

Please read through this owner's manual carefully before using the gauge. Use tool properly and only for its intended use.

- *The iGAGING® AngleCube® is a precision instrument used for measuring angles in which any of its our surfaces may be utilized.*
- *Zero can be set at any angle so that the relative angle between two surfaces can be measured.*
- *The AngleCube® can also measure absolute level, yuu can utilize it as a portable pocket level.*

Operation

1. To power on and read absolute level, push the "ϕ/...LEVEL" button; "LEVEL" will appear on the upper-left corner of the display.
2. To measure relative bevel, place the **AngleCube®** on a table surface and push the "ZERO" button. Then move the **AngleCube®** to the second surface, the gage will accurately measure and display the bevel angle between the two surfaces.
3. To switch back to absolute level measuring again, push and hold the "ϕ/...LEVEL" button for 3 seconds.
4. To hold the reading, push the "HOLD" button, "H" will display at the upper-center of the display. To disable the HOLD function, push "HOLD" button again.
5. If "▢" signal appears on the LCD display, or the gauge will not power on, then it is time to change the battery. Remove the back plate with the screwdriver supplied and insert a new standard 9 volt battery.
6. To power off, push the "ϕ/...LEVEL" button. Unit will autmatically shut-off within 3 - 5 minutes when not in use.



CALIFORNIA PROP 65 WARNING: Products may contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Manufacture supplied information. Information may change without notice. Visit iGAGING.com for more information.

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Specifications:

Resolution:	0.05"
Repeatability:	0.1"
Accuracy:	±0.2°
Battery:	Standard 9 volt

AngleCube® Angle Gauge 35-222-6



Under normal conditions, **AngleCube®** does not need re-calibration. If necessary, under the condition of the reading became inaccurate, or under the condition of severe impact, the **AngleCube®** may be re-calibrated professionally. Re-calibration requires a calibrated level surface within $\leq 0.02^\circ$ accuracy, and may require several attempts to accomplish accurate calibration. It is important to hold the **AngleCube®** steady while pressing the buttons to re-calibrate. ****WARNING: Un-leveled surfaces may result in a inaccurate calibration.****



1. Place the box upright on a level surface.

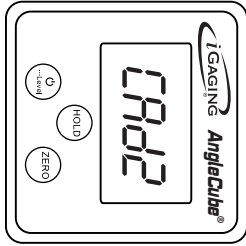
** The accuracy of the granite level surface must be $\leq 0.02^\circ$ in order to make the re-calibration effective.**

The AngleCube® should be setting right side up



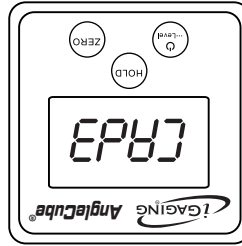
2. Press and hold ϕ and ZERO buttons for 5 seconds until the screen displaya CAD1.
3. Release the buttons and make sure the box has no movement until the "1" flashes.

AngleCube® should be setting on the right side



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" flashes.

The AngleCube® should be setting on it's top



5. Turn the box another 90 degrees clockwise; press the ZERO button - the screen will read CAD3, make sure the box has no movement until the "3" flashes.

AngleCube® should be setting on the left side

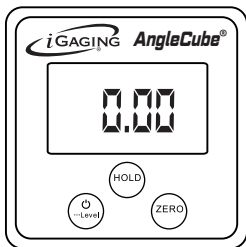


6. Turn the box another 90 degrees clockwise; press the ZERO button - the screen will read CAD4, make sure the box has no movement until the "4" flashes.

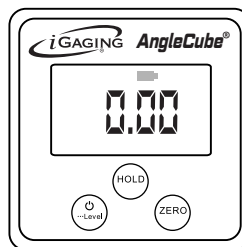
The AngleCube® should be setting right side up



7. Turn the box another 90 degrees clockwise; press the ZERO button - the screen will read CAD5. After 3 seconds the display will read 0.00 - this completes the calibration.



8. Your **AngleCube®** is now ready to use.



Low Battery Warning