

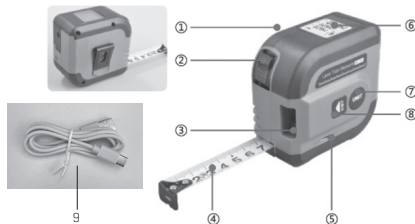


## Important - Please read before using.

- Before operating the device, please read the entire operational guide and safety regulations provided in this manual. Failure to follow the instructions may result in damage to the equipment, inaccurate measurement results, or potential injury to the user.
- Do not disassemble the instrument or attempt any form of repair. Unauthorized modifications or performance alterations to the laser emitter are strictly prohibited and may violate safety regulations. Keep out of reach of children. Use only by trained or authorized personnel.
- Direct exposure of the laser beam to the eyes or any part of the body is strictly prohibited, as it may cause serious injury. Additionally, do not aim the laser at surfaces with strong reflective properties, as this can result in hazardous reflections and unintended exposure.
- Due to potential electromagnetic interference with other equipment and devices, do not operate the device on aircraft or near medical equipment. Additionally, the device must not be used in environments containing flammable or explosive materials, as this may pose serious safety risks.
- Discarded batteries from the device must not be treated as regular household waste. Please dispose of them in accordance with applicable laws and environmental regulations to prevent harm and ensure safe handling.

## 1. OUTLINE

The 2-in-1 Digital Laser Tape Measure is designed to measure length, height, width, area, and volume with precision. It features a voice broadcast function for enhanced usability. This measuring instrument combines two functionalities: a laser distance measurement tool and a self-locking steel tape measure, making it suitable for a wide range of measurement scenarios across various environments. For detailed instructions and safety guidelines, please read this manual carefully before use.

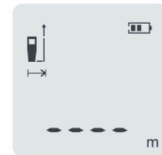


- |                        |                         |
|------------------------|-------------------------|
| 1. Metal Buckle        | 5. USB Charging Port    |
| 2. Self-locking Button | 6. Screen               |
| 3. Laser Emission Port | 7. Modes/Unit Switch    |
| 4. Tape Measure        | 8. On/Off/Measuring     |
| 5. USB Charging Port   | 9. C-Type Charging Cord |

## INSTRUCTIONS

### 1. TURN ON / TURN OFF

Under OFF state of the device, press for 1 second to turn on the device. Under on state of the device, long press for 3 seconds to turn off the device. (The backlight will turn off after 15 seconds of no activity, and the laser will turn off after 30 seconds of no activity. The device will auto shut-off after 2 minutes of inactivity.)



### 2. SINGLE MEASUREMENT

Short press to turn on the laser. Re-press for single measurement of distance, then the measured results will display on the screen.



### 3. CONTINUOUS MEASUREMENT

Short press to turn on the laser, re-press for 1 second to start continuous measurement.

The main display screen shows the current measurement result. The Max and Min measurement results will display on the top two lines of the screen. Press to exit the mode.



### 4. AREA MEASUREMENT

Turn on the device, then short press to enter the area measurement mode. The result will show with one edge flashing. Complete the following operations:

Short press to measure the first edge (length)  
Short press to measure the second edge (width)

Area will be calculated automatically by the device, and the result will show on the main display screen.



### 5. VOLUME MEASUREMENT

Turn on the device, then short press to enter the area measurement mode, The result will show with one edge flashing. Complete the following operations:

Short press to measure the first edge, L1 = length. Short press to measure the second edge, L2 = width. Short press to measure the third edge, L3 = height. Volume will be calculated automatically by the device, and the result will show on the main display screen.



### 6. UNIT SWITCHING

When device is ON, long press for 1 second to set the unit.

(0.000m → 0.00m → 0.00ft → 0'00" → 0.0in → 0in)



### 7. MEASUREMENT BENCHMARK SETTING

When device is ON, simultaneously press and to switch between taking measurements from the front benchmark and the rear benchmark. Rear benchmark is usually the default.



### 8. SETTINGS

When device is OFF, press and hold for 5 seconds to enter the setting mode, the screen flashes:

Set 1: Switch between beeps or voice prompts

Set 2: Calibration settings [adjustable range -9mm to 9mm] Note: Short press to switch the current setting choice;

Short press to switch between set 1 or set 2.



3. TECHNICAL PARAMETERS

Measurement range	0.05~60m	Bluetooth 4.0	No
Measurement precision	±2mm	Electronic level	No
Display type	FSTN LCD screen	Auto-off laser time	no operation after 30s
Unit options	m / ft / in / ft+in	Auto-off time of the device	no operation after 120s
Benchmark setting	Yes	Test time	0.1~3s
Signal measurement	Yes	Laser type	λ=630 ~ 670nm, P<1mW
Continuous measurement	Yes	Working temperature	0°C~40°C
Area measurement	Yes	Storage temperature	-10°C~60°C
Volume measurement	Yes	Battery Type	Lithium Battery
Pythagorean measurement	No	Protection level	IP54
Beep	Yes	Dimension	80*42*78mm
Voice function	Yes	Weight	240g (no battery)
Tape measurement range	5m		

4. CODE ERROR DISPLAY AND SOLUTIONS

203	Exceeding temperature	Use the device under the working temperature range.
220	Low battery	Charge or replace battery
254	Data overflow	Remeasure after reading the user manual
255	Weak signal or measuring for long time	Test strong reflection ability of target
256	Strong signal	Test weak reflection ability of target
257	Exceeding measuring range	Use the device under the max measuring distance range.
300	Hardware error	Restart, please contact the dealer if not resolved.



\*Avoid operating the device in conditions where ambient light is excessively strong or where the diffuse reflectivity of the target surface is either too high or too low, as these factors can significantly affect measurement accuracy. In environments with strong sunlight or weak reflection, it is recommended to use a dam-board to improve measurement reliability.

SHARPER IMAGE®

2-IN-1 DIGITAL LASER TAPE MEASURE

Item No. 212354

User Guide



Thank you for purchasing the Sharper Image 2-in-1 Digital Laser Tape Measure. Please take a moment to read this guide and store it for future reference.