

Operation manual

Electronic level NIVEAU DIGIT

Functions of the inclinometer

- **ON/OFF** Switch on/off NIVEAU DIGIT
- **Loudspeaker symbol** Switch on/off a permanent sound on 0° and 90°
- **CALIBRATE** Calibrate the unit (see below)
- **MODE** MODE 1: Measured values are indicated in degree (°).
 MODE 2: Any inclination can be chosen as 0°-reference by putting the NIVEAU DIGIT in the required inclination and setting MODE 2 (Display is flashing). By switching to Mode 1 the display isn't flashing any more. The real 0 is the reference again. No recalibration is required.
- **HOLD/LIGHT** Current measured value is frozen by pressing this button shortly. Backlight is switched on by pressing this button prolonged.

! IMPORTANT – CALIBRATION OF INCLINOMETER !

- Calibration before first use
- Before important measurement
- After a hit or drop
- After big fluctuation in temperature (more than 5° C)

Checking of the calibration:

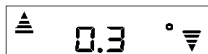
Lay down NIVEAU DIGIT to a flat surface and mark the position. Switch on. Wait 10 sec. and note the measured value. Turn the level by 180° and lay it down on the same position. Wait 10 sec. and note the measured value. If deviation between the values is more than 0,1°, the has to be calibrated.

Calibration:

Lay down NIVEAU DIGIT to a flat surface and mark the position. Switch on.

- a) Wait 10 sec. – press „CALIBRATE“ for 5 sec. (Display shows „-CAL 1-“ und wait further 10 sec.
- b) Turn the level by 180° and lay it down on the same position. Flashing „CAL 2“ is indicated.
- c) Wait 10 sec. – press „CALIBRATE“ for 5 sec.“. „CAL 2“ stops flashing. After 10 sec. the display indicates „0.00“. Calibration completed.

Measurement of inclination:

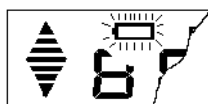


The 2 arrows in the display indicate which direction die NIVEAU DIGIT has to be moved in order to reach 0° or 90° position.

Display has automatic digit inversion for overhead measurements. Reading of measured values is possible in every direction.

Changing of batteries:

Important – battery symbol flashes when batteries need to be replaced.



Technical data:

Accuracy of the inclinometer	± 0.1° at 0°, 90° ± 0.2° between 0° and 90°
Accuracy of the vials	0,5 mm/m in normal position 0,75 mm/m for overhead measurements