LASER DISTANCE METER

JT-LDM01

MANUAL

1. GENERAL INFORMATION

The ultra-compact JT-LDM01 laser rangefinder impresses with its high-quality aluminum housing and allows precise measurements up to 30 meters away. With an accuracy of ±2 mm, you are always up to even the most demanding tasks, while the light weight of just 28 g ensures that you can stow this measuring tool away effortlessly. The uncomplicated charging via USB-C is also impressive and makes the JT-LDM01 a reliable companion for professional applications and ambitious DIY projects.

In addition to exact individual measurements, the device even supports indirect measurements thanks to the Pythagoras function, giving you maximum flexibility. In addition, the JT-LDM01 allows you to quickly and easily determine areas and volumes so that you always have a solid planning basis for your work. In difficult lighting conditions or in larger rooms, the continuous measurement helps you to achieve accurate results and maintain an overview.

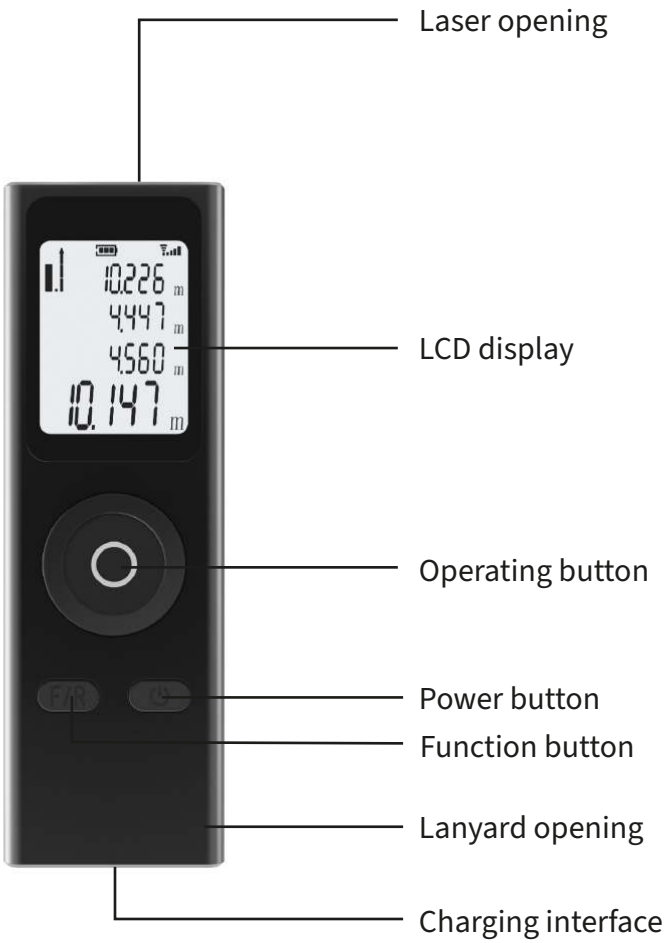
Thanks to the high-quality materials and well thought-out design, the laser distance meter always works reliably, even under changing conditions. Whether on the construction site, in the workshop or when renovating at home: The JT-LDM01 adapts flexibly to your requirements and can be used in temperatures between 0 and 40 °C without any problems.

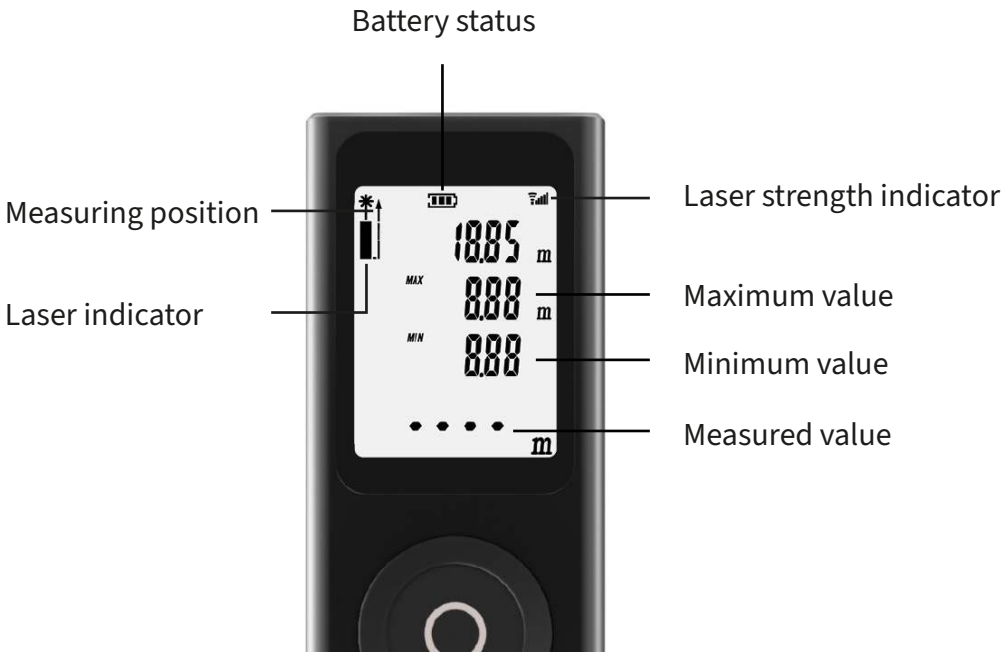
Its ultra-compact format makes it ready to hand at all times, and the included neck strap provides additional carrying comfort. Trust in reliable performance, consistent precision and advanced design - making measuring a pleasure in any situation.

2. SAFETY INSTRUCTIONS

- Never point the laser beam at people or animals and never look directly at the laser or at reflective surfaces. This can cause glare, accidents or eye damage.
- If the laser beam is directed into the eye, consciously close your eyes and immediately move your head out of the beam area.
- Do not make any unauthorized changes to the laser unit.
- Do not use laser goggles as safety goggles. They only serve to make it easier to see the laser beam and do not protect against the radiation.
- If your measuring device is defective, only have it repaired by qualified specialist personnel using original spare parts . This ensures that all safety functions are retained.
- Make sure that children do not use the laser measuring device unsupervised to avoid unintentionally dazzling people.
- Do not use the device in potentially explosive atmospheres where flammable liquids, gases or dusts may be present. Sparks or other ignition sources could cause dangerous reactions in such environments.

3. DEVICE


Laser opening
LCD display
Operating button
Power button
Function button
Lanyard opening
Charging interface

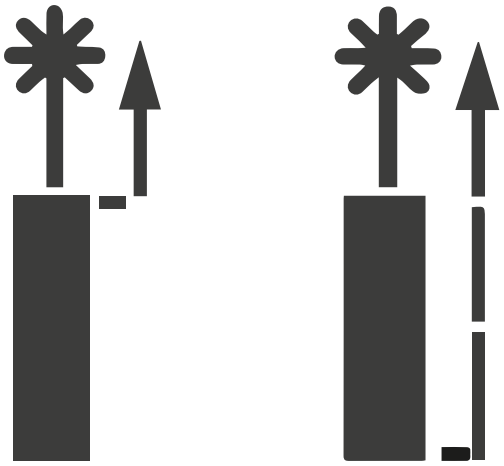

Battery status
Measuring position
Laser indicator
Laser strength indicator
Maximum value
Minimum value
Measured value

4. OPERATION

4.1 GENERAL OPERATION

Briefly press the control button to switch the device on. Press and hold the power button for 2 seconds to switch the device off.

You can also set the measuring position from which the measurement should start (measurement with front edge or rear edge of the measuring tool). To do this, press the function button for about one second. The measuring position is displayed at the top left of the screen:



The measuring unit of the device can be set to meters (m), feet (ft) or inches (in). To make the setting, first switch the device off. Now press and hold the operating button. After about 2 seconds, the device automatically changes the measuring unit.

To switch the backlight on or off, press and hold the power button for about one second.

4.2 SINGLE MEASUREMENT

Briefly press the operating button to switch on the laser. Briefly press the operating button again to perform the distance measurement.

NOTE: If you switch the device on using the operating button when it is switched off, the laser is also switched on. If the device is not operated within 20 seconds, the backlight is automatically switched off. After 60 seconds, the entire device is shut down.

4.3 CONTINUOUS MEASUREMENT

During a continuous measurement, several measurements are automatically carried out in succession until the function is ended. The minimum and maximum values are also shown on the display.

To carry out a continuous measurement, press and hold the operating button for about one second. The measurement starts automatically.

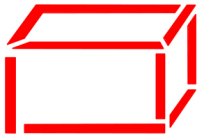
To end the continuous measurement, press the operating button again.

4.4 AREA & VOLUME MEASUREMENT

After you have switched on the device, briefly press the function button to switch to area mode. This is shown on the display with the following symbol:

Now carry out two distance measurements. The resulting area is automatically displayed.

To perform a volume calculation instead, press the function button again. The volume mode is shown on the display with the following symbol:



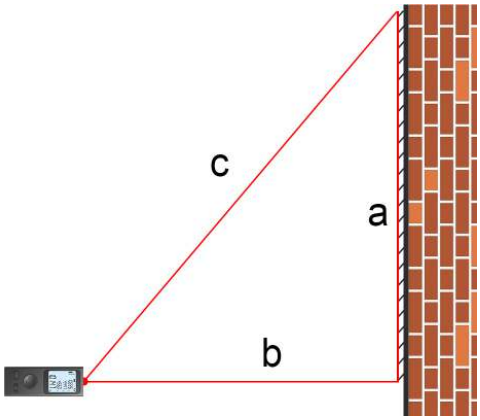
Now carry out three distance measurements. The resulting volume is automatically displayed.

4.5 PYTHAGORAS MEASUREMENT

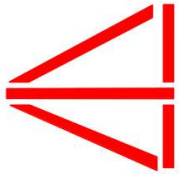
After you have switched on the device, press the function button until the following symbol appears:

Note: The side to be measured next is shown flashing on the display.

In this mode, a missing length (a) is automatically calculated from two measured lengths (b & c) using the Pythagorean theorem ($a^2 + b^2 = c^2$):

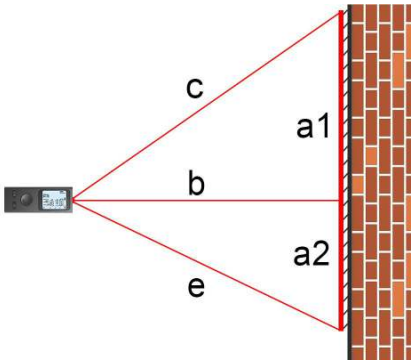


Press the function button for additive Pythagoras mode again. This is indicated on the display by the following symbol:

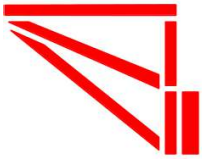


Note: The side to be measured next is shown flashing on the display.

In this mode, three measurements (c, b and e) are carried out to calculate a missing length (a, which results from a1 + a2):

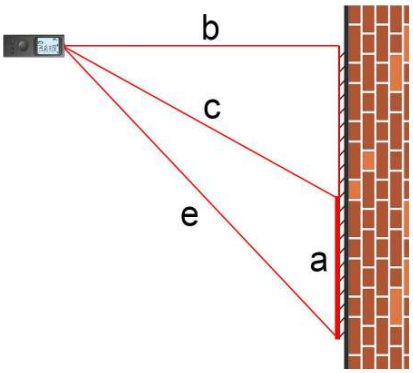


Press the function button again for subtractive Pythagoras mode. This is indicated on the display by the following symbol:



Note: The side to be measured next is shown flashing on the display.

In this mode, three measurements (b, c and e) are carried out to calculate the missing length a:



5. OTHER INFORMATION

OUR INFORMATION AND TAKE-BACK OBLIGATIONS UNDER THE ELEKTROGESETZ (ELEKTROG)

SYMBOL ON ELECTRICAL AND ELECTRONIC EQUIPMENT

This crossed-out garbage can means that electrical and electronic appliances do not belong in household waste. You must hand in the old appliances at a collection point. Before handing them in, you must separate used batteries and accumulators that are not enclosed by the old appliance.

RETURN OPTIONS:
As an end user, you can return your old appliance (which essentially fulfills the same function as the new appliance purchased from us) for disposal free of charge when purchasing a new appliance. Small appliances with no external dimensions greater than 25 cm can be disposed of in normal household quantities regardless of whether you have purchased a new appliance.

RETURN OPTION AT OUR COMPANY LOCATION DURING OPENING HOURS:
SIMAC Electronics GmbH, Pascalstr. 8, D-47506 Neukirchen-Vluyn

POSSIBILITY TO RETURN NEAR YOU:
We will send you a parcel stamp with which you can return the device to us free of charge. To do so, please contact us by e-mail at service@joy-it.net or by telephone.

PACKAGING INFORMATION:
Please pack your old appliance securely for transportation. If you do not have suitable packaging material or do not wish to use your own, please contact us and we will send you suitable packaging.

6. SUPPORT

We are also there for you after your purchase. If any questions remain unanswered or problems arise , we are also available to assist you by e-mail, telephone and ticket support system.

E-MAIL: service@joy-it.net
PHONE: +49 (0)2845 9360 - 50

You can find our current opening hours at:
WWW.JOY-IT.NET/SERVICE

For further information, please visit our website:
WWW.JOY-IT.NET