

TOLSEN

35172 LASER DISTANCE METER

INSTRUCTION MANUAL



WARNING



Laser Class 2 products;
Do not look directly into the beam with optical
aids or direct it towards other people
unnecessarily.

Button functions



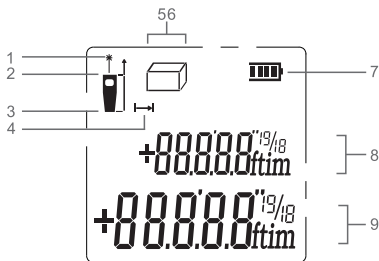
1



2

1. ON/Measure button
2. Menu button(distance/Area /Volume) /
Unit/Off button

LCD Display



1. Laser on
2. Reference point (front)
3. Reference point (rear)
4. Distance /Continuous measurement
5. 6.measuring mode indication
7. Battery status
8. Previous value
9. Summary line/latest value /calculation result

INITIAL OPERATING AND SETTING

Power On / Off

Power on/off (manually)
Open the battery cover on the back, insert
2*AAA batteries.
Short press to power on the device.

Long press to switch off the device.
The instrument switches off automatically
after three minutes of inactivity.

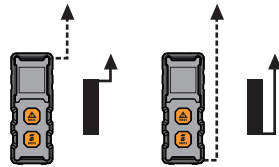
Measurement Unit

The default unit of the measurement unit is
meter.

Long press for 2 secods to change units
between m/ft+in.

Adjusting Measuring Reference

Press and to switch reference point
between the top and the bottom of the
instrument.
There is a beep warning tone when reference
point is changed.
The default reference setting is from the rear
of the instrument. The reference point will be
set to default every time when it's powered
off, i.e. the measuring reference point is from
the bottom of the instrument every time when
it's powered on.



Single Distance Measurement

Press to activate the laser.

Press again to trigger the distance
measurement. The measured value is
displayed immediately.

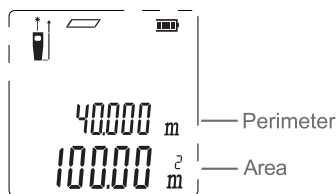
Continuous Measurement

Long press to activate continuous
measurement.
The measured values are displayed on screen
in real time when moving the device.
The last measured value is displayed in the
summary line. User can press to stop
the function.

*This function will be stopped automatically
after 5 minutes of inactivity.

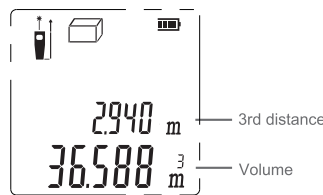
Area Measurement

Press to select Area measurement mode
. According to reminding of the flashing
line, press to get the distance for 1st line
(Length), press again for 2nd line (Width) ,
the Area is calculated and displayed in the
summary line.



Volume Measurement

Press to select Volume measurement
mode . According to reminding of the
flashing line, press to get the distance for
1st line(Length), press again for 2nd line
(Width), press third time for 3rd line
(Height), the Volume is calculated and
displayed in the summary line.



TROUBLE SHOOTING

All errors or failures will be shown as codes.
The following table explains the meaning of
codes and solutions.

Code	Cause	Corrective Measure
204	Calculation error	Refer to user manual, repeat the procedures.
208	Excessive current	Please contact your distributor
220	Battery low	Replace new batteries.
252	Temperature too high	Cool down device within temperature 0~40 ℃.
253	Temperature too low	Warm up device
255	Received signal too weak or measurement time too long	Use target plate or change a good reflective surface.
256	Received signal too strong	Target too reflective, use target plate or do not aim at strong light objective.
261	Outside of the range of measurement	Select the measurement distance within the range of measurement.
500	Hardware error	Switch on/off the device several times. If symbol still appears, please contact your distributor.

SPECIFICATION

Measuring range ¹	0.2~25m / 0.65-65.5ft
Measuring accuracy ²	±3 mm
Measuring units	m/ft+in
Laser class	Class 2
Laser type	630-670nm, <1mW
Single / Continuous measurement	√
Area /Volume measurement	√
Button	Soft rubber buttons
Operating temperature	0℃~40℃
Storage temperature	-10℃~60℃
Battery life	5,000 measurement times
Battery type	AAA 2 x 1.5V
Auto laser off	30 seconds
Auto switch off	180 seconds

1. The maximum measuring range is
determined by the version of laser distance
meter. Exact measuring range is shown on the
gift box. During daylight or if the target has
poor reflection properties, please use target
plate.

2. In favorable conditions (good target surface
properties, room temperature),the device can
reach up to rated measuring range.
In unfavorable conditions, such as intense
sunshine, poorly reflecting target surface
(black surface) or high temperature variations,
the deviation over 10m of distance may
increase .

CONTACT US

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