

User's Manual of

Thermal Sensing Module (with Bluetooth)

Product Name: Thermal Sensing Module (with Bluetooth)

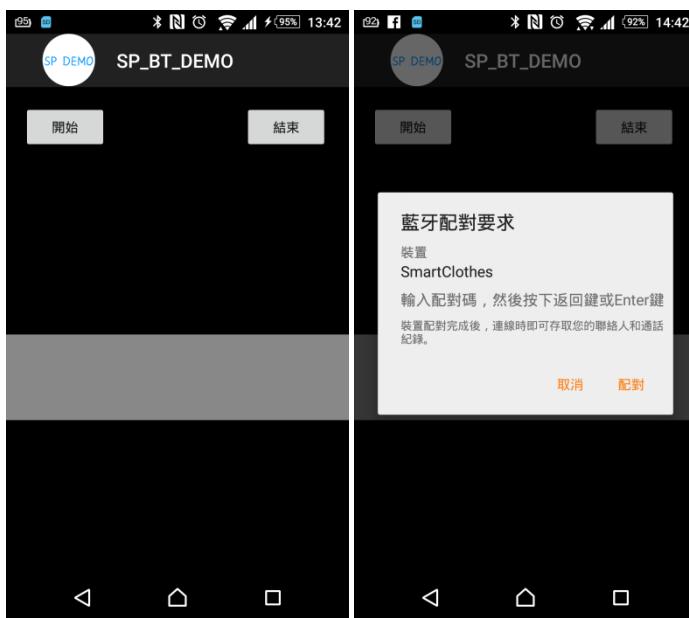
Product Brand: Sinopulsar

Product Number: SPTS01

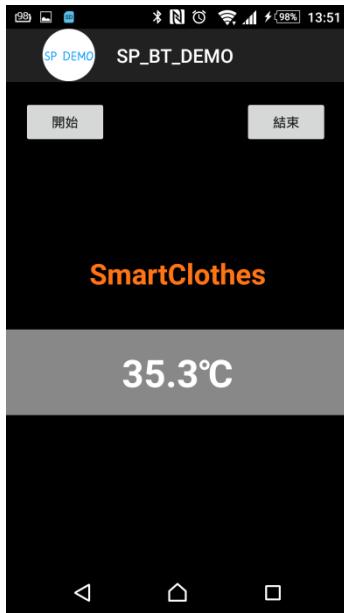
1. The first, the sensing module and the temperature sensor are connected by the buttons; the second, the sensor is taped at the measured point, or fixed and attached at the measured point by a suitable way.
2. Start power switch (at the bottom, put to right for power on and to left for power off); the buzzer of the module will be Bee...Bee alarm before it is linked with the Bluetooth of smart phone.



3. Active the relative APP (Android) and follow manual to link with the sensing module , For examples:
 - 3.1 To active the “SP_BT_DEMO” APP in the smart phone (Android OS); to link with the sensing module by clicking the “Start” icon. If it is the first time operation, that need “Pairing” process between the module and smart phone. it will be automatic linked in the next time.



3.2 The buzzer will be stopped when the Bluetooth is linked; the APP will show the value of temperature and the module's name, and the display will be updated by 6~8 sec.



3.3 To click the “Stop” icon for stopping the APP.

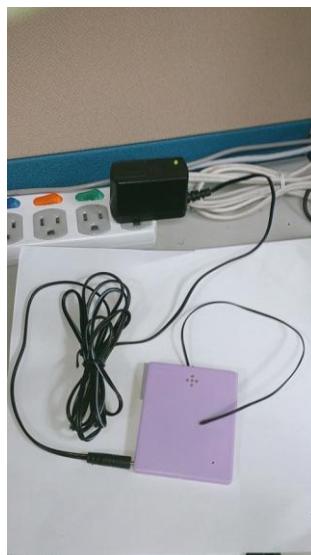
4. Put the power switch to left side for finishing the procedure of the temperature measurement.
5. The App will record the measured data to the TXT file in the smart phone. It is

need copied to other file name, otherwise it will be over written by the next time.

- 5.1 The file is stored as sdcard/Smart Clothes Demo BT Log/Demo_Log.txt in the smart phone.
- 5.2 The format of the file is shown as following: BT Address, Time, Temperature

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00:11:67:EB:39:74, 13:50:50, 31.07
00:11:67:EB:39:74, 13:50:58, 31.07
00:11:67:EB:39:74, 13:51:4, 31.06
00:11:67:EB:39:74, 13:51:12, 35.28
00:11:67:EB:39:74, 13:51:18, 35.28
00:11:67:EB:39:74, 13:51:26, 35.3
00:11:67:EB:39:74, 13:51:32, 35.3
00:11:67:EB:39:74, 13:51:40, 35.43
00:11:67:EB:39:74, 13:51:46, 35.43
00:11:67:EB:39:74, 13:51:54, 35.52
00:11:67:EB:39:74, 13:52:0, 35.52
00:11:67:EB:39:74, 13:52:8, 35.53
00:11:67:EB:39:74, 13:52:14, 35.53
00:11:67:EB:39:74, 13:52:22, 35.53
00:11:67:EB:39:74, 13:52:28, 35.53
00:11:67:EB:39:74, 13:52:36, 35.42
00:11:67:EB:39:74, 13:52:42, 35.42
00:11:67:EB:39:74, 13:52:50, 35.27
00:11:67:EB:39:74, 13:52:56, 35.27
00:11:67:EB:39:74, 13:53:3, 35.18
00:11:67:EB:39:74, 13:53:10, 35.3
00:11:67:EB:39:74, 13:53:17, 35.46
00:11:67:EB:39:74, 13:53:24, 35.56
00:11:67:EB:39:74, 13:53:31, 35.64
00:11:67:EB:39:74, 13:53:38, 35.93
00:11:67:EB:39:74, 13:53:45, 34.43
00:11:67:EB:39:74, 13:53:53, 33.25
00:11:67:EB:39:74, 13:52:59, 33.25
```

6. When you want charging the battery, Please turn off power switch (put to left side), then put the plug into the charging hole for charging. The compatible Charger (It is not included in the product sales) : The Charger plug diameter is 2.5mm, output voltage is 4.2V and output current is 350mA.



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: 2AGGGSPTS01

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.