ADA INSTRUMENTS A00545 Cube 3D Green Professional Edition Instruction Manual

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CUBE 3D GREEN

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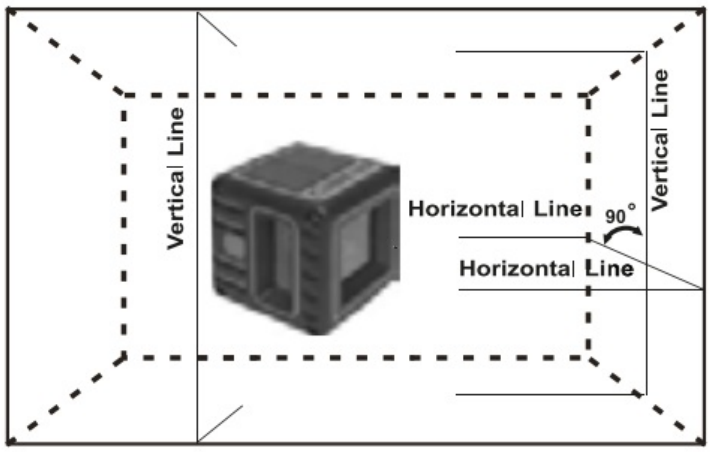

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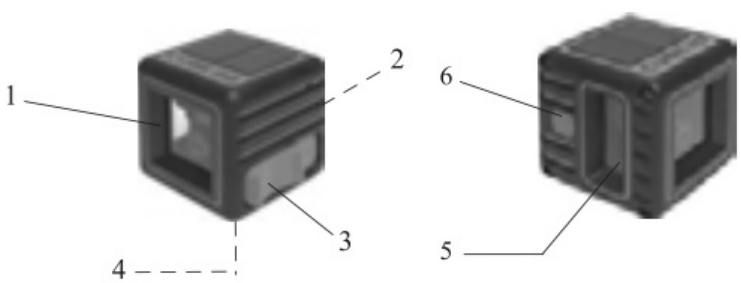

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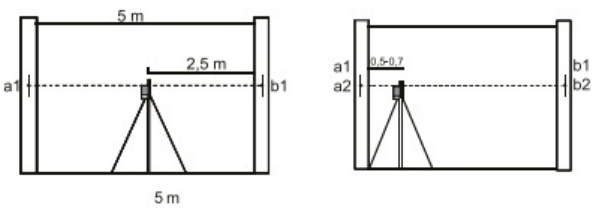

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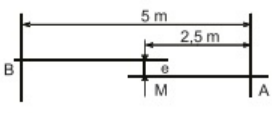

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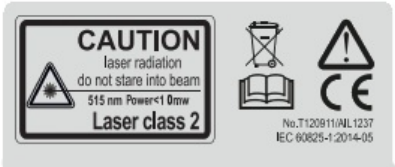

APPLICATION
Laser level ADA CUBE 3D GREEN is an up-to-date functional and multi-prism device designed for indoor and outdoor performance.

FUNCTIONAL DESCRIPTION

1. Emitting a horizontal and vertical laser line.
2. Quick self-leveling: when line accuracy is out of the range the laser line flashes and the warning sound is produced.
3. Compensator locking system for safe transportation.
4. Intermediate compensator locking system for slope operation.
5. Indoor and outdoor performance function.

LASER LINES/FEATURES

1. Laser emitting window
2. Battery cover
3. Compensator switch
4. Tripod mount 1/4''
5. Vertical laser window
6. Laser lines on/off and receiver mode

SAFETY REQUIREMENTS AND CARE

Follow safety requirements! Don't face and stare at the laser beam! A laser level is an accurate Instrument, which should be stored and used with care. Avoid shaking and vibrations! Store the Instrument and Its accessories only In the carrying case. In case of high humidity and low temperature, dry out the Instrument and clean It after the usage. Do not store the Instrument at a temperature below -20°C and above 50°C, otherwise the Instrument can be out of action. Don't put the Instrument Into the carrying case If the Instrument or case is wet. To avoid moisture condensation Inside the Instrument- dry out the case and laser Instrument! Check regularly Instrument adjustment! Keep the lens clean and dry. To clean the Instrument use a soft cotton napkin!

OPERATION

Cube 3D GREEN is a reliable and convenient instrument. It will be an irreplaceable instrument for many years. -Open battery compartment. Insert batteries into the battery compartment. Observe the polarity. Close the battery compartment. Take out batteries if you are not going to use the tool for a long time. -Place the instrument on the working surface or mount it on the tripod/ pillar or wall mount. Switch on the instrument. Turn the compensator switch (3) to the position "ON" (the instrument is turned off in the position OFF). Visual alarm (blinking line) and an audible signal indicating that the device was not installed within the compensation range ±3º. To properly work align theunit in a horizontal plane.
At that compensator of the instrument will be in free position (it will be blocked in the position OFF).

- When switching on, one horizontal and one vertical line will be projected.
- Press button (6) to turn on the additional vertical line.
- Press button (6) again to have only one additional vertical line.
- Press button (6) one more time to turn off the additional vertical line and switch on a horizontal line.
- Use the receiver (supplied separately) mode to enlarge the working mode and for the operation in bright illumination.

TO CHECK THE ACCURACY

TO CHECK THE ACCURACY OF LINE LASER LEVEL (SLOPE OF PLANE) Set up the instrument between two walls, the distance is 5m. Turn on the Cross Line Laser and mark the point of the cross laser line on the wall. Set up the instrument 0,5-0,7m away from the wall and make, as described above, the same marks. If the difference {a1-b2} and {b1-b2} is less then the value of “accuracy” (see specifications), there is no need in calibration. For example: when you check the accuracy of Cross Line Laser the difference 3 is {a1-a2}=5 mm and {b1-b2}=7 mm. The instrument’s error: {b1-b2}{a1-a2}=7-5=2 mm. Now you can compare this error with standard error. If the accuracy of the Cross Line Laser isn’t corresponding with claimed accuracy, contact the authorized service center.

TO CHECK LEVEL
Choose a wall and set the laser 5m away from the wall. Turn on the laser and cross the laser line is marked A on the wall. Find another point M on the horizontal line, the distance is around 2.5m. Swivel the laser, and another cross point of the cross laser line is marked B. Please note the distance of B to A should be 5m. Measure the distance between M to cross the laser line, if the difference is over 3mm, the laser is out of calibration, please contact with the seller to calibrate the laser. 4
TO CHECK PLUMB
Choose a wall and set the laser 5m away from the wall. Mark point A on the wall, please note the distance from point A to the ground should be 3m. Hang a plumb line from A point to the ground and find a plumb point B on the ground. Turn on the laser and make the vertical laser line meet point B, along the vertical laser line on the wall, and measure the distance 3m from point. B to another point C. Point C must be on the vertical laser line, it means the height of C point is 3m. Measure the distance from point A to point C, if the distance is over 2 mm, please, contact the seller to calibrate the laser.

CARE AND CLEANING

Please handle the measuring instruments with care. Clean with a soft cloth only after any use. If necessary damp cloth with some water. If the instrument is wet clean and dry it carefully. Pack it up only if it is perfectly dry. Transport in original container/case only. Note: During transport On/Off compensator lock (3) must be set to position “OFF”. Disregarding may lead to damage of the compensator.

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SPECIFIC REASONS FOR ERRONEOUS MEASURING RESULTS

- Measurements through glass or plastic windows;
- Dirty laser emitting window;
- After the instrument has been dropped or hit. Please check the accuracy.
- Large fluctuation of temperature: if the instrument will be used in cold areas after it has been stored in warm areas (or the other way round) please wait some minutes before carrying out measurements.

ELECTROMAGNETIC ACCEPTABILITY (EMC)

- It cannot be completely excluded that this instrument will disturb other instruments (e.g. navigation systems);
- will be disturbed by other instruments (e.g. intensive electromagnetic radiation nearby industrial facilities or radio transmitters).

LASER CLASS 2 WARNING LABELS ON THE LASER INSTRUMENT

LASER CLASSIFICATION

The instrument is a laser class 2 laser product according to DIN IEC 60825-1:2007. It is allowed to use the unit without further safety precautions.

SAFETY INSTRUCTIONS

Please follow up instructions given in the operating manual. Do not stare into the beam. The laser beam can lead to an eye injury (even from greater distances).

Do not aim the laser beams at persons or animals. The laser plane should be set up so that the beam path is not at normal eye level.

Use the instrument for measuring jobs only. Do not open instrument housing. Repairs should be carried out by authorized workshops only. Please contact your local dealer. Do not remove warning labels or safety instructions. Keep instruments away from children. Do not use instruments in an explosive environment.

WARRANTY

This product is warranted by the manufacturer to the original purchaser 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 product will be repaired or replaced (with the same or similar model at the manufacturer's option), without charge for either part of labor. 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, and bending or dropping the unit are presumed to be defects resulting from misuse or abuse.

EXCEPTIONS FROM RESPONSIBILITY

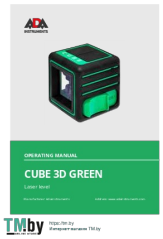
The user of this product is expected to follow the instructions given in the operating manual. Although all instruments left our warehouse in perfect condition and adjustment the user is expected to carry out periodic checks of the product's accuracy and general performance. The manufacturer, or its representatives, assumes no responsibility for the results of 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 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 operating 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 THE FOLLOWING CASES:

1. If the standard or serial product number will be changed, erased, removed or wil 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 the normal sphere of product application, mentioned in the service instruction, without the 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, and 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 the warranty period because of damages during the operation of the product, it's a transportation and storing, the warranty doesn't resume.

https://tm.by
Manufacturer: Adainstruments
Address: www.adainstruments.com

Documents / Resources

	ADA INSTRUMENTS A00545 Cube 3D Green Professional Edition [pdf] Instruction Manual 00545, Cube 3D Green Professional Edition, 00545 Cube 3D Green Professional Edition, 3D Green Professional Edition, Green Professional Edition, Professional Edition

References

- ADA Instruments