

Digital Levels

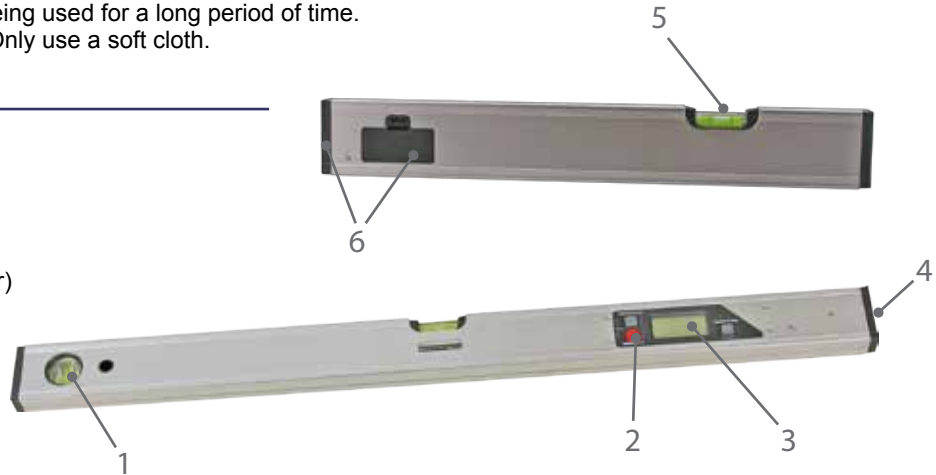
Part No: AE-MAN-LEV
Doc V: 1.0

Precautions

- The level is a precision measuring instrument. Avoid using excessive force, and treat with care.
- If a battery is pre-fitted, this is intended for the factory test procedure & therefore may not meet the specified battery life.
- Avoid exposure to all liquids, excessive humidity or temperature.
- Never apply voltage on any part of this digital level or electric engrave the level.
- Remove the battery if the level is not being used for a long period of time.
- Never use solvents to clean the level. Only use a soft cloth.

Digital Level

1. Vertical Bubble Level (optional)
2. Function Button
3. LCD Display
4. Laser Pointer (optional)
5. Horizontal Bubble Level
6. Battery Cover (located on end or rear)



Battery Replacement



1. Push clip down and lift the cover off.



2. Remove and insert batteries ensure the (+)plus and -(minus) are aligned correctly.



3. Push the cover firmly back in place.

Calibrating the Level

Whilst calibrating the level ensure it is on a stable flat surface. The level will require calibrating when the batteries are inserted.



1. Press and hold the calibration button(s) Release when the display shows "-1-" or "-H-". Whilst the display is flashing, an angle measurement is being processed. Do not move the level. **Please note: On the ME-AN-LEV-600 model, press and hold the ON/OFF. This will enter calibration on the next power up. Press C button to start calibration.**



2. When the level has stored the first measurement the display show "-2-" or "-H-". Rotate the level 180 degrees on the flat surface.



3. Press the calibration button(s), to start the second angle measurement. Once this reading taken the level will calculate true level. Please note: The level will not calibrate if movement or vibration is detected during the calibration procedure.



Relative Angle Function

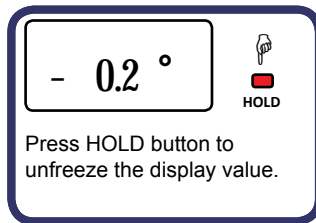
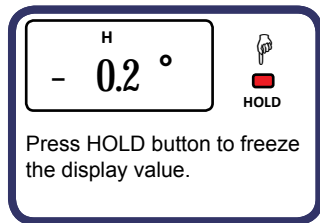


1. Calibrate the level. Place on the surface to measure the angle. For this example 11 degrees has been measured.

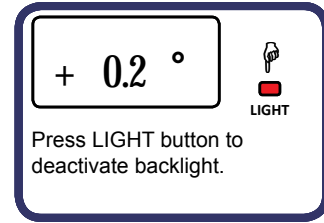
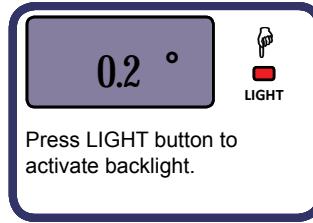
2. Depending on model, Press the REF, INC or C button, this will zero the display at the current angle. Place on the next surface and the difference in angle between the first and second surface is displayed. In this example 4.5 degrees.

3. Press the REF or C button, to display the angle relative to true level. In this example 15.5 degrees.

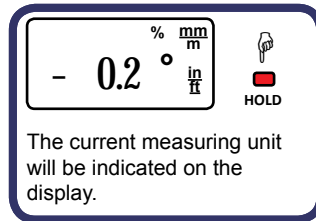
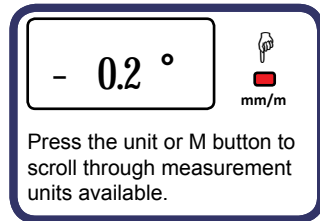
Hold Function (not available on all models)



Back Light (not available on all models)



Display Units (not available on all models)



Problem	Possible Cause	Solution
Flashing display or battery logo	Low voltage Poor contact	Replace battery Clean contact
No display	Dead or weak battery Poor contact	Replace battery Clean contact
No change to display	Hold function active "H" shown on display Internal error	Switch off function Remove battery for 5 minutes Remove battery for 1 hour
Can't zero	Hold function active Low voltage	Switch off function Replace battery
Erratic or frozen display	Contamination/condensation in sensor Low voltage	Remove battery & store at room temperature Replace battery
Erroneous reading	Low voltage Contamination/condensation in sensor Incorrect calibration Low ambient temperature	Replace battery Remove battery & store at room temperature Re-calibrate Store caliper at normal room temperature