



# iGAGING 100-700-B04 Digital Caliper with Wireless Output Instructions

[Home](#) » [iGAGING](#) » iGAGING 100-700-B04 Digital Caliper with Wireless Output Instructions 



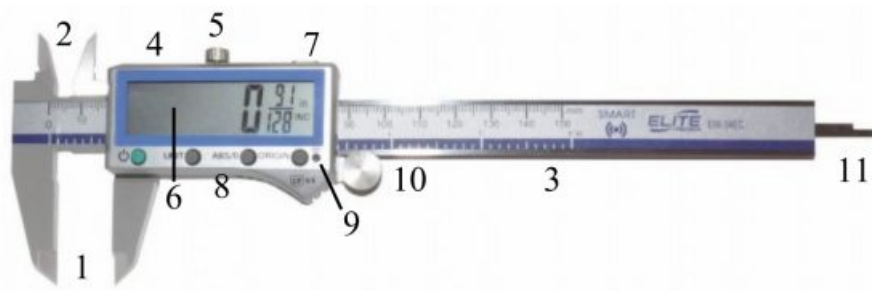
## 100-700-B04 Digital Caliper with Wireless Output Instruction Manual

**\*\*Please read through this owner’s manual carefully before using the gauge. Use the tool properly and only for its intend use.**

This digital caliper uses highly accurate ABSOLUTE encoder technology. It memories its origin zero position at all times.

When turned on, it will display its actual position and be ready to use without any additional set ups or calibration. IP54 protective rating.

The wireless data output function is compatible with most Bluetooth-enabled electronic digital devices.



1. Outside measuring surfaces	7. Wireless Data Output
2. Inside measuring surface	8. Function keys
3. Caliper body	9. Wireless Data Indicator
4. Battery Compartment	10. Adjustment Roller
5. Locking screw	11. Depth Bar
6. LCD Display	

## Contents

- [1 Specification:](#)
- [2 Operations:](#)
- [3 Wireless Data Outputs](#)
- [4 Documents / Resources](#)
- [4.1 References](#)
- [5 Related Posts](#)

## Specification:

**Measuring speed:** Unlimited

**Protection rating:** IP54

**Power:** Battery 3V, CR2032; Storage temperature: 0-40°C

**Operating environment:** 0-40°C; humidity: <80%

Item#	Range	Resolution
100-700-B04	0-4" / 0-100mm	0.0005"/0.01mm
100-700-B06	0-6" / 0-150mm	0.0005"/0.01mm
100-700-B08	0-8" / 0-200mm	0.0005"/0.01mm
100-700-B12	0-12" / 0-300mm	0.0005"/0.01mm

## Operations:

- Press the Power key to switch the unit on or off. To conserve power, please turn the unit off when not in use.
- Press the UNIT key to select desired measurement unit (inch or mm).
- Press ABS/0(zero) key to switch between absolute measure and incremental zero measure. The absolute measure is based on the Origin setting zero.  
Relative zero gives the user the ability to set incremental zero. Short press to enter incremental mode; INC will display.  
Long press for 3 seconds to exit.
- Press the ORIGIN key to reset origin zero. Manufacture pre-set Origin at zero position where the two outside measuring surfaces gently touched.  
If Origin needs to be reset, press the Origin key for 5 seconds, and the display will show "0.00mm" and a new origin zero has been set.
- Battery: When the battery sign starts flashing or no display, a new battery is needed. Remove the old battery by removing the battery cover with the rubber insert; Install a new 3V CR2032 battery with the "+" side facing out. Please recycle responsibly. Turn on the display and follow the instruction to reset Origin. Please keep the battery compartment sealed at all times.

## Wireless Data Outputs

This product will work with most of the electronic devices with Bluetooth connectivity.

\* It is recommended not to turn on or use the data output option within the first 10 seconds of usage.



- First-time use: turn on the Bluetooth discovery feature on your electronic device. Press and hold Data Button on the caliper for 5 seconds, or until your device discovers the “Bluetooth Keyboard”; release the Data Button. Please confirm by choosing “Bluetooth Keyboard” on your device. Open a program or an APP, short press the Data Button to export data. Wireless Data Output Indicator will continue to flash in slow sequence during the time of use.

To output data in a program like Excel, please make sure to format the number display to at least 5 decimals. For some IOS applications, please make sure to switch off “Caps Lock Latin Switch” in Hardware Keyboard under the Keyboard setup.

- Reconnect: If the “Bluetooth Keyboard” is already registered with your electronic device previously, hold Data Button for 3 seconds and release it for reconnecting. Depending on the receiving device, it may be necessary to reconnect after 5 minutes of none usage.
- Switch between programs: If the user is switching programs, “Bluetooth Keyboard” should be able to access all applications freely. In the event that the data would not transmit to a different application, please use the “disconnect” or “forget” device option from your Bluetooth setup, and reconnect.
- Connect to another device: Temporarily turn off the Bluetooth on your first device. Follow the “First-time use” steps to establish Bluetooth connectivity on the second device.
- Wireless connectivity will stop operating after 5 minutes of none usage to conserve power.

Data transmitting frequency: approximately 1.5 seconds per one data output.

Trouble shooting: If the gauge is not functioning correctly, remove the battery for a master reset.

#### **FCC CAUTION.**

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 UNDESIRE 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.

**\*RF warning for Portable devices:**

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

**Smartphone scan**



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- Do not disassemble the instrument.
  - Do not subject the instrument to blows or shock.
  - Do not store the instrument under direct sunlight.
  - Avoid exposing the unit to strong magnetic fields and live voltage.
  - Use a soft cloth to clean the instrument before and after usage. Never use organic solvents such as acetone or benzene to clean.
  - Please check with iGAGING for the most updated product information.
- Manufacture supplied information. Information may change without notice.

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San Clemente, California

*Enjoy Accuracy®*

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**Documents / Resources**

	<p><a href="#">iGAGING 100-700-B04 Digital Caliper with Wireless Output</a> [pdf] Instructions 100-700-B06, 100700B06, 2A5UB100-700-B06, 2A5UB100700B06, 100-700-B04 Digital Caliper with Wireless Output, Digital Caliper with Wireless Output</p>
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**References**

-  [iGAGING.com](http://www.iGAGING.com)