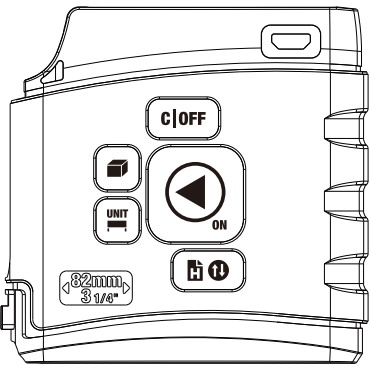




MULTI-FUNCTION DT20 USER MANUAL

Quick Start

Product Overview

Thank you for using MileSeeY product, please read the instruction carefully before operation. MileSeeY DT20 is a digital measure tape combined with laser distance meter. Square design in horizontal lines structure guarantees precise results. Once you hold it, you will fall in love with it for its high softness from rubber cover and round coners. Thanks to 2.0" backlight LCD, measure figures are easily eye-catchable even in dark environment. Precise figures are fast displayed on screen when you pull out the measure tape; surprisingly, area and volume functions are workable when go with measure tape measurement. What's more, tape lock prevents any possible harm. Its laser measure range up to 40m, installed with full functions of area, volume, Pythagoras 2 & 3 points measurement, 20sets / 50 sets (Bluetooth Version) of memories could be read over. Rechargeable liu-thium battery makes it's more environmental and serves longer.

Safety Instructions

For the safe use of this handheld laser distance meter, please read below instructions carefully.

Warning

a. This product is a class II laser product, so please don't look directly at the laser beam or aim the laser beam at others when you use it. Don't look directly at the laser beam through the optical lens. Otherwise, it will do harm to your eyes.
b. This product complies with stringent standards and regulations, but it does not completely exclude the possibility that products will interfere with other equipment and may have an adverse effect on humans and animals.

* Do not use this product in explosive or corrosive environment
* Please do not use this product near medical equipment
* Do not use this product on the plane.

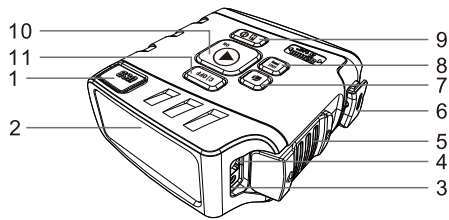
①Waste disposal:
Protecting the environment is our responsibility. Used batteries are not allowed to be disposed of with domestic waste. Please dispose used batteries at designated garbage collection station.
This product is not allowed to be disposed of with domestic waste. Please dispose this product according to national or regional implementation laws and regulations.

②Scope of liability:
If the instrument is not used in accordance with this instruction, damage cased due to usage of third party parts or self - transformation will not be covered by MileSeeY's responsibilities.

Lithium Battery Charging Instructions
This product has a built-in lithium battery. Please use the original USB cable while charging, you also can charge by connecting to a computer, but it takes longer.

Warning
Laser distance meter may heat up when charging, it's normal, no effect on the device performance and service life.

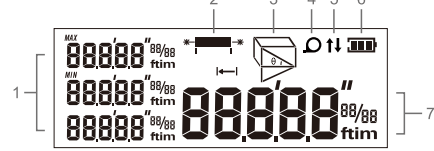
Appearance



- USB port**
- LCD backlight**
- Laser sending lens**
- Laser receiving lens**
- Tape lock**
press down to fix/press up to withdraw
- Tape hook**
- Functions**
short press to switch of area/volume/Pythagoras 2 points/ 3 points
- Unit/reference**
short press to Histroy Records, press [UNIT] to previous record, press [H/FT] to next record, long press [H/FT] to turn ON/OFF Bluetooth

- 10. Measure**
long press to turn on
short press to turn off
Long press to shift from digital tape measurement to laser distance measurement
- 11. Return/Off**
short press to return
long press to turn off

LCD Display Icon



- History
- Reference (top/button)
- Functions
Area
Volume
Pythagoras 2 points
Pythagoras 3 points
- Digital Measure Tape
- Bluetooth
Bluetooth automatically turn on
- Battery indication
- Real-time measure figure

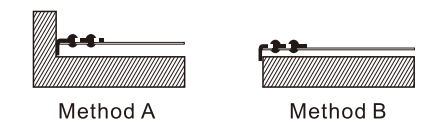
Operation Instruction

Bluetooth Connection (only for Bluetooth Version)
Device operation
When turn on device, Bluetooth will turn on automatically, the icon [BT] flickering means Bluetooth un-connected, stop flickering means connected successfully.
Cell Phone
Turn on the Bluetooth, load "MileSeeY Pro", into CAD, Camer or Excel, settle up a new measure task, click [BT] or Bluetooth Icon, choose "Coonect Bluetooth", when Bluetooth icon turns from grey to blue, means connected successfully. Then user could remotely control the device in App: measure distance, transfer date etc.

Measure Instruction

Long press Measure Button for [ON] digital measure tape or laser distance measure.

- Digital Measure Tape Instruction**
①Usages of Hook
The hook is used for 0-point correction to ensure accurate measurement results.
Method A:
The hook retracts when the tape is measuring against a wall.
Method B:
The hook extrudes when the tape is measuring from an edge.

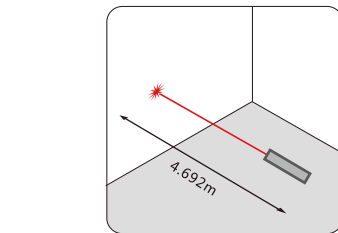


②Digital Tape Measure Instruction
Single Measurement
Long press Measure Button [ON] to Digital Measure Tape, [ON] icon, [ON] flickering means digital measure tape started, pull out the tape, figures updated accordingly, press [ON] to lock current measure figure, press again, [ON] re-start digital measure.

Area Measurement
Press [ON] and choose into area measurement [ON], pull out the tape to measure length distance, press Measure Button [ON], to lock length result; pull out the tape again to measure width distance, press Measure Button [ON], to lock width result, then primer and area results are showed on the screen.
Mark: if laser is activated into area measure function, long press Measure Button could quickly shift to digital tape area measure function.

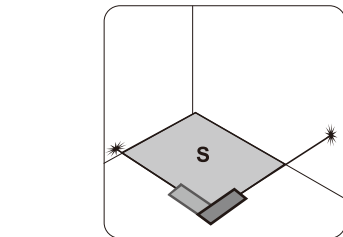
Volume Measurement
Press [ON] and choose into Volume Measure [ON] pull out tape to measure Length distance, press Measure Button [ON] to lock Lenth result; pull out tape again to get width, press Measure Button [ON], to lock width result; Pull our tape 3rd time to get height, press measure button [ON], to lock height result, then Volume is showed on the screen.
Mark: if laser is activated into volume measure function, long press Measure Button, to quickly shift to digital tape area measure function.

2. Laser measurer
single measurement [ON] area measurement [ON] volume measurement [ON]
Pythagoras 2 points measurement [ON] Pythagoras 3 points single measurement [ON] **Top and button reference are switchable, button is as default.**
③Single Measurement
The device will enter Single measurement when it is powered ON, press [ON] after aiming at target to get result at bottom of the screen. Press [ON] to measure new data.

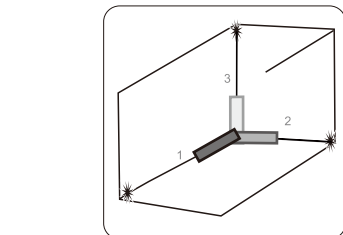


④Area Measurement
press [ON] to switch Area measurement mode [ON], According to the flashing line, press [ON] to get the first

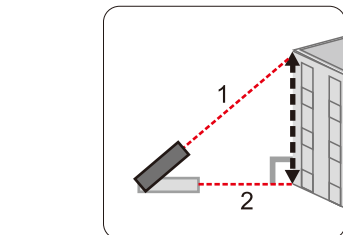
distance (Length) from the target point, press [ON] again to get the second distance (Width) from the second target point, the Area will be calculated and displayed accordingly.



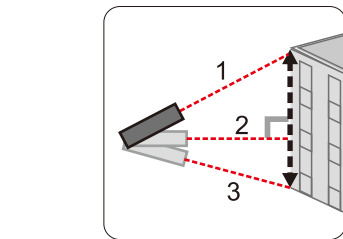
⑤Volume Measurement
Press [ON] and choose into volume measurement [ON], press Measure Button [ON], to get Length distance, press Measure Button [ON], to get width distance, press Measure Button [ON], to get Length distance, legnth, width and height are displayed on the left, volume is displayed on the right.



⑥Pythagoras 2 points measurement
Press [ON] and choose into Pythagoras 2 points [ON], according to the flashing line guidance, press Measure Button [ON], to get Hypotenuse distance, press Measure Button to get horizontal distance [ON], then the vertical distance is showed on the screen.



⑦Pythagoras 3 points measurement
Press [ON] and choose into Pythagoras 3 points measurement [ON], press measure [ON] button, to get 1st Hypotenuse distance [ON]; press Measure button to get the horizontal distance, press measure button to get 2nd Hypotenuse distance [ON], then vertical distance is showed on the screen.



Specification

Laser Mesurer	
model	DT20
range	20~40m
Measure Accuracy	± (3.0mm+5×10 ⁻⁵ D)
Unit	m/ft/in/ ' "
Reference	top/button
Laser Class	Class 2
Laser Type	630~670nm
Single Measurement	√
Area Measurement	√
Volume Measurement	√
Pythagoras Measurement	√
Hand strip	√
Bluetooth	Optional
LCD	2" black screen
History	20 sets 50 sets (Bluetooth Version)
Device off	180s
Laser off	30s
Backlight off	10s
Maximum power	< 1W
Battery	Rechargeable Lithium battery
Charger	5V 500mA
Storage Tempareture	-10°C ~ 60°C
Work Tempareture	0°C ~ 40°C
USB port type	Micro-USB
Tape Mesurer	
Length	5m
Tape Accuracy	±1.5mm
Digital Accuracy	±2mm
Blade Width	19mm
Horizontal Stand-out	≥1.8m
Area Measurement	√
Volume Measurement	√
Tape unit	ft/in
Dimension	82*82*44mm
Weight	270g

1. Range
The rear is the default reference. The maximum range shall be different according to different models. The actual range refers to the package.

2.Measuring Accuracy ("D" is the measured length)
If measuring under favorable conditions, such as smooth surface, proper temperature and indoor lighting, the device is able to work within certain range as indicated.
Maximum deviation occurs under unfavorable conditions such as bright sunlight or when measuring to poorly reflecting or very rough surfaces.
Tips: In case of bright sunlight and bad reflection of the object, please use the target plate or reflector.

Error Code-Reason And Solution

All information will be showed as code or "Error", the following are all codes and corresponding explain and solution.

Code	Cause	Corrective Measure
204	Calculation error	Refer to user manual, repeat the procedures
220	Low BATTERY	Replace batteries or charge the batteries
255	Received signal too weak or measurement time too long	Improve the reflective surface. (Use target plate, white paper)
256	Received signal too strong	Improve the reflective surface. (Use target plate, or don't aim at strong light)
261	Out of measuring range	Measuring the distance within measurement range
500	Hardware error	Switch on/off the device, if the symbol still appears after several times, please contact with your dealer.

Warning

If the product malfunctions or is damaged, please do not disassemble and repair it by yourself. You can contact your local dealer or our company for repair in time.

Contact Us

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MILESEERY®

Warranty Card

Model name	Serial Number
Invoice Code	
User Info	User Name
	Address & Tel.
Date of purchase	warranty period
Dealer	Dealer's name, address, tel.
Fault Description	

Warranty Terms

Warranty period

- This laser distance meter has one year warranty in the precondition of non-artificial damage.

Within the warranty period, certain maintenance costs will be charged under following cases

- Damages caused by improper usage or maintenance of the tool;
- The tool had been disassembled or mended by non-authorized third party;
- Without the warranty card or the purchase invoice;
- The serial number on the warranty card is different with the one on product;
The serial number has been altered or abraded;
- Damaged by any force majeure factors;
- Replacement of the worn out accessories;
- Damages caused by the abnormal factors such as the temperature/humidity in usage;
- Damages caused by the improper operation.

Please send the tool with warranty card& purchase invoice to local dealer if maintenance needed. The warranty card will not be reissued if lost; please keep it carefully for maintenance.