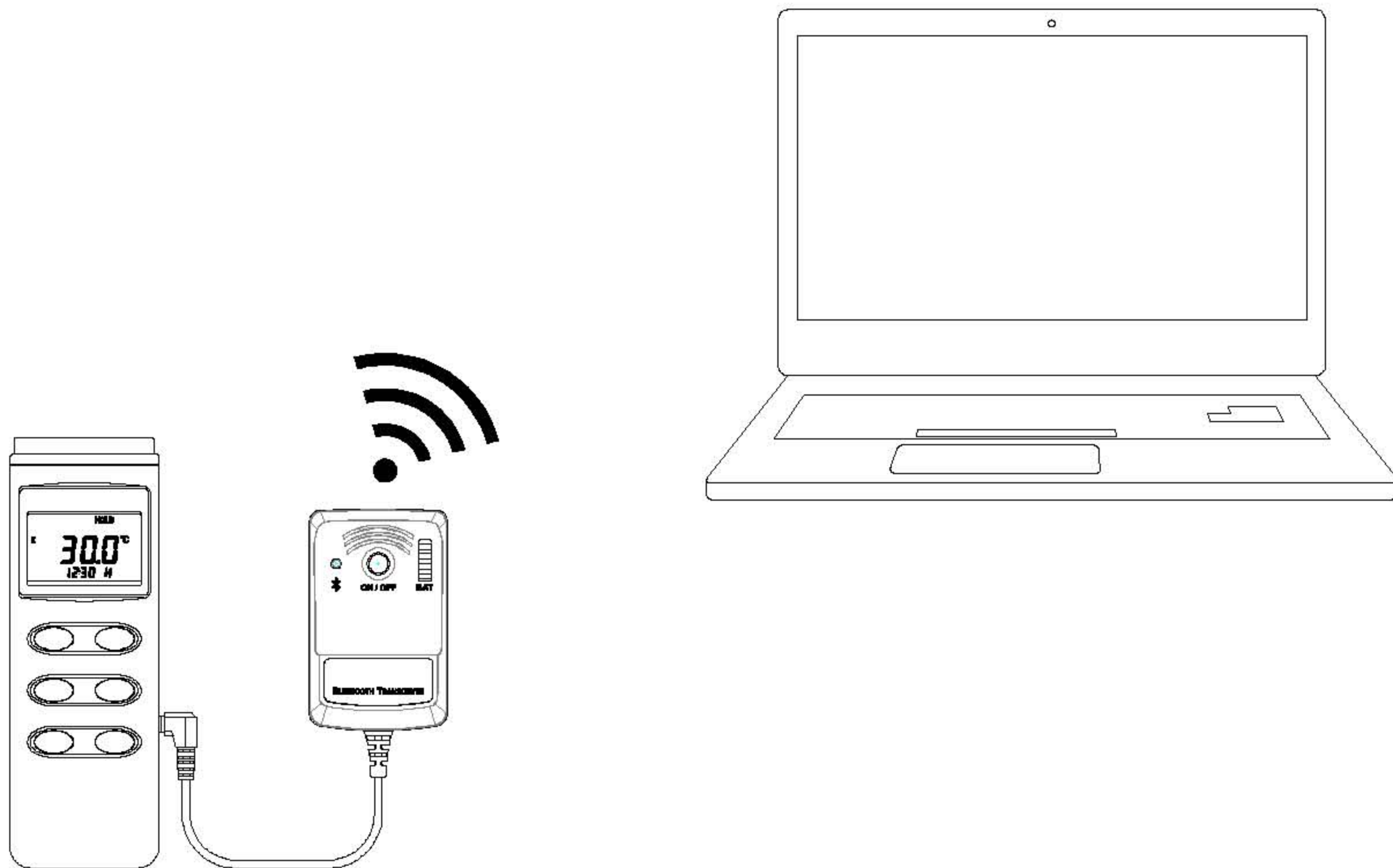


# BT -120 / 300 Instrurction Manual

## 1. General Description :

BT-120/BT-300 Bluetooth transceiver is designed for CENTER's products to transfer data between handheld instruments and personal computers through Bluetooth technology. It provides users a new wireless method to record, monitor, or transfer data more conveniently. The Bluetooth transceiver can be paired with up to 8 devices.

### Set up example:



## 2. Specifications :

**Bluetooth Version** : Bluetooth 2.0 +EDR ( Enhance Data Rate ) Class II

**Windows System Required** : Windows XP / 7 / 8

**Communication Range** : 10 meter (open space)

**Battery Type** : 4 each AAA/R03 batteries

**Battery Lifetime** : Approx. 80 hours (alkaline battery)

**Dimensions** : 95 × 45 × 20 mm

**Weight** : 105 g

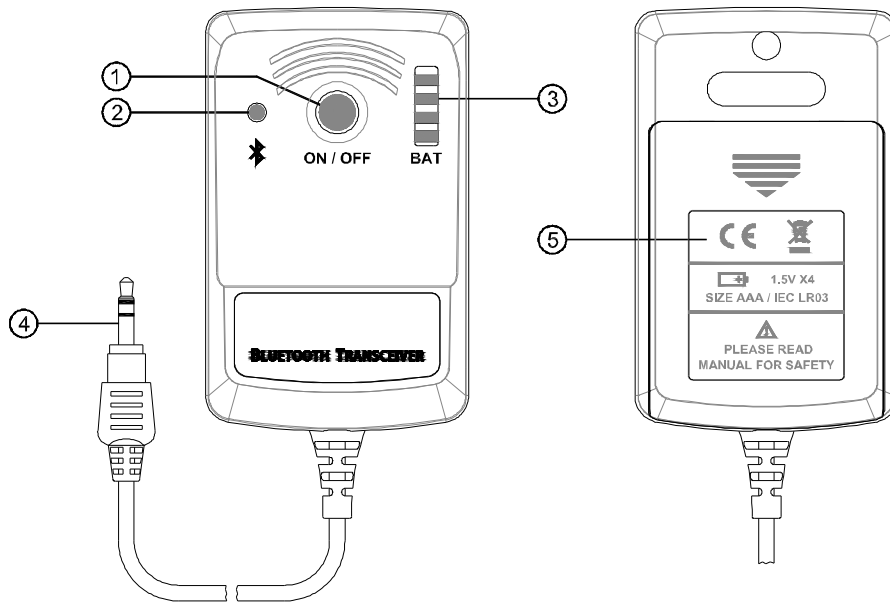
**Operation Environment** : -20 ~ 60°C ( -4 ~ 140°F ) ; 0 ~ 90%RH

**Storage Environment** : -10 ~ 70°C ( 14 ~ 160°F ) ; 0 ~ 70%RH

**Accessories** : batteries, Instruction manual,

**Safety** : CE / FCC

### 3. Symbol Definition and Button Location :



#### 3.1 Power ON/OFF

To turn on, press Power button once to turn on.

To turn off, press and hold Power button, and wait for the 4 LED lights to go out.

Power saving : auto turn off after 10 minutes idle.

#### 3.2 Working indicator LED

Data transferring : blinking blue LED

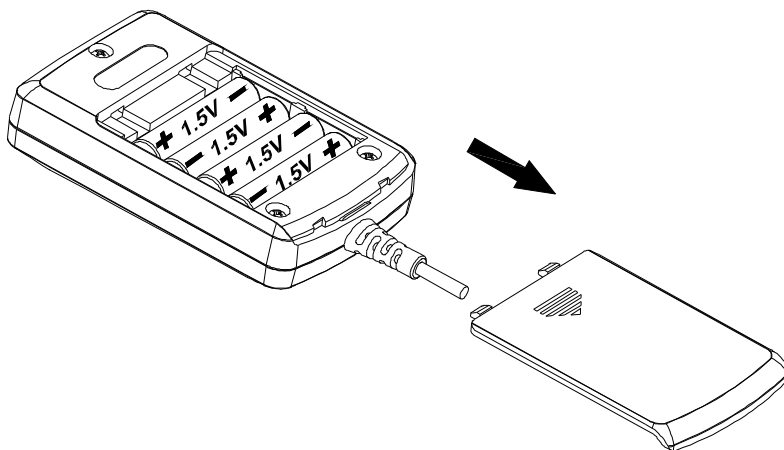
Standby : solid blue LED

#### 3.3 Battery indicator : display every 10 seconds.

#### 3.4 Connector: 3.5mm plug into RS-232 (or PC) jack of handheld instrument.

#### 3.5 Battery cover


Low battery : after powering up but no battery LED indicator lights up, please replace new batteries.



## 4. Set Up the BT-120/300 with a Computer Bluetooth Connection

Before the Bluetooth Transceiver can be used, the operator should first pairing it with the window OS for the first time and the PC/NB will create a virtual COM for the software to connect with the meter. If the PC/NB is not equipped Bluetooth hardware, the additional Bluetooth dongle will be needed. The pairing process is as following.

### For Windows XP

- 4.1 When the user turn on the Bluetooth Transceiver , it is under discoverable status.
- 4.2 Click the **Start** button , click **Control Panel**, click **Bluetooth Devices**
- 4.3 Click **Add**, and then follow the instructions
- 4.4 Perform the Bluetooth device scan
- 4.5 Once the scan is done, the Bluetooth a Transceiver should appear in the list.
- 4.6 The bluetooth Transceiver should be shown as CENTERXXX— the XXX represents BT-120/300 device ID which is shown on the battery cover.
- 4.7 The operator can choose not to use device PIN .
- 4.8 This should finished the device adding process.
- 4.9 Once the adaptor is adding the computer, the user can start to use the software shipped with the meter. It will find the proper com port and act in the normal way just like a wired connection.
- 4.10 If the computer pop up an dialog box for device PIN code, please input “1234” as the PIN code.

### For Windows 7/8

- 4.11 When the user turn on the Bluetooth Transceiver , it is under discoverable status.
- 4.12 From your PC, go to Start > My Computer > My Bluetooth Places.
- 4.13 Click **Add a Bluetooth Device** to open the Bluetooth Setup Wizard.
- 4.14 Click **Next >**. The Bluetooth Device Selection will display a list of bluetooth devices.
- 4.15 Once the scan is done, the Bluetooth Transceiver should appear in the list.
- 4.16 Select CENTERXXX— the XXX represents BT-120/300 device ID — and click **Next >**.
- 4.17 In the Pair Now tab, type the default **Bluetooth** PIN code “1234” and click **Pair Now**.
- 4.18 Upon completion of the Bluetooth Setup Wizard, rename the device if required.
- 4.19 Click **Finish** to complete the connection. The CENTERXXX is now added and connected successfully.
- 4.20 Once the Bluetooth Transceiver is adding the computer, the user can start to use the software shipped with the meter. It will find the proper com port and act in the normal way just like a wired connection.

## 5. FCC Warning statement

### a. for FCC 15b devices (15.105)

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.

**b. FCC Part 15.21 information for user**

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

**c. FCC Part 15.19**

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



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