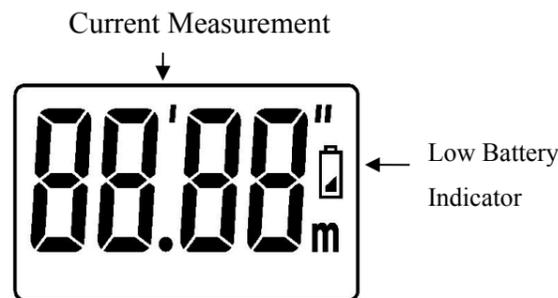


## Model NO:UL330 Ultrasonic Distance Measure



### Technical Specifications

**Recommended use :** Indoor  
**Measurement range:** 2' to 40' (0.6~12 meter)  
**Accuracy:** ±0.5% plus ±1 Digit  
**Resolutions:** 1" (0.01M)  
**Aperture angle:** Approx. 5 ±degrees  
**Laser Diode Type:** Red laser diode 650nm  
**Laser Class:** Class IIIa(US version)  
 /Class II(Europe version)  
**Power supply:** 6V DC  
**Operation temperature:** 32°F to 104°F(0°C to 40°C)

### SAFETY INSTRUCTIONS

**DANGER:LASER RADIATION,AVOID DIRECT EYE EXPOSURE,SERIOUS EYE INJURE CAN RESULT. IMPORTANT**

Please read all instructions prior to operating the tools.

### Warnings

Use of controls or performance of procedures other than those specified herein may result in hazardous radiation exposure. The power of the emission of the laser beam is less than 1 mW in class II (Europe) and less than 5mW in Class IIIa(U.S.) and Class IIIR(Europe),so the following warning must be followed to avoid injury:

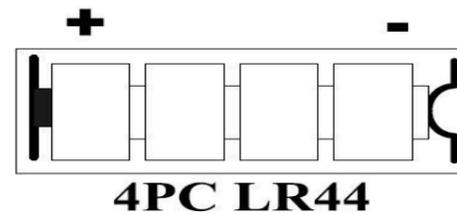
**DO NOT stare direct at the laser beam.**  
**DO NOT project the laser beam directly into the eyes of others/animals.**  
**DO NOT set up the tool at eye level or operate the tools on or near a reflective surface, as the laser beam could be projected into you eyes or the eyes of others.**

### POWER SUPPLY

The tools require 4\*1.5V LR44 batteries to operate

### BATTERY INSTALLATION

Illustration 1:

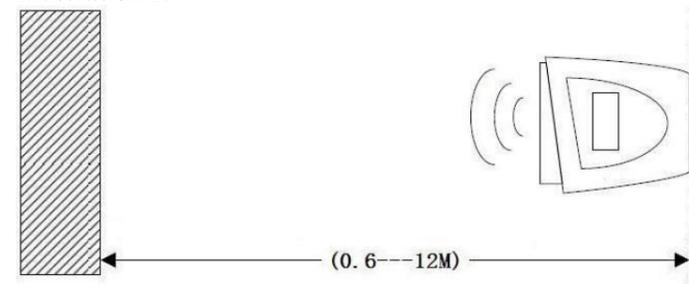


1. Open battery door on back of case.
  2. Connect 4\*1.5V LR44 batteries to operate to battery clip.
  3. Insert battery into case and replace battery door.
- When battery is low, the low battery icon will be continuously displayed on the LCD

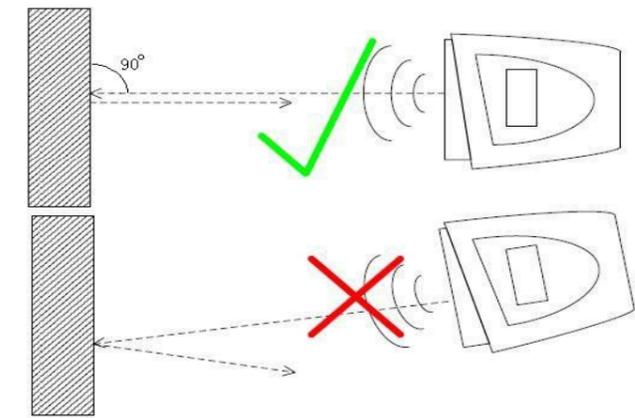
### How to use the ultrasonic distancemet

1. Press "Read/Power" button to start the tool.
2. Point to wall and get measured distance by press "Read/Power" button.
3. For dynamic read, press and hold "Read/Power" key to get measured distance displayed while the unit is moving.
4. Each measurement erases the previous one.
5. Measured distance is displayed on top of the LCD screen.
6. Unit automatically turns itself off after about 17 seconds of inactivity.

Illustration 2:



Note: The tool always measures from the base of the tool.



Note: Still air and hard target surface for accurate measurement.

### FT/M:

Change the measurement unit from metric. to ft/in.

### IMPORTANT NOTE:

1. Position and point the unit perpendicular to the target.  
The laser pointer will show where the tool is pointing and is only on while a reading is being taken.
2. The target must be a hard regular surface unencumbered by objects/obstacles in the measurement field.
3. For more accurate result, choose a target that is flat and large with hard surfaces.
4. Put a piece of cardboard in front of the target if the measured target is small, irregular or soft.
5. The ultrasonic distance meter cannot measure through glass, but will measure to glass.
6. For long distance measuring 40 Feet (12M),the relative humidity should be above 48% and target size of at least 10 ft by 10 sq ft /3M BY 3M<sup>2</sup>.

### Care and handling:

1. The laser tape is a precision instrument which must be handled with care.
2. Avoid shock, vibrations and extreme heat.
3. Avoid dust and water, which may obstruct the lens. If needed, use a soft cloth or cotton swab and glass cleaner to clean the lens.
4. Keep the laser tool dry and clean.
5. Check battery regularly to avoid deterioration.
6. Remove battery if the laser tool is to be stored for an extended period of time.