

# User's Manual of Wetness Sensing Kit

**Product Name: Wetness Sensing Kit**

**Product Brand: Sinopulsar Technology Inc.**

**Product Number: WetBeacon-01**



1. Wear the electronic diaper first.
2. The conductive clamps are to be clamped onto the belt of diaper, conductive clamp to contact pad with one on one.
3. Plug the USB connector of the clamp into USB socket of the WetBeacon.
4. Power on the WetBeacon and start the WetObserver.
5. Use "percentage % " to indicate wetness level inside the diaper. (e.g. 0% for dryness and 99% for the wettest situation)
6. The wetness alarm threshold level in the WetObserver can be adjustable.
7. The WetObserver gets the wetness data transmitted from the WetBeacon. The WetObserver has two warning systems. One is LED and another is buzzer. The LED gives a visual signal and the buzzer provides an audible signal that the diaper is wet.

Description for Buzzer and LEDs Event :

## **WetBeacon :**

1. Wet Situation Alarm: **Red LED** flashes once every second.
2. Low battery Alarm: **Red LED** flashes once every five seconds.
3. Normal operation: **Green LED** flashes once every five seconds.

**WetObserver** : Each Event occurs once every five seconds.

1. Wet Situation Alarm: Buzzer sounds three times and **Red LED** flashes once.
2. Out of Range Alarm: Buzzer sounds two times and **Red LED** flashes once.
3. Low Battery Alarm: Buzzer sounds once and **Red LED** flashes once.
4. Connectable State: During the period of 30 seconds after the WetObserver turns on, the **Orange LED** flashes.
5. Normal operation: **Green LED** flashes once.

#### **FCC Warning**

FEDERAL COMMUNICATIONS COMMISSION

#### INTERFERENCE STATEMENT

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.

#### **CAUTION:**

To assure continued FCC compliance:

1. Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

#### Exposure to Radio Frequency Radiation:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## FCC ID: 2AGGGSPWSK2-01

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.