

The Intex logo is displayed in white text within a white rectangular box. The word "Intex" is in a bold, sans-serif font, followed by two slanted parallel lines.

**Truline**

## **ALCSG: Operation Manual**

### **Self-Levelling Cross-Liner Laser**

**WARNING:** Read and become familiar with this manual BEFORE operating unit.

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Intex Truline™ Cross-liner equipped with 515nm diode are Class II laser products according to IEC/EN60825-1:2014 and complied with 21 CFR 1040.10 and 1040.11.

## **SAFETY REGULATIONS**

- ⚠ Before using this product, please carefully read and understand all the terms and operational guidelines in this manual. Hazardous laser radiation damage, electric shock or personal injury may occur if operations are not implemented under those safety regulations in this operation manual.
- ⚠ Do not direct the laser beam at persons or animals and do not stare into the laser beam yourself (not even from distance).
- ⚠ Do not use the laser intensive glasses as safety goggles. The laser intensive glasses are used for improved visualization of the laser beam, they do not protect against laser radiation.
- ⚠ Do not use laser intensive glasses as sunglasses or in traffic. The laser intensive glasses do not afford complete UV protection and red color perception.
- ⚠ Have the measuring instrument repaired only through qualified specialists using original spare parts. This ensures the safety of the measuring instrument is maintained. Warranty does not cover damages from unauthorized repairs.
- ⚠ Do not break up or throw the battery into fire, please recycle the battery after use.
- ⚠ Do not use or reserve the instrument under humid condition.

**DO NOT ALLOW CHILDREN TO USE THE LASER MEASURING INSTRUMENT WITHOUT SUPERVISION. THEY COULD UNINTENTIONALLY BLIND OTHER PERSONS.**

## OVERVIEW

Vertical Beam

Horizontal Beam

ON/OFF/LOCK Switch



Water/Dust Resistant  
Battery Cover

1/4" Tripod Screw

5/8" Tripod Screw



## **FUNCTIONAL HIGHLIGHTS**

### *Impact, Splash, Dust Resistant*

Soft grip and TPE housing offset impact from drop and shock. IP54 splash and dust-proof protection. However, instrument is not made to work under water. \*\*Indoor/Outdoor circumstance For red laser model, ideal working range is within 20m indoor. For green laser model, ideal working range is within 25m indoor and also outdoor friendly. *(Depends on working environment's illumination.)* Check Accuracy data on Technical

## **LASER LINE INDICATION**

*One vertical and one horizontal line*

## TECHNICAL DATA

### *Laser beam:*

1V LH laser lines (Red/ Green).

### **\*\*Light source: (laser lines)**

635nm for red beam

515nm for green beam

### **\*\*Laser Classification:**

Class 2

### **\*\* Accuracy: $\pm 2\text{mm}/5\text{m}$**

### **\*\*Compensator Self-leveling range: $\pm 3^\circ$**

### **\*\*Power Supply: 3 x 1.5V AA batteries**

### **\*\*Mounting Threads: 1/4" and 5/8"**

### **\*\*Incline function**

### **\*\*Operating temperature: $-10^\circ\text{C}$ ~ $+40^\circ\text{C}$**

*\* An operating range can be different from the stated above subject to light conditions. Accuracy declines as distance enlarges.*

## OPERATION- SWITCH ON/OFF/ LOCK

1. Insert batteries according to the "+, -" sign to battery socket.
2. Set up the instrument on the floor, with a wall mount or the tripod. When using tripod, support the centering nut of the instrument with one hand and tighten the centering screw.
3. ON/OFF button is located on the left side of instrument body. Switch right to ON to start operation.

### ***Automatic Compensation (Self-leveling on horizontal surface)***

1. Switch to ON to work with the compensator automatically. The compensator automatically aligns a position within the range of self-leveling range  $\pm 3^\circ$ .
2. Laser beam starts to blink when the instrument is out of the range of self-alignment range. In this case, place the instrument on flat surface, adjust tripod or base legs until blinking stops.
3. LOCK function for incline.

## **MAINTENANCE AND SERVICE**

**1.** Do not attempt to open the instrument. To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by authorised service centers. To locate your nearest service center, contact your dealer, or email

[service@intex.com.au](mailto:service@intex.com.au)

**2.** Do not drop, knock, or shake the instrument to avoid affecting precision.

**3.** Remove batteries when instrument is not in use.

**4.** Keep the instrument clean at all times. Use a soft cloth with mild soap for body, and lens tissue for glass windows.



## **WARRANTY**

WARRANTY CARD NO.:

Date of Purchase:

Model No.:

Serial No.:

Owner's Name:

Contact Number:

Dealer Name:

Remarks (For Service Center Use Only):



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