

## **Operation Description**

### **1. Operation**

- 1) Press the power button to turn on the power.
- 2) When the blue LED blinks slowly in the indicator window, the Bluetooth pairing is ready.
- 3) Launch the Mobile Phone App to connect with the Bluetooth device.
- 4) After connecting, proceed as directed by the App.

### **2. Principle**

- 1) The pressure sensor measures the air pressure coming through the breathing port and transmits the measured value to external devices via Bluetooth or USB.
- 2) The power supply uses a built-in battery.
- 3) Charge the built-in battery with the power of Micro USB.
- 4) The power supply uses a built-in battery(3.7V, 100mAh, Li-Polymer).
- 5) Charge the built-in battery with the power of Micro USB.
- 6) If the Bluetooth Pairing does not work for about 3 minutes after turning it on, turn it off automatically..

### **3. Specifications**

**Operating Frequency : 2402MHz ~ 2480MHz**

**The number of Hopping Frequencies : 40**

**The maximum RF Output Power : - 4.89dBm**

**Modulation Type : GFSK for BLE**

**Antenna Type : External Antenna Built in Case(Ceramic Antenna)**

**Antenna Gain : 1.3 dBi**

**Crystal : 16MHz & 32.768KHz**

**Battery : 3.7V, 100mAh, Li-Polymer**

**Charge : Micro USB 5V, 77mA**