

# Usage of AMSU Dr.MUV Master

## V6-L

### Matters needing attention

#### 1.1 For using equipment

- a. Please strictly observe the following cautions to avoid possible risk or legal dispute
- b. Please do not place the equipment or its accessories at the place where children can touch. Please do not allow children to use the equipment without supervision
- c. Please use this equipment in the temperature range of 0°C~35°C, and store the equipment and its accessories in the temperature range of -10°C~45°C. If the ambient temperature is too high or too low, the equipment failure may be caused
- d. Please do not place the equipment in high temperature environments like sunburn area or around heating devices like heater, microwave oven, water heater, etc. The overheating of the battery may cause explosion
- e. Please do not place the equipment and accessories in places with strong electric or magnetic fields or strong radiation, which may cause equipment failure
- f. Please do not disassemble the equipment by yourself, lest the equipment be damaged
- g. Please use the power supply and USB line produced by the regular manufacturer, otherwise fire, explosion or other dangers may be caused

- h. Please dispose this equipment in accordance with local environmental protection regulations, and do not treat it as domestic waste. If the battery is not disposed properly, battery explosion or environmental pollution may be caused
- i. This product is an electronic product for routine monitoring purposes, and the resulting data and related reports are not used for medical reference purposes
- j. The company reserves the right to modify the contents of this specification without prior notice

**Please keep it away from:**

High temperature, strong magnetism, strong electricity, high radiation, disassembly, and children

## **Appearance description**

### **2.1 Clothes appearance description**

This product is an electronic equipment used to monitor the heart rate and other

body movement data at resting or exercise state.

Outside: Clothes, Main device, Main device base

Inside: Base back, flexible electrode

## **2.2 Main device appearance description**

Touch switch, heart rate indicator / abnormal lead indicator, Bluetooth status

indicator, low charge indicator, charge indicator

## **2.3 Main device indicator description**

### **2.3.1 Bluetooth status indicator**

a. Blue flicker- indicates that the Bluetooth of the equipment is unconnected

b. Other states- indicator lights on or in red / green / blue circular flashing--

indicate that the Main device Bluetooth is connected

### **2.3.2 Heart rate indicator / abnormal lead indicator**

When the Bluetooth of the equipment is connected, the indicator is in following

status:

a. Red / green / blue circular flashing- indicates that the abnormal lead, that is the

electrode of the Main device is not in full contact with the base or the flexible

electrode is not fully in contact with the skin

- b. Blue light- indicates that your heart rate is low and you are in aerobic state
- c. Green light- indicates that your heart rate is high and you are in anaerobic state
- d. Red light- indicates that your heart rate is too high and your heart is overloaded and it is not recommended that you continue to exercise in this state

### **2.3.3 Low charge indicator**

Red flicker - 3 times every 5 second-- indicates that the battery level is less than 20%. It is recommended to recharge the Main device as soon as possible to avoid the loss of motion data

### **2.3.4 Charge indication**

The charge indicator will have the following two states during the charging process:

- a. Red light-charging
- b. Green light-full of electricity

## **Usage**

### **3.1 Software downloading**

- a. iOS users can go to App Store to search "listen and run" for downloading
- b. Android users can go to the application market to search "listen and run" for downloading.

Scan a QR code for download link

### **3.2 Clothes wearing**

When wearing clothes, please make sure the clothes are in smooth contact with your body and avoid wrinkling at the electrode so as to fully collect electrocardiogram (ECG) signals on the body surface. In order to achieve the best collection effect, it is recommended to wet the silver electrode inside the clothe before use-- please do not use acid, alkaline liquid or other drinks as far as possible, so as not to affect the service life of the electrode.

### **3.3 Main device installation**

As shown in the figure, push the Main device through the guide rail into the chest base. The "click" sound indicates that the installation is complete.

Collar direction

Indicator light

Slide up and down

### **3.4 Startup / shutdown**

Touch the Main device switch area for 5 s until the indicator lights up, indicating that the equipment is started.

Touch the switch area for 5 s until the indicator lights flicker quickly and then go out, indicating that the shutdown is complete.

## **3.5 Equipment connection**

### **3.5.1 Connection mode**

After entering the APP home page, click the icon in the upper right corner to search and connect the equipment.

### **3.5.2 Matters needing attention**

- a. Please make sure that the Bluetooth of your phone is turned on
- b. Please make sure the equipment is fully powered when connecting for the first time. If the equipment is automatically shut down, please try again after charging the equipment
- c. When connecting, please make sure the equipment is as close to the phone as possible

### **3.6 Main device removal**

As shown in the figure, the Main device can be removed from the base by holding the base with your hand and pushing the Main device up with the other hand.

## **3.7 Charging**

### **3.7.1 Charging process**

The charging base can be used as a mobile power supply to provide two or more times temporary charging for the Main device. When using, push the Main device into the guide rail in the direction shown and fasten it, and then press the key on the base or insert the USB power supply to charge the Main device. When the charge is not full, the charge indicator is red.

### **3.7.2 Charging complete**

When the Main device charge is full, the charge indicator will appear green.

### **3.7.3 Description to charging base indicator light**

When the USB power supply is inserted into the charging base, if the Main device is installed to the base, the Main device will be charged first, while if the Main device is not installed to the base, the base battery will be charged firstly. The charge base button is the status indicator light, and the charge status indicators are as follows:

Red flicker: Charging the base battery

Green light: The base battery is full

Charging / charging complete

When pressing the base button or plugging into the USB power supply, the base indicator will indicate the state of the power supply, and then start charging the Main device. The base status indicators are as follows:

Green light: More than 90% electricity

Blue light: 60%~90% electricity

Red light: 30%~60% electricity

Red flicker: less than 30% electricity

### **3.8 Washing**

a. Please remove the Main device from the clothes and keep it in good custody before washing the clothes

b. Please use the washing machine to wash it gently, avoid rough hand washing, strong washing or kneading mode of washing machine, so as not to damage the circuit

c. Please use common detergents to wash it. Chemicals such as strong acid, alkali or bleach can damage the clothes and internal circuits

- d. Please wash the clothes in less than 40°C water. High water temperature may damage the inside electrode of the clothes.
- e. There are hard objects in the clothes. Please wash it separately from other clothes to avoid damaging other clothes.
- f. Do not dry clean

This equipment is an electronic product whose Main device machine supports IP66 class dustproof and waterproof, but it is not a special product for underwater operation. Please do not immerse or use it in swimming, diving, shower and other similar scenarios.

## Specification parameter

### 4.1 Main device

|                           |                  |
|---------------------------|------------------|
| <b>Model</b>              | V6-L             |
| <b>Weight</b>             | 8 g              |
| <b>Size</b>               | 43 * 30 * 9.5 mm |
| <b>Endurance</b>          | 8 h              |
| <b>Bluetooth</b>          | 4.0 / BLE        |
| <b>System environment</b> | iOS 9 and above  |

Android 4.3 and above

#### 4.2 Charging base

|                         |                     |
|-------------------------|---------------------|
| <b>Model</b>            | V6-L                |
| <b>Shell material</b>   | polycarbonate       |
| <b>Weight</b>           | 12g                 |
| <b>Size</b>             | 43 * 30.5 * 24.5 mm |
| <b>Input</b>            | DC 5 V—2 A          |
| <b>Output</b>           | DC 5 V—50 mA        |
| <b>Battery capacity</b> | 270 mAh             |
| <b>Interface</b>        | Micro USB           |

#### FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

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.