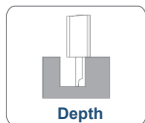


Operation mode



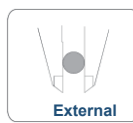
Steps



Depth



Internal



External

1. Use steps

1. Rotate to right to loosen the locking screw of the caliper and release the lock of the caliper, then hand-pushed roller caliper can be moved
2. Turn on to check if the caliper display and keys work.
3. Clean the measuring surfaces of the measuring tool. Close the measuring claw with appropriate force, shortly-press $\varnothing$ /0 to turn on and set

2. Measurement operation

- a. Press the switch or pull the caliper frame to light up the display.
- b. According to the measurement requirements, press the Metric/inch button to select the measurement unit.
- c. Move the caliper frame so that the measuring surfaces of the two calipers are in close contact with the surfaces of the measured object, and then read the value shows on screen.

Normal mode : Turn on the power supply, the display shows the position of the ruler frame before turning off the power supply, and the zero position (origin) of the caliper is the last set zero position (origin) before turning off the power supply. When using the absolute measurement mode, there is no need to adjust the origin position. When using the relative measurement mode, Press INC to adjust the zero position (non origin) according to the demand.

Power saving mode (shutdown time is more than 8 hours): turn on the power supply, and the absolute measurement zero position (origin) of the caliper is the position of the caliper frame when starting up. After the measuring surface needs to be cleaned, move the ruler frame to close the measuring surface, and long press the $\varnothing$ /0key for five seconds to reset the zero position (origin) of the absolute measurement mode.

- d. Switching between absolute measurement and relative measurement

Relative measurement: briefly press the INC button, the Inc indicator appears in the left corner of the LCD display, and the caliper enters the Inc memory measurement. At the same time, clear to zero, and start counting from the position of the caliper frame to zero when pressing the INC key.

Absolute measurement: press the INC button in the relative measurement mode, the Inc indicator will disappear and return to the absolute mode, and the counting will start from the zero position (origin) set by the startup.

- a) Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- b) Even used batteries may cause severe injury or death.
- c) Call a local poison control center for treatment information.
- d) Battery type: CR2032
- e) Nominal battery voltage: 3V
- f) Non-rechargeable batteries are not to be recharged.
- g) Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- h) Ensure the batteries are installed correctly according to polarity (+ and-).
- i) Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- j) Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- k) Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



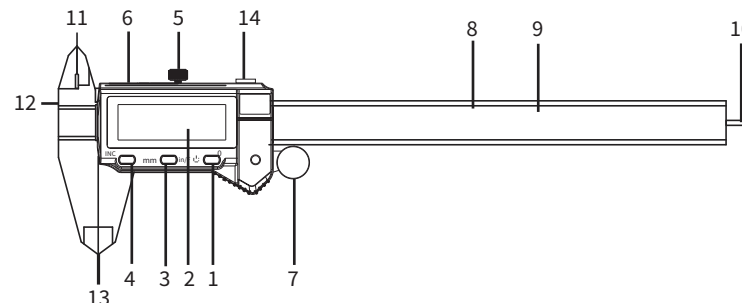
Instruction manual

IP67 DIGITAL CALIPER

Product features

1. Set zero at any position.
2. The measurement unit can be set to mm/in/F.
3. Can maintain the consistency of the origin.
4. Whenever it is turned on, the LCD will display the current ruler frame position at any time
5. The absolute origin is adopted, and there is no need to adjust the zero position repeatedly.
6. Minute automatic screen shutdown, 8-hour automatic power failure, low power consumption design
7. No response speed limit, no error due to average speed change

Product Figure and Buttons



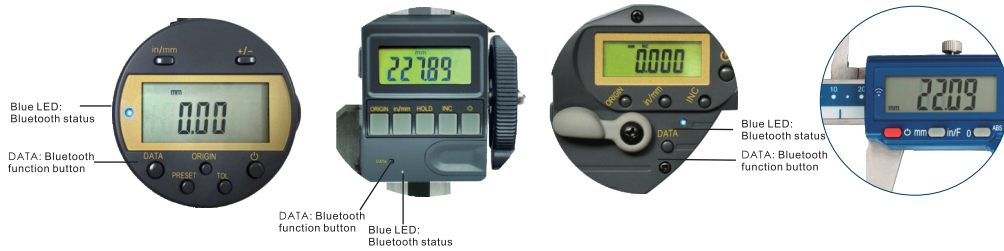
1. $\varnothing$ /0 button: Press and release Power on/ off, System will work under absolute measuring mode when power on. If "SET" shows on the screen, pls long press this button to set ZERO.
2. LCD screen: display measurement value.
3. INC button: **Press and release the button:** at any position. LCD will display "0.00" and "INC", the caliper is ready for relative measurement. Press and can turn back the absolute measurement. This time the symbol "INC" disappear.
- Long press the button:** LCD will display "0.00", The origin is set at this position.

4. mm/in/F button: Press this button can change measuring standard.
5. Locking screw: Left twist for fixing caliper position, right twist for unlock.
6. Battery cover: replace battery.
7. Thumb roller: used to push measurement.
8. Scale
9. Beam
10. Depth measurement rod: measuring depth.
11. Internal jaws: measuring Internal dimension.
12. Step measurement: measuring step dimension.
13. External jaw: measuring external dimension.
14. Bluetooth

Parameter

Measuring range	0-150mm (0-6")/0-200mm(0-8")/0-300mm(0-12")
Accuracy	0.01 mm/0.0005" /1/128"
Power	CR2032 lithium battery
Environmental humidity	0-80%
Working temperature	0-40°C(32-104°F)
Storage and transportation	-20~70°C(18-140°F)

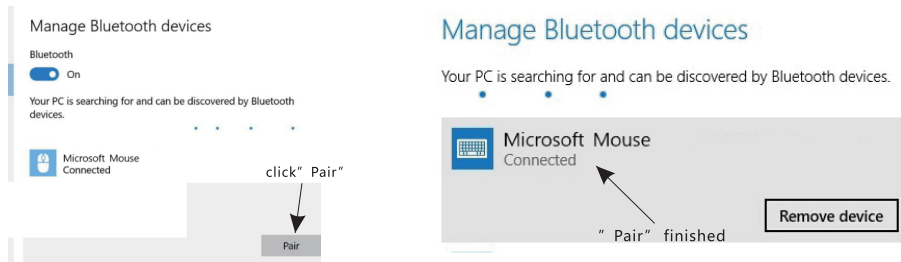
Bluetooth 4.1 module INSTRUCTIONS



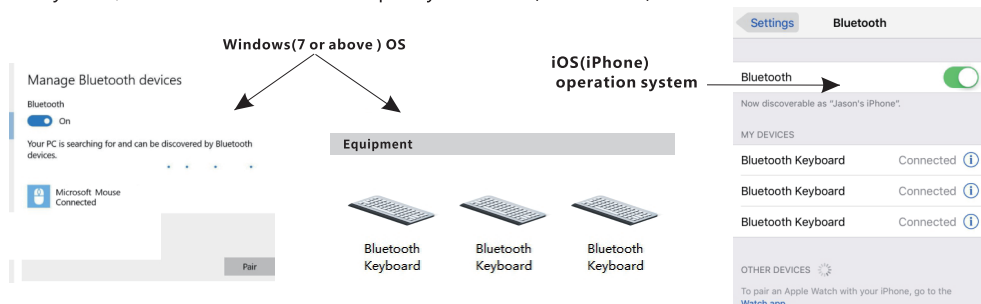
Please indicate the position according to the actual product.

Pair and send data

As the measuring tool and Bluetooth device (PC, mobile etc.) used for the first time, it needs to pair each other, the operation method as following: Open the Bluetooth seeking function of the device (PC, mobile etc.), then press the DATA button of measuring tool and keep over 3 seconds, until the blue LED blinks quickly (approx 1 second per time), that meaning is the measuring tool can be found by the receiving device, then relax the DATA button, waiting for "Bluetooth Keyboard" symbol shows on the receiving device, and then click "Pair", the receiving device and the measuring tool will be connected. After the connecting successful, blue LED will blink slowly (1 second on and then 5 seconds off, once by once...). If the pairing is unable to connect successful in 5 minutes, the measuring tool will quit pairing mode automatic. Still needs to continue to pair, please repeat the previous operation.



for the difference OS, it may support multiple Bluetooth keyboard at the same time, such as windows (7 or above) 、IOS, after connecting successful, system will appear multiple Bluetooth keyboard icon or symbol, shows as below :for example by Windows(7 or above) OS



After the connecting successful, short press the DATA button and relax, the measuring tool will send data to receiving device (PC, mobile etc.), and the blue LED will blink twice quickly to alert user that data has been sent out. For example by Windows OS: Activate the interface of office program

	A	B	C	D	E	F
1						
2						

To be explained is, using multiple Bluetooth Keyboard collect data in IOS at the same time, it will happen to switch slowly between each Bluetooth keyboard automatically than Windows OS, (caused to press the data button, the data send failure, and need to try to press the data button again to send data), it may be difference between Windows OS and IOS.

- Notice:**
- During pairing between the receiving device and the measuring tool, be careful to keep them closely.
 - For windows 7 and previous versions of the operating system, before pairing, please confirm that if installed the operating system for the Bluetooth adapter, if not installed, may not be paired. It can be matched directly for windows version 8 and above without installing Driver.
 - When the time is less than 2 seconds between twice sending, it will happen to lose the data.

Auto OFF/Manual closing

Auto OFF : Over when 15 minutes no data sending out or no any operation, inside Bluetooth module will power off automatic to save power.

Manual closing : Under pairing mode or connected state, if you want your Bluetooth to sleep, just long press the DATA button for 3 seconds or more until the blue light goes out. Turn off the computer or other mobile phone with Bluetooth function, after disconnection, the Bluetooth module on the gauge will automatically enter dormancy

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.