolute.
- 3. Upright LCD Display** - when the digital level is in an upside down position, the displayed value on the LCD screen will rotate to right side up.

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