



ADA ProLevel 40 Digital Level Instruction Manual

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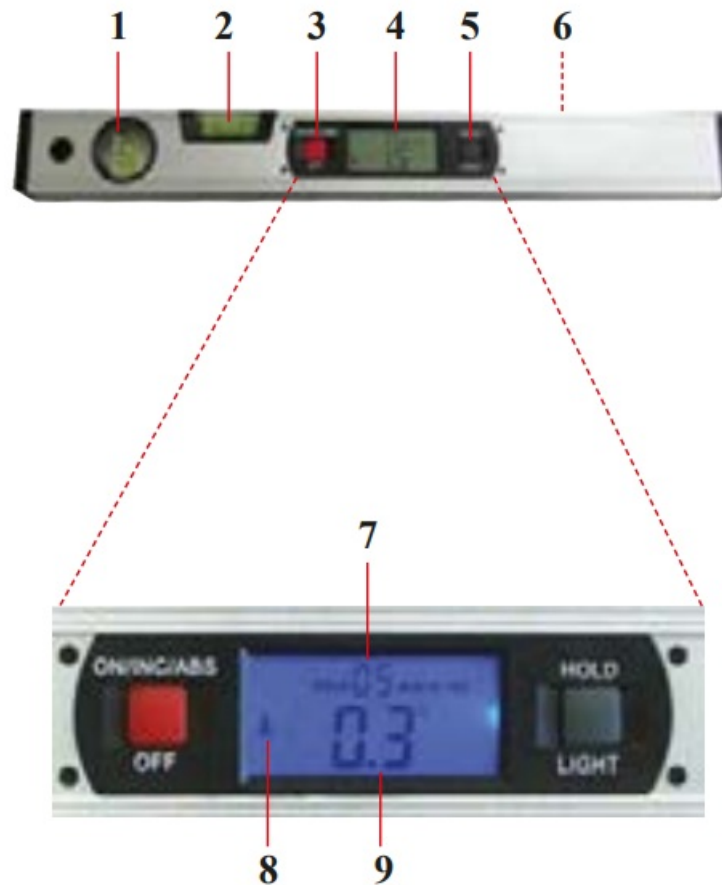


ADA ProLevel 40 Digital Level



APPEARANCE

1. Vertical spirit bubble
2. Horizontal spirit bubble
3. ON/INC/ABS/OFF – On/Off key; absolute/relative angle
4. Display
5. HOLD/LIGHT – Hold function/display backlight
6. Battery compartment
7. Deviation (mm/m)
8. Ascend/descend
9. Angle (°)



Important note:

1. The digital level has been pre-calibrated at the factory.
2. The product should only be recalibrated if it has been dropped (see Calibration).

OPERATION

Inserting/replacing the battery

The battery compartment (6) is located at the rear side of the digital level.

1. Depress the latch of the battery compartment lid and open the battery compartment.
2. Insert 2 new batteries (not included) of the type LR03 (AAA) into the battery compartment. Pay attention to the proper polarity of the batteries. The polarity is printed inside the battery compartment.
3. Close the battery compartment with the lid.

Note: replace the batteries if the display gets weaker or if it shows incomprehensible results.

Using

Use the digital level as a regular spirit level using the vertical spirit bubble (1) or the horizontal spirit bubble (2). Or use the device as precise digital spirit level as follows:

1. Shortly press the ON/OFF key (3) to switch on the digital spirit level.
2. The blue display background light shines for a few seconds. Hold the digital level to the object to be measured and read the currently measured angle on the display (4).
3. If you tilt the digital level in an angle $>90^\circ$ the display automatically flips over by 180° for better readability.
4. Press the HOLD/LIGHT key (5) to freeze the currently measured value on the display. The background light

- shines. Press the HOLD/LIGHT key one more time to return and show the currently measured values.
5. Press and hold the HOLD/LIGHT key (5) for 3 seconds to switch on or off the display background light.
 6. Shortly press the ON/OFF key (3) toggle between displaying the absolute angle (display shows ABS) and displaying the relative an-gle/the deviation of the angle (display shows INC). When switching to the INC mode, the device resets the display to zero degrees. The following measurement readings refer to this zero point.
 7. Press and hold the ON/OFF key for 3 seconds to switch off the digital level. If you do not operate the device for approx. 5 minutes, the device switches off automatically.

Notes

1. The deviation (7) in mm/m of the currently measured angle is displayed when an angle $<5.7^{\circ}$ (max. 100 mm/m) is measured.
2. A small arrow icon (8) additionally appears indicating if the de-vice is measuring ascends (arrow up) or descends (arrow down).

Calibration

The digital level has been calibrated in the factory for maximum accuracy. If necessary, the digital level can be re-calibrated.

1. Switch off the digital level. Place it on a flat and level surface.
2. Press and hold the HOLD/LIGHT key (5). Then additionally press the ON/OFF key (3). The number “-1-” is flashing on the display.
3. Press the ON/OFF key (3) once more. The number “-2-” is flashing on the display.
4. Horizontally flip over the digital level by 180° . Then press the ON/OFF key (3) one more time to finish the calibration process. Note: Ensure the digital level is kept absolutely steady during calibration.

TECHNICAL DATA

- **Resolution:** 0.1°
- **Accuracy:** 0.2°
- **Measuring range:** $0-90^{\circ}$
- **Power supply:** 2xLR03 (AAA) Dimension: 416x50x21 mm Battery life: approx. 100 hrs Weight (incl. battery): approx. 330 g.

CLEANING AND STORING

Clean the digital level with a smooth and dry linen cloth. If neces-sary moisten it slightly. Do not use any solvents, detergents, sharp edged objects and the like for cleaning. Store the unit on a dry place that is protected from dust and dirt. Store it out of reach of children.

WARRANTY

This product is warranted by the manufacturer to the original pur-chaser to be free from defects in material and workmanship under normal use for a period of two (2) years from the date of purchase. During the warranty period, and upon proof of purchase, the prod-uct will be repaired or replaced (with the same or similar model at manufactures option), without charge for either parts of labour. In case of a defect please contact the dealer where

you originally purchased this product. The warranty will not apply to this product if it has been misused, abused or altered. Without limiting the foregoing, leakage of the battery, bending or dropping the unit are presumed to be defects resulting from misuse or abuse.

EXCEPTIONS FROM RESPONSIBILITY

The user of this product is expected to follow the instructions given in operators' manual.

Although all instruments left our warehouse in perfect condition and adjustment the user is expected to carry out periodic checks of the product's accuracy and general performance.

The manufacturer, or its representatives, assumes no responsibility of results of a faulty or intentional usage or misuse including any direct, indirect, consequential damage, and loss of profits.

The manufacturer, or its representatives, assumes no responsibility for consequential damage, and loss of profits by any disaster (earthquake, storm, flood ...), fire, accident, or an act of a third party and/or a usage in other than usual conditions.

The manufacturer, or its representatives, assumes no responsibility for any damage, and loss of profits due to a change of data, loss of data and interruption of business etc., caused by using the product or an unusable product. The manufacturer, or its representatives, assumes no responsibility for any damage, and loss of profits caused by usage other than explained in the users' manual.

The manufacturer, or its representatives, assumes no responsibility for damage caused by wrong movement or action due to connecting with other products.

WARRANTY DOESN'T EXTEND TO FOLLOWING CASES

1. If the standard or serial product number will be changed, erased, removed or will be unreadable.
2. Periodic maintenance, repair or changing parts as a result of their normal runout.
3. All adaptations and modifications with the purpose of improvement and expansion of normal sphere of product application, mentioned in the service instruction, without tentative written agreement of the expert provider.
4. Service by anyone other than an authorized service center.
5. Damage to products or parts caused by misuse, including, without limitation, misapplication or negligence of the terms of service instruction.
6. Power supply units, chargers, accessories, wearing parts.
7. Products, damaged from mishandling, faulty adjustment, maintenance with low-quality and non-standard materials, presence of any liquids and foreign objects inside the product.
8. Acts of God and/or actions of third persons.
9. In case of unwarranted repair till the end of warranty period because of damages during the operation of the product, its transportation and storing, warranty doesn't resume.

WARRANTY CARD

Name and model of the product _____

Serial number _____

date of sale _____

Name of commercial organization _____

stamp of commercial organization _____

Warranty period for the instrument exploitation is 24 months after the date of original retail purchase.

During this warranty period the owner of the product has the right for free repair of his instrument in case of manufacturing defects. Warranty is valid only with original warranty card, fully and clear filled (stamp or mark of the seller is obligatory).

Technical examination of instruments for fault identification which is under the warranty, is made only in the


authorized service center.
In no event shall manufacturer be liable before the client for direct or consewuential damages, loss of profit or any other damage which occur in the result of the instrument outage.
The product is received in the state of operability, without any visible damages, in full completeness. It is tested in my presence. I have no complaints to the product quality. I am familiar with the conditions of qarranty service and i agree.

purchaser signature _____


If you have any questions about the warranty service and technical support contact seller of this product

<https://tm.by>

Documents / Resources

	ADA ProLevel 40 Digital Level [pdf] Instruction Manual ProLevel 40 Digital Level, ProLevel 40, Digital Level, ProLevel 40 Level
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References

-  [ADA Instruments](#)
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