

M1 User Manual

Overview

Thank you for choosing our products! Please carefully read this product Quick Start to ensure the safe and most efficient use of this product.

Stonex M1 is a handy and portable Bluetooth Laser Distance Meter.

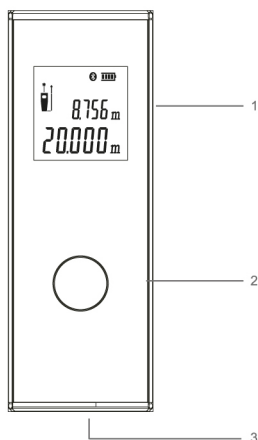
Shelled in aluminum alloy, M1 is scratch resistant with comfortable handling. Small size make it easy carry-on.

Reading during the day and night becomes easy and friendly due to 1.4 inch black-and-white display screen adaption.

Environmental Lithium battery adaption makes sure it could work longer in smaller size and lighter weight.

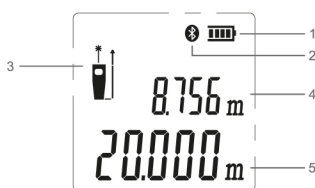
M1 (Bluetooth version) built-in Bluetooth module, could be matched with a Software like Stonex Cube-a which help users work more efficiently.

Appearance



1. Display
2. On/off/measuring button
 - Short press to turn on/measuring
 - Long press to turn off
3. USB port

Display Screen



1. Battery
 - Icon flashing indicates Bluetooth unconnected
 - Icon stop flashing indicates Bluetooth connected
2. Bluetooth (Only Bluetooth)

3. Rear
 - Distance is measured from the rear of the device
4. Historic measuring data
5. Real time measuring data

Safety Instructions

The safety instructions should be read through carefully before the product is used for the first time

Warning



a. The device is categorized into Class 2 laser product. **DO NOT** stare at laser directly or shoot at others or it will cause damage to eyes

b. The product is in accordance with strict standards and regulations through the development and manufacturing, but still can't entirely exclude the possibility of interference to other devices, may cause discomfort to humans and animals

- Please **DO NOT** use this product under explosive or corrosive environment

- Please **DO NOT** use this product near medical devices

- Please **DO NOT** use this product on the plane

1. Disposal

Everyone is responsible for environmental protection. It's prohibited to dispose used batteries together with household waste, please collect used batteries to designated waste stations. This products must not be recycled with household waste. Dispose of the product appropriately in accordance with the national regulations in your country.

2. Scope of Responsibility

Stonex will not be responsible for the damages caused by improper use below:

- Using product without instructions
- Use of accessories from other manufacturers without approval from Stonex
- Carrying out modifications or conversion of the product

Instructions for Lithium battery charging

This product has a built-in lithium battery. Please use provided USB cable while charging. The computer can also be used to charge, but this takes more time.

Warning

Please disconnect the power in time when electricity is full, to avoid any accident.

While charging, the device may heat up, this is normal, and will not affect the product performance and lifetime.

Specifications

Specifications	
Measuring Range(m)	0,2-40
Measuring Accuracy(mm)	$\pm(2.0\text{mm}+5\times 10^{-5}D)$
Single distance Measurement	√
Measuring Reference	Real
Measuring units	m
Bluetooth	√ (Only Bluetooth)
Screen type	White-on-black screen
Battery type	lithium battery
Laser class	Class 2
Laser type	630-670nm, <1mW
Auto laser off	After 180s
Operating Temperature	0°C→+40°C (32°F→+104°F)
Weight (g)	77
Dimensions (mm)	97*35*22

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, a poorly reflecting surface (black surface) or strong temperature variations, the error is higher than what is shown in the table and increases linearly with distance for measurements over 10m.

Operation Instructions

① Single Distance Measurement

The device enter single measurement mode as default when turn on. Press measuring button, current measurement data is displayed at the bottom of the screen.

② Bluetooth (Only Bluetooth)

After the boot, Bluetooth is automatically opened, Icon flashing indicates Bluetooth unconnected, icon stop flashing indicates Bluetooth connected.

Open Bluetooth on your device and search "Stonex M1" to connect.

Trouble Shooting

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	Let device cool down to operating temperature at 0°C-40°C.
253	Temperature too low	Warm up the device to operating temperature.
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 the symbol still appears, please contact your dealer for assistance.

Contact Us

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