



Under normal conditions, this gauge does not need re-calibration. If necessary, under the condition of the reading become inaccurate, or under the condition of severe impact, the gauge may be re-calibrated professionally. Re-calibration require 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 gauge steady while pressing the buttons to re-calibrate. **Warning: un-levelled surface may result inaccurate calibration.

Operating Instruction

Part# MMDP

Please read through this owners manual carefully before using your new tool. Use your tool properly and only for its intended use.

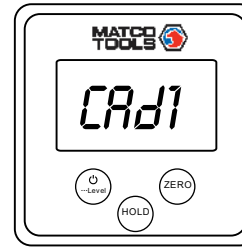
- MATCO angle gauge is a precision instrument used for measuring angles in which any of its four surfaces may be utilized.
- Angle gauge can trace and measure absolute level.
- Zero can be set at any angle so a relative angle between two surface can be measured.

Operation

1. To power on and read absolute level, push the "⏻/...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 gauge 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 "⏻/...LEVEL" button for 3 seconds.
4. To hold the reading, push "HOLD" button, "H" will display at upper-center of the display. To disable HOLD function, push "HOLD" button again.
5. If "🔋" signal appear on the LCD display, or the gauge would not power on, it is time to change battery. Remove the back plate with the screwdriver supplied, and insert a new standard 9V battery.
6. To power off, push "⏻/...LEVEL" button. Or, unit will self power-off within 3~5 minutes when not in use.

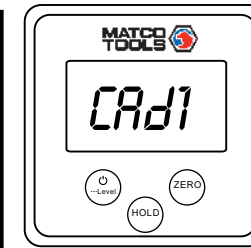
Specifications

Resolution:	0.05°
Repeatability:	0.1°
Accuracy:	$\pm 0.2^\circ$
Battery:	standard 9 volt

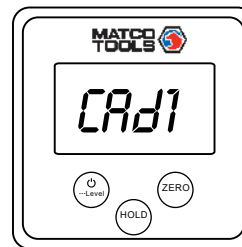


1) Place the box upright on a level surface.

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

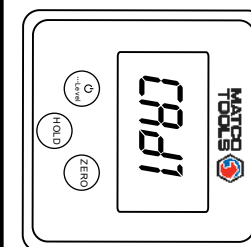


2) Press and hold ⏻ and ZERO buttons for 5 seconds until the screen displays CAD1.



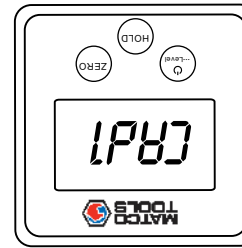
3) Release the buttons and make sure the box has no movement until the "1" flash.

The gauge should be setting right side up.



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 gauge should be setting on it's right side.



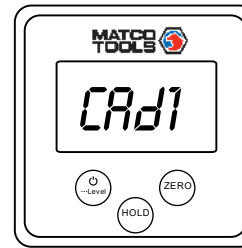
5) Turn the box for another 90 degrees clockwise; press the ZERO button-the screen will read CAD3, make sure the box has no movement until the "3" flash.

The gauge should be setting on it's top.



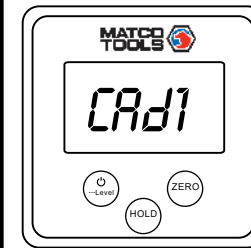
6) Turn the box another 90 degrees clockwise; press the ZERO button-the screen will read CAD4, make sure the box has no movement until the "4" flash.

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

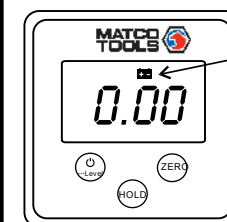


7) Turn the box another 90 degrees clockwise; press the ZERO button-the screen will read CAD5. After 3 seconds the display will read 0.00-this completes the calibration.

The gauge should be setting right side up.



8) Your gauge is now ready to use.



Low Battery Warning