

# INSTRUCTION MANUAL

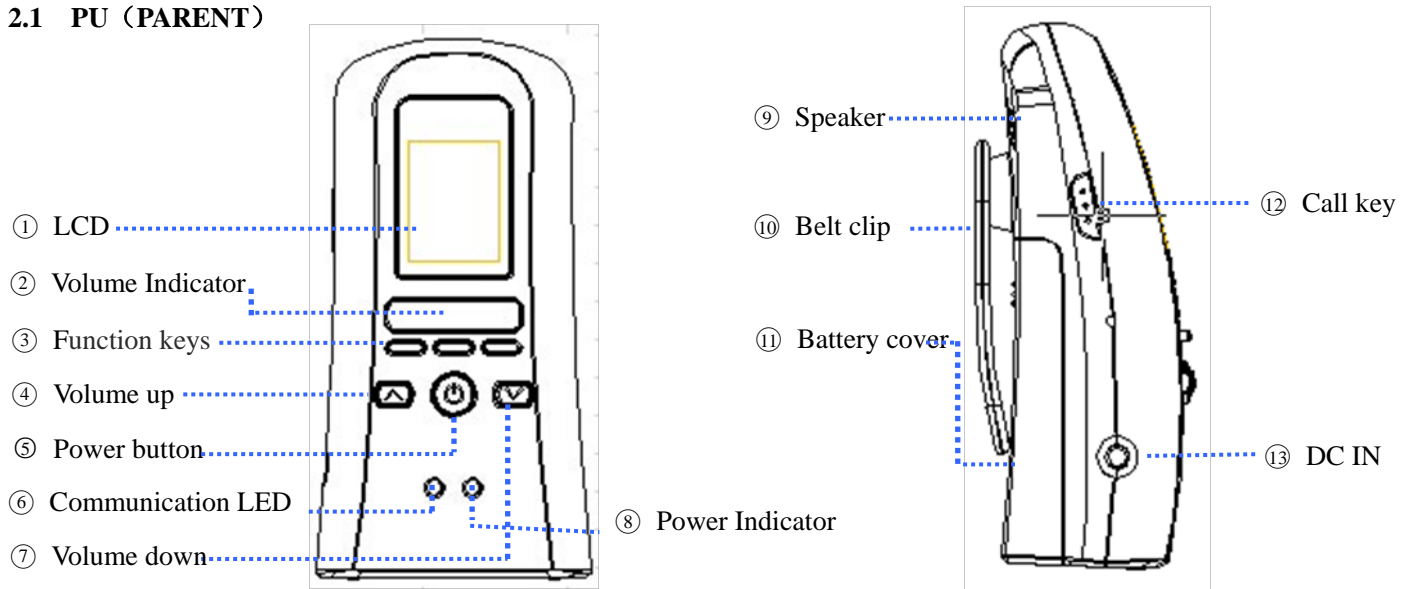
**Model: ABM1116 (#28700-114)**

## 1. Packing List

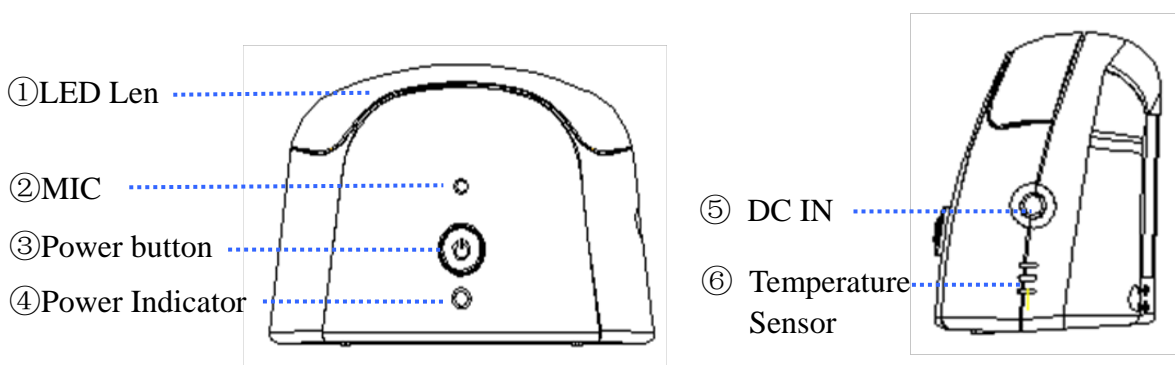
- a) 1 x PU (PARENT) Receiver
- b) 1 x BU (BABY) Transmitter
- c) 2 x AC adaptors (5V/550mA)
- d) 2 x AA Rechargeable battery (1.2V 1100 mAH)
- e) 1 x User Manual

## 2. Overview of product

### 2.1 PU (PARENT)

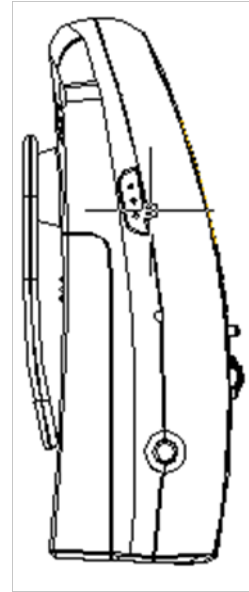
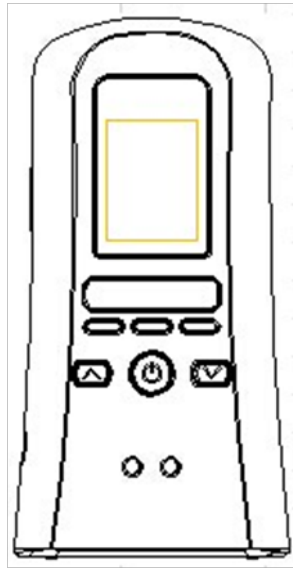


### 2.2 BU (BABY)



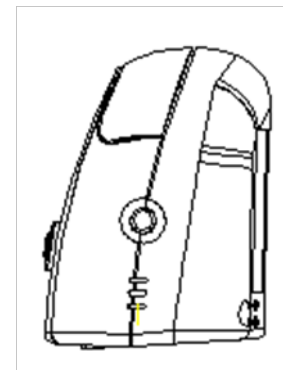
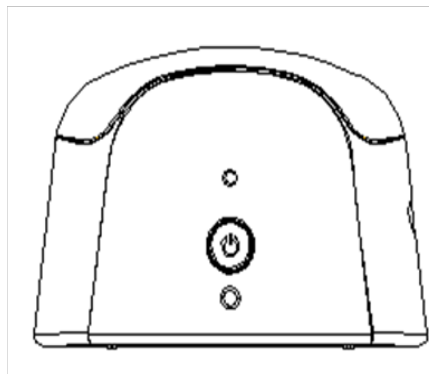
### 3. Start to use

#### 3.1 PU receiver instructions



- a. Disassemble the battery cover. Insert two AA rechargeable batteries (ensure the polarity of the batteries is right). Assemble the battery cover.  
Note: Use rechargeable battery or AC adaptor as power supply.
- b. Press the Power button for 3 seconds to power up, and the Power Indicator is on.
- c. When battery voltage is lower than 2.2V, the low battery voltage alarm (BB sounds) appear once.  
When battery voltage is lower than 2.1V, the low battery voltage alarm (BB sounds) appear continuously then follow by the Power Indicator off.  
Note: The battery should recharge when the low battery voltage alarm appear.
- d. **In the process of charging , the top left corner of the LCD battery symbol is flashing ,it is charging. When the battery Symbol motionless and to full case shows that is has enough power.**
- e. When PU is idle, the Volume Indicator is off and the communication LED is flashing. .
- f. When PU is connected with BU, the communication LED is on.

#### 3.2 BU transmitter instructions



- a. Connect the AC adaptor (5V/550mA)
- b. Press the Power button for 3 seconds, the Power Indicator is on.
- c. Press the Power button to change channel (a total of 12 channels can be changed)

## 4. Communication Function

- a. When PU power on, press the volume up and down keys together. Display will appear “ID”. Then power on the BU, PU can receive signal transmitted from BU in 5 seconds
- b. PU volume indicator will be on when receiving signal. The greater the volume received from BU, the more the volume LED will be on (maximum 5 LEDs will be on).
- c. Default volume setting in PU is level 3 (maximum: 5 levels).
- d. User can adjust the volume by pressing the volume up/down button in PU.
- e. When PU unable to receive signal from BU, the communication LED keeps flashing.  
When PU receive signal from BU, the communication LED keeps on.
- g. When press call key, PU can speak to BU (Talk back).
- h. Communication distance of PU and BU:
  - i. Outdoor range can up to 300m
  - ii. Indoor range depends on the status of RF interference

Note: Switch off PU receiver when it is not in use.

## 5. Function keys in PU

- a. Music: When PU is in connection with BU, press Music key can play lullaby (2 lullabies is default) both in PU and BU. A Music sign will appear in LCD..
- b. Temperature: BU can detect temperature and will transmit information to PU and display. Press Temperature key can switch the temperature display in C (Celsius) or F (Fahrenheit).  
**Note: When the temperature is higher than 32°C, the LCD will display “HH”, When the temperature is less than 15°C, the LCD will display “LL”.**
- c. Backlight: Press the backlight key can switch on the backlight in BU. A Backlight sign will appear in LCD. Press again can switch off the backlight

## 6. Problem diagnosis and troubleshooting

Reasons for PU that cannot receive BU signal:

- a. Whether power supply plug in properly for BU, .
- b. Whether BU is in off mode
- c. Whether there are nearby interference (WIFI or other device). Press the Power button on BU that can switch to another available channel.
- d. Whether there are many interference exists and/or devices are out of range.

Reasons for Function key failure:

- a. Whether PU is battery low
- b. Whether BU is in off mode
- c. Whether PU is not connected with BU
- d. Whether there are many interference exists and/or devices are out of range.

## 7. Product parameters

### 7.1 PU Receiver

- a. Receiver Frequency: 2.4G
- b. Frequency: 12 channels (CH1:2413MH, CH2:2418MHZ, CH3:2423MHZ, CH4:2428MHZ, CH5:2433MHZ, CH6:2438MHZ, CH7:2443MHZ, CH8:2448MHZ, CH9:2453MHZ, CH10:2458MHZ, CH11:2463MHZ, CH12:2468MHZ)
- c. Power supply: AC110~240V, DC IN: 5V 2W, Current consumption: 400mA
- d. Operating Temperature: 0°C~40°C/ 32°F~104°F
- e. Battery life: 12 hours

**PU Receiver** 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.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**NOTE:** 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

**PU Receiver** is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

The SAR for this device is compliant with these SAR exposure requirements.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

For body-worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset touching the user's body.

The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

SAR information on this device is on file with the FCC and can be found under the Display Grant section of (<http://transition.fcc.gov/oet/ea/fccid/>) after searching on FCC ID 2AA9G-1116.

Additional information on Specific Absorption Rates (SAR) can be found on the FCC website at (<http://www.fcc.gov/encyclopedia/radio-frequency-safety>)

## 7.2 BU Transmitter

- a. Receiver Frequency: 2.4G
- b. Frequency: 12 channels (CH1:2413MH, CH2:2418MHZ, CH3:2423MHZ, CH4:2428MHZ, CH5:2433MHZ, CH6:2438MHZ, CH7:2443MHZ, CH8:2448MHZ, CH9:2453MHZ, CH10:2458MHZ, CH11:2463MHZ, CH12:2468MHZ)
- c. Power supply: AC110~240V, DC IN: 5V 2W, Current consumption: 400mA
- d. Operating Temperature: 0°C~40°C/ 32°F~104°F

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- 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.
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The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

To maintain compliance with FCC RF exposure requirements, use baby unit that maintains a 20cm separation distance between the user's body and the host.

END