Laser Distance Meter
LM20m/LM40m
Quick Start Guide

Overview

Thank you for choosing UNI-T!

Please read this Quick start Guide to ensure safe and efficient usage of this product.
This handy device has only one button which enables users to quickly measure distance accurately.

⚠ WARNING

LASER RADIATION,DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
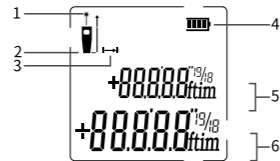MAXIMUM OUTPUT<1mW
WAVELENGTH 630~670nm

LASER 2

Laser Class 2 products;
Do not look into the beam directly or indirectly with optical aids.

Button

DIST

ON/OFF/Measure/Unit

LCD Display

1.Laser on
2.Reference point(rear)
3.Distance measurement
4.Battery status
5.Previous value
6.Summary line/latest value/result

Power On/Off

Power on/off(manually)
Open the battery cover on the back, insert 2*AAA alkaline batteries.

Press to power on the device.
Press and hold it for two seconds to change units(m/ft+in).
Press and hold it for three seconds to power off the device.
The instrument powers off automatically after three minutes of inactivity.

Single Distance Measurement

Press to activate the laser.
Press again to trigger the distance measurement. The measured value will be displayed immediately.

TROUBLESHOOTING

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.

Code	Cause	Corrective Measure
252	Temperature too high	Cool down device to temperature 0~40 ℃.
253	Temperature too low	Warm up device to temperature 0~40℃
255	Received signal too weak or measurement time too long	Use target plate or change to 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 measurement range	Measure distance within the correct range.
500	Hardware error	Switch on/off the device several times. If symbol still appears, please contact your distributor.

SPECIFICATION

Specification	LM20m/40m
Measurement range	0.2~20m/40m
Measuring accuracy	$\pm(3+5\times10^{-5}D)$mm
Measuring units	m/ft+in
Laser class	Class 2

Laser type	630-670nm,<1mW
Single measurement	√
Button	Soft rubber button
Operating temperature	0℃~40℃
Storage temperature	-10℃~60℃
Battery life	5,000 measurements
Battery type	2 x 1.5V AAA Alkaline
Auto laser off	30 seconds
Auto power off	180 seconds

1.The maximum measurement 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 the target plate.

2.In favorable conditions(good target surface properties, room temperature), the device can reach up to rated measurement range.
In unfavorable conditions, such as intense sunshine, poorly reflecting target surface (black surface) or high temperature variations, measurement range and accuracy may be affected.

Packing list:

Item	Name	Unit	Quantity
1	Laser distance meter	Pc	1
2	Instrument Bag	Pc	1
3	AAA Alkaline battery	Pcs	2
4	User Manual	Pc	1

UNI-T
UNI-TREND TECHNOLOGY（CHINA）CO., LTD.

No6, Gong Ye Bei 1st Road,
Songshan Lake National High-Tech Industrial
Development Zone, Dongguan City,
Guangdong Province, China
Tel: (86-769) 8572 3888
http://www.uni-trend.com

CE RoHS 2