

twilight

INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

Nivel Laser TD-12 Boka

BK-TD12

www.twilight.mx

 / [twilightsadecv](#)

 / [twilightsadecv](#)

 / [twilightsadecv](#)

User Instructions

- This user's manual includes the method of use and notes of the product. Before using this product, please read this manual in detail for putting LASER LEVEL to good use.
- Do not use this LASER LEVEL in inflammable and explosive environment.
- Please deal with LASER LEVEL in accordance with the relevant national or local law when it's scrapped.
- When LASER LEVEL is out of work or do not know how to use it, please contact the local dealers or manufacture.

Product Overview

1>>3D-8 Series



6. 1/4''-20 threaded mount
7. Bubble

Safety

WARNING:

*Read the Safety Instructions and User Manual thoroughly before using this product. All Users must fully understand and adhere to these instructions.

CAUTION:

*While the product is in operation, be careful not to expose your eyes to the emitting laser beam (red or green light source). Exposure to a laser beam for an extended time may be hazardous to your eyes.

*Glasses may be supplied in some of the laser tool kits. There are NOT certified safety glasses. These glasses are ONLY used to enhance visibility of beam in brighter environments or at greater distances from laser source.

WARNING:

*Do not stare directly into the beam or view directly with optical instruments or set up the laser at eye level.

*Do not disassemble the laser tool. There are no user serviceable parts inside.

1. Window for 360° horizontal coverage beam
2. Window for 360° vertical coverage beam
3. Pendulum/transit lock
4. Keypad
5. Battery
6. 1/4''-20 threaded mount
7. Bubble

1>>3D-12 Series



1. Window for 360° horizontal coverage beam
2. Window for 360° vertical coverage beam
3. Pendulum/transit lock
4. Keypad
5. Battery

*Do not modify the laser in any way. Modifying the tool may result in hazardous Laser Radiation Exposure.

*Do not operate the laser around children or allow children to operate the laser. Serious eye injury may result.

*An exposure to the beam of a Class 2 laser is considered safe for a maximum of 0.25 seconds. Eyelid reflexes will normally provide adequate protection.

General Notes

• Switch the lock to "ON" to turn on the laser tool, the self leveling mode allows the device to automatically level within 3 degree, it alarms when beyond the self leveling range.

*Press "H" and "V" button repeatedly to cycle through the available modes.

>>3D-8 lines

- generating 1 horizontal laser plane (default status)
- generating 1 vertical laser plane
- generating 1 horizontal laser plane and 1 vertical laser planes

>>3D-12 lines

- generating 1 horizontal laser plane (default status)
- generating 1 vertical laser plane
- generating 2 vertical laser planes
- generating 1 horizontal laser plane and 2 vertical laser planes

Note:

This machine is designed to ensure that the user must shutting down the instrument to protect the instrument.

Manual Mode

*Can be activated by press “LOCK” button when the pendulum lock is in the Unlocked Position at various angles to project non-level straight lines, the LED indicator will turn on in solid Red .

Special Note: The laser line projected cannot be used as a horizontal or plumb bob reference in manual mode. The laser line is not guaranteed for horizontal and vertical reference.

*Accuracy of beam(s) is not guaranteed to be level in Manual Mode.

Warranty

We are confident of the quality of our products and offer outstanding guarantee for professional user of the products. This statement is in addition to and in no way prejudices your contractual rights as a professional user or your statutory rights as a private non-professional user. We warrant our laser level(s) against faults in materials and/or workmanship for one year from date of purchase provide that:

- *Proof of purchase is produced.
- *Service/repairs have not been attempted by unauthorized persons.
- *The product has been subject to fair wear and tear.
- *The product has not been misused.
- *Defective product will be repaired or replaced, free of charge or at our discretion, if sent together with proof of purchase to our authorized distributor(s).
- *This warranty does not cover faults caused by accidental damage, unfair wear and tear, and use other than in accordance with the manufacturer’s instructions or repair or alteration of this product not authorized by us.
- *Repair or replacement under this warranty does not affect the expiry date of the Warranty.
- *To the extent permitted by law, we shall not be liable under this warranty for indirect or consequential loss resulting from

Specifications

- Laser Class:** Class 2
- Laser Wavelength:** 532nm
- Leveling Accuracy:** ± 3mm/10m
- Horizontal/Vertical Accuracy:** ± 3mm/10m
- Leveling/Compensation Range:** 4°±1°
- Working Distance(Line):** 40m(100 LUX)
- Operating Time:**
 Approximately 1.5 hours*2= 3 hours
 (with 8lines all laser beams on)
 Approximately 2.5 hours*2= 5 hours
 (with 12lines all laser beams on)
- IP Rating:** IP54
- Operation Temperature Range:** -10°C-+50°C
- Storage Temperature Range:** -10°C-+50°C
- Power Source:** 2 * 3.7V 18650 Li-on battery

faults in this product. This warranty may not be varied without our authorization. Calibration and care are not covered by warranty.

Note:

The customer is responsible for the correct use and care of the tool. Moreover, the customer is completely responsible for periodically checking the accuracy of the laser, and therefore for the calibration of the tool. faults in this product. This warranty may not be varied without our authorization. Calibration and care are not covered by warranty.

twilight

INSTRUMENTOS DE MEDICIÓN INDUSTRIAL



LLÁMANOS

+52(81) 8115-1400 / +52 (81) 8173-4300

LADA Sin Costo:
01 800 087 43 75

E-mail:
ventas@twilight.mx

www.twilight.mx