

# Instruction Manual

## CAPiDi PREMIUM Baby Monitor



AT	BE	CY	CZ	DK
EE	FI	FR	DE	EL
HU	IE	IT	LV	LT
LU	MT	NL	PL	PT
SK	SI	ES	SE	BG
RO	HR	NO	CH	TR

Thank you for purchasing our CAPiDi PREMIUM baby monitor. Your unit has been manufactured and checked under the strictest possible quality control to ensure that each monitor leaves the factory in perfect condition. In the unlikely event you find any defects or have any problem, please contact our dealer or service center at

[info@capidi.com](mailto:info@capidi.com)

Please read this manual carefully to obtain maximum performance and extended service life from the unit.

## **Features**

- Full digital technique operating in the 863-870MHz with zero interference
- Operating range 1000m in open space
- Low radiating power (only 10% of normal DECT or 50% of ECO DECT)
- Talk back function on parent unit to soothe your baby
- Capable of using multiple baby units (maximum 3 units) to monitor more babies
- Soothing night light on baby unit, remote control of brightness from parent unit
- Baby's room temperature indication on parent unit
- Battery status indicator and low battery alert on both baby and parent unit
- Digitally adjustable microphone sensitivity
- Audio and visual alert for out of range
- Vibration alert
- Parent unit and baby unit operate with Li polymer rechargeable battery

## **IMPORTANT INFORMATION**

Operating frequency: 863-870MHz

Output Power: Baby unit 12dBm  
Parent unit 12dBm

## **WARNING**

The CAPiDi Premium baby monitor should not be regarded as a medical device. Premature babies or those considered to be at risk should be under the supervision of your doctor or health personnel.

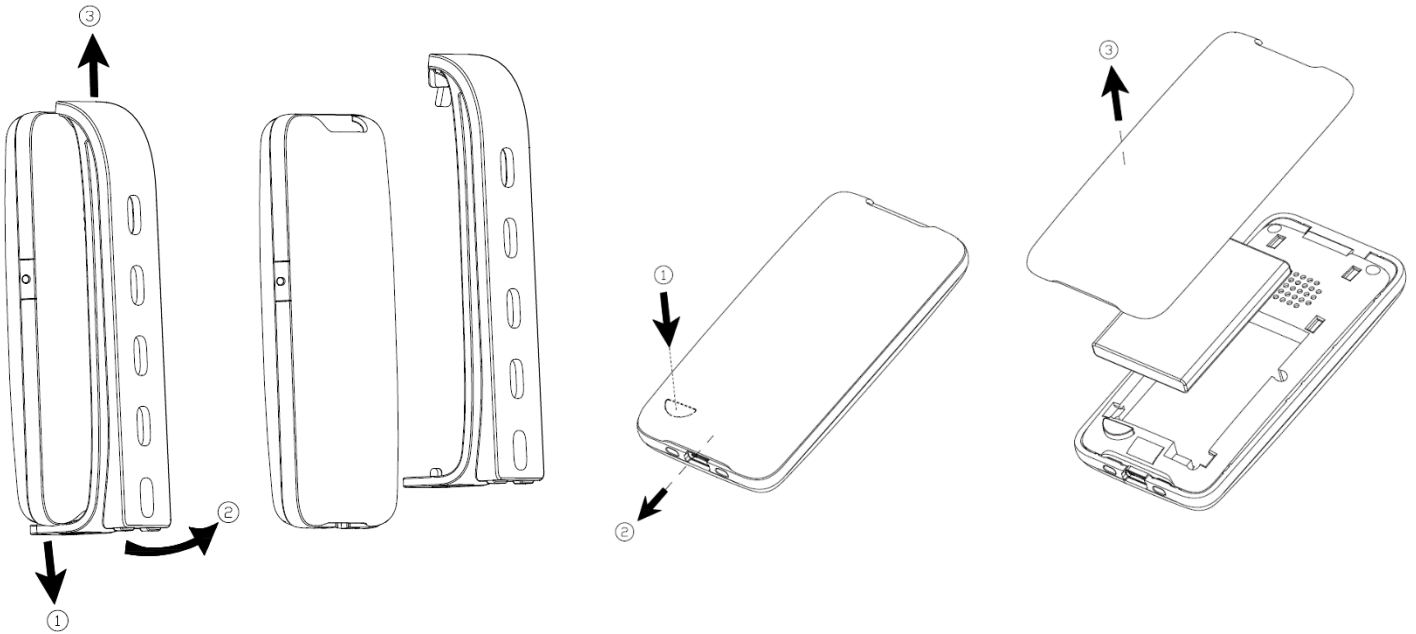
Direct supervision of your baby at a regular interval by a responsible adult is strongly recommended in addition to using the CAPiDi Premium.

## POWER SUPPLY

### Baby Unit (BU) and Parent Unit (PU)

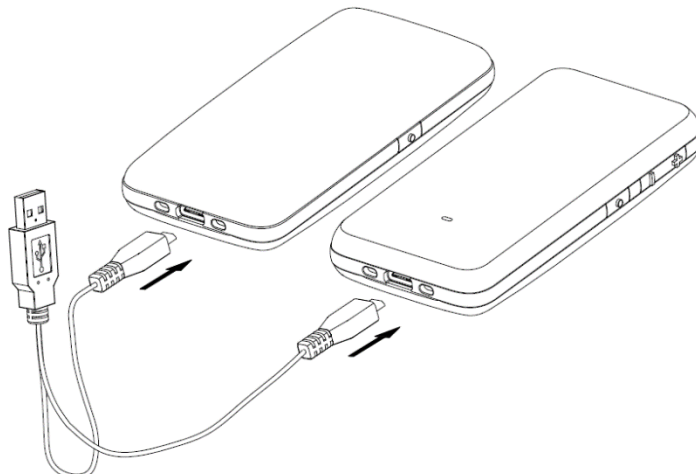
#### 1. Operation from battery pack

The Li polymer battery pack is already installed in the unit. To exchange battery pack, remove the belt clip and slide open the battery door in direction as shown, take out the battery pack and disconnect from socket.









#### 2. Charging of battery





Connect the output plug of supplied USB cable to USB C  $\bigcirc$ , 1  $\bigcirc$ , 10 port of unit. The USB A port of cable should be connected to a power source with 5V DC 1A output. (Please note in case the power source is with output voltage higher than 5V DC, the unit may be damaged).



a. Unit is switched on

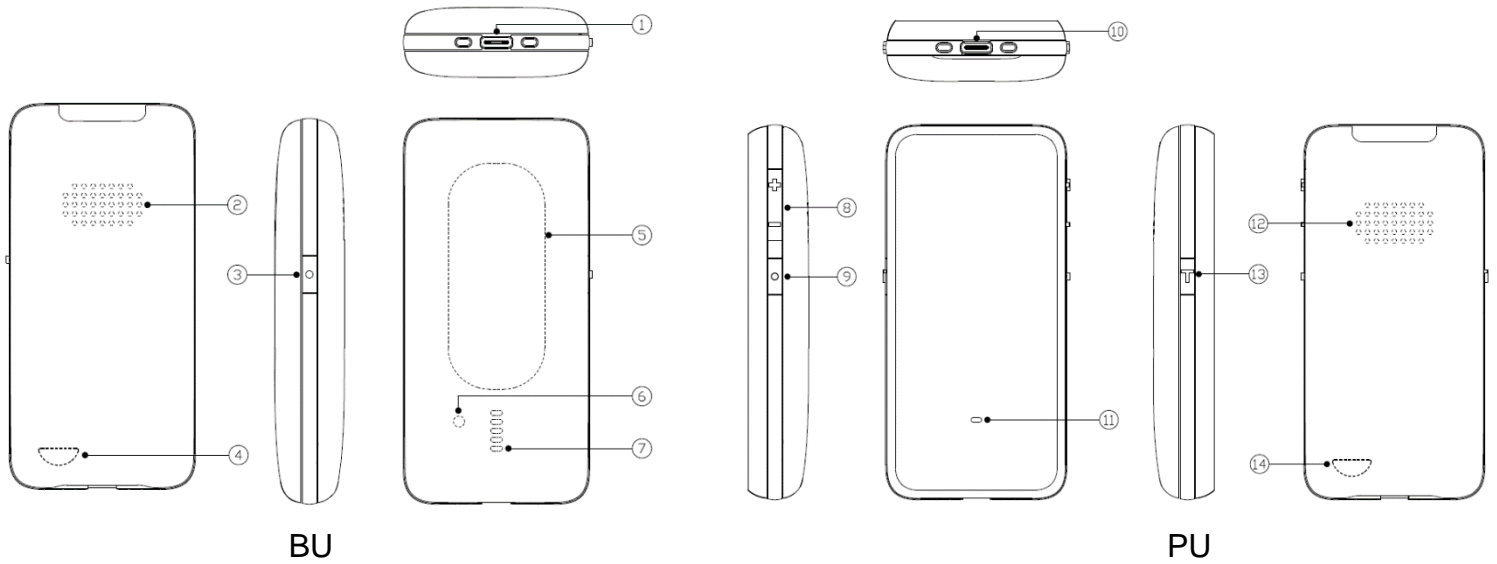
When BU is under charging, the BU no. indicator  on BU and the  baby icon on PU will start pulsating. At the same time, the corresponding BU no. on PU will also light up. When PU is under  charging, the parent icon on PU will start pulsating. Once battery is fully charged up (normally it takes around 5.5 hours), the BU no. indicator  will  turn steady, the baby icon and  BU no. will go off, parent icon will light up steady or go off when USB cable is disconnected.

b. Unit is switched off

When BU is under charging, the BU no. indicator  on BU will start pulsating. When PU is under charging, the parent icon  on PU will start pulsating. Once battery is fully charged up, both the BU no. indicator  and parent icon  will go off.

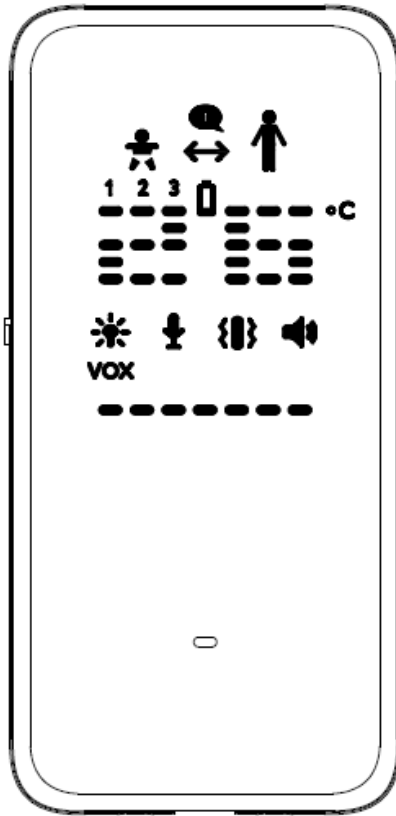
**Note: Before using the unit for the first time, charge up the Li polymer battery for at least four hours. It is recommended to switch off the unit during first charging.**

## CONTROLS LAYOUT



- ,1. USB C port
- ,2. Speaker
- ,3. Power on/off button
- ,4. Battery cover lock button
- ,5. Night light
- ,6. Microphone
- ,7. BU no. indicator
- ,8. Volume and Menu up/down button
- ,9. Power on/off and Menu button
- ,10. USB C port
- ,11. Microphone
- ,12. Speaker
- ,13. Talk back and BU select button
- ,14. Battery cover lock button

# PARENT UNIT (PU) SCREEN ICONS



↑ Parent icon

1, 2, 3 Baby icon and corresponding BU No.

T Talk back icon

↔ Connected/out of range icon

Battery icon

☰ ☱ ☲ ☳ °C Baby's room temperature

☀  
vox Night light icon

🎤 Microphone sensitivity icon

||| Vibration icon

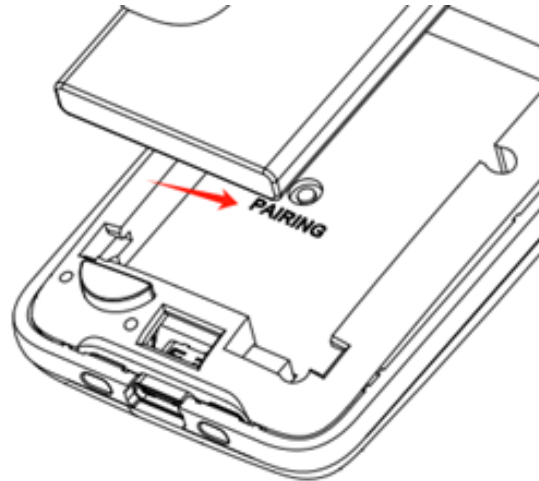
🔊 Volume level icon


----- Sound level meter

## PAIRING


This process is to match the PU with BU so that they can communicate with each other while no other devices (even baby monitor of identical model) can interfere with you or receiving your signal.

The PU and BU are already paired with preset code when they are shipped from factory. However, it is necessary to perform pairing again when extra BU is added to work with the PU.

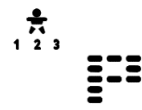
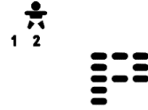


1. With both PU and BU switched on, slide open the battery door cover, hold up the battery to expose the pairing button. Press and hold this button for 2 sec until a beep sound is heard, indicating that both units have entered pairing mode. All 5 LEDs of BU no. indicator ○,7 will flashes simultaneously while a  letter will be shown flashing on PU.



2. Now short press the power on/off button ○,3 on BU, two beep sound will be heard, indicating pairing is successful, the letter  will show steady. Switched off both unit and then on again to resume normal operation.
3. In case PU need to be paired with more than one BU, repeat above step 1 with all BUs, then short press the power on/off button ○,3 of each BU in turn (do not press power on/off button of more than one BU at the same time). The BU whose

power on/off button is first pressed will be BU no. 1, second pressed will be BU no. 2 and third pressed will be BU no. 3. The BU no. indicator ○,7 will show their corresponding number.



BU No. 1



BU No. 2



BU No.3






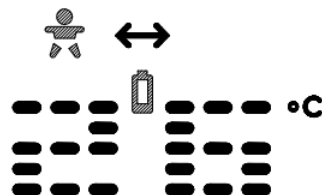
## OPERATION

### Baby unit (BU)

1. Press the power on/off button ○,3 for over 2 sec to switch on BU, the BU no. indicator ○,7 will show the battery level for 5 sec, then it will change showing its BU no. Short press the power on/off button ○,3 anytime can show its current battery level.
2. Place the BU about 1m from the baby's crib with the microphone ○,6 facing towards the baby.
3. Adjust the microphone sensitivity within the menu of PU such that the unit will be set to transmit whenever the microphone ○,6 picks up a sound at your desirable loudness level.
4. This baby monitor is equipped with talk back function so that the parent can speak back to comfort baby. Parent's voice will be heard in speaker 2.
5. The temperature sensor inside unit detects the ambient temperature and its current reading is shown on the screen of PU. The normal operating range of sensor is -19°C to + 50°C. Temperature outside this range will be shown as - - on the PU screen.

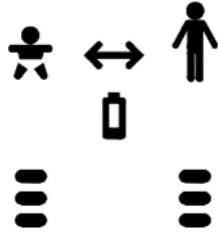
**In case there is a sudden big temperature change (e.g. you bring out the unit from indoor to outdoor during winter time), the sensor may need to take a few minutes before it can settle to the new environment and show the correct reading on PU screen.**

6. The brightness of night light ○,5 can be adjusted within the menu of PU. In case  is selected, the night light ○,5 will only light up when BU detects a sound.
7. Once BU battery level runs down, the BU no. indicator ○,7 will start flashing, the baby icon  and battery icon  on PU screen will also show flashing alongside with an alarm sound to alert parents.



## Parent unit (PU)

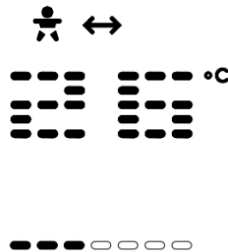
1. Press the on/off button ○,9 for over 2 sec to switch on the unit, the screen will show the battery level (total 5 levels) of both PU and all BU for 5 sec (in case BU is switched on). In case the units are under charging, the battery levels will light up in turn.



2. There are three operating modes for PU, Normal, Standby and Menu mode.





### Normal mode

- a. After showing the battery level, the screen will show the baby's room temperature and in case baby is making sound, voice will be heard in speaker ○,12 and the sound level meter will flash along with the sound loudness.








- b. Short press volume up/down button ○,8 to adjust the speaker loudness. There are total 5 levels, no level indicated means the speaker is muted.

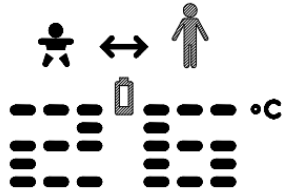


- c. Once the BU stops detecting any sound, PU will enter Standby mode after 5 sec.
- d. At anytime, parents can talk to baby by press and hold the talk back button ,13. Speak towards the microphone ,11 when the talk  back icon show up on screen. Release button ,13 after finish speaking to return listening to baby.
- e. If the unit is paired to work with more than one BU, the BU no.1 always has top priority. This means while the unit is listening to sound from other BU, in case BU no. 1 starts detecting sound, the unit will immediately switch listening to BU no. 1 until it stops detecting sound, then the unit will switch back to listen to other BU. The priority of the BU as follow :

BU no. 1 > BU no. 2 > BU no. 3



- f. To avoid parent missing attendance to other BU, while the unit is listening to sound from BU with higher priority, in case another BU with lower priority starts detecting sound, its BU no. will show flashing on screen to alert the parent. If parent prefers to listen to this BU, he can short press talk back button ,13 and the unit switches listening to this BU. This BU no. will show up steady on screen while the original BU no. will go flashing (in case the original BU still detecting sound). Further press of talk back button ,13 will switch back to original BU again. Under such arrangement, the parent is able to monitor both babies.
- g. This PU is equipped with a vibrating alert. When the vibration feature is set to ON, the unit will vibrate for 1 sec every other 2 sec whenever baby's voice is detected. This feature is useful when the parent is working under very noisy environment (e.g. vacuum cleaning). To save battery power, it is recommended not to use the vibrating alert frequently.
- h. Once the PU is beyond the communication range of BU for over 30 sec, an out of range alarm will be heard alongside with the out of range icon  show flashing. This alarm will go off when PU falls back within the communication range of BU. In case there are more than one BU, the screen will also show the BU no. which is out of range from PU. To stop the alarm, press any one of the buttons but the out of range icon will continue flashing to remind parent.

- i. Once PU battery level runs down, the parent icon  and battery icon  on PU screen will show flashing alongside with an alarm sound to alert parents.







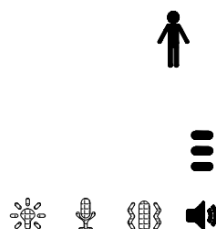
- j. The various alarm is designed to have following priority :  
 Baby's cry > Out of range alarm > Battery low alarm  
 Only one kind of alarm will be heard at any time to avoid confusion.

### Standby mode

- When BU does not detect any sound, after 5 sec, PU will enter standby mode. The screen shuts down just showing the connected/out of range icon  which also become dim to save battery power.
- Short press talk back button ,13 can show the status of each BU.
- In case there are alarms (low battery or out of range) from BU, the screen will show the status of each BU sequentially for every 30 sec.
- When there is a temperature change of  $\pm 3^{\circ}\text{C}$ , the temperature reading will show flashing on the screen for 10 sec to alert parents.

### Menu mode

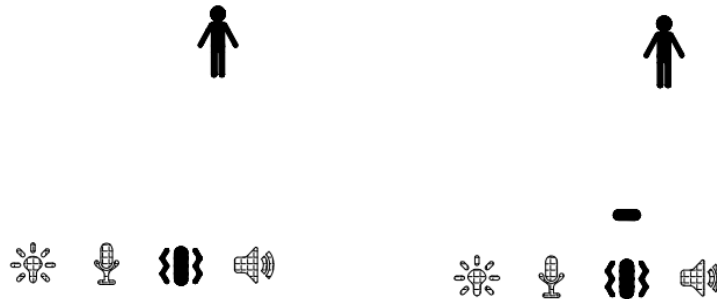
- Under normal mode or standby mode, short press the power on/off button  1 time or 2 times respectively to enter menu mode. There are 4 functions that can be selected. It is possible to exit from menu mode at anytime by short press the talk back button .
- Volume setting  
 Short press the volume up/down button  to set the speaker loudness. There are 5 selectable levels, no level indicated means the speaker is totally muted. Press power on/off button  to confirm your setting and move to next function.



c. Vibration setting

Short press the volume up/down button ○,8 to set the vibrator ON or OFF.

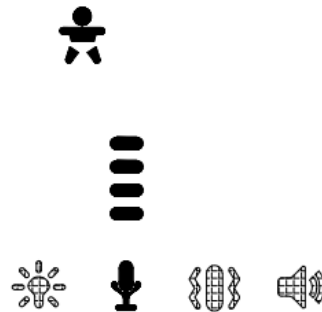
A level indicated means the vibrator is ON. Press power on/off button ○,9 to confirm your setting and move to next function.



d. BU microphone sensitivity

Short press the volume up/down button ○,8 to set the mic sensitivity.

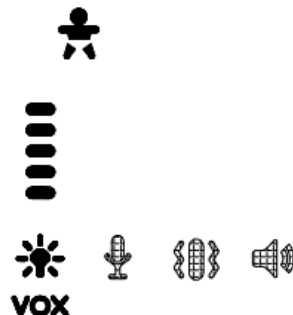
There are 5 selectable levels, more levels indicated means the microphone is more sensitive to sound. Press power on/off button ○,9 to confirm your setting and move to next function.



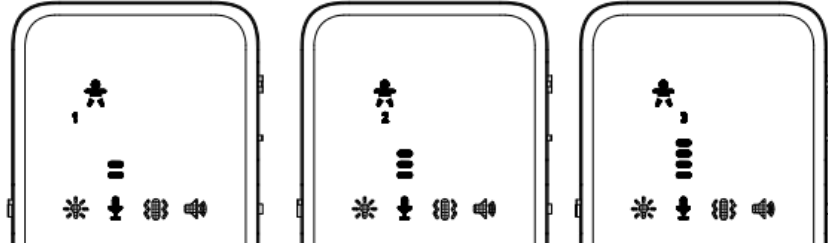
e. BU night light brightness

Short press the volume up/down button ○,8 to set the night light brightness.

There are 5 selectable levels, more levels indicated means the night light is more bright. When <sup>\*</sup>VOX is selected, it means the night light ○,5 will only light up when BU detects a sound. Press power on/off button ○,9 to confirm your setting.



- f. In case the PU is paired with more than one BU, the setting of microphone sensitivity and night light brightness will be done sequentially from BU no. 1 to BU no. 2 to BU no. 3.



## **PRECAUTIONS**

- Use only the supplied USB cable and power source with output voltage of not exceeding 5V DC, use of other may cause damage to unit.
- When not using the unit for a long period of time, remove all batteries from the PU and the BU to avoid damage due to battery leakage.
- The unit is best performed within a temperature range of -19°C to +50°C.
- Do not open the cabinet, no serviceable parts inside.
- The unit should not be exposed to dripping, splashing and that no objects filled with liquids, such as vases shall be placed on it.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent.
- Batteries should not be exposed to excessive heat such as sunshine, fire or the like.

## **STANDARD ACCESSORIES**

- a. Baby unit with belt clip and silicone strap
- b. Parent unit with belt clip and silicone strap
- c. 1450mAh 3.7V Li polymer rechargeable battery pack (installed in PU and BU)
- d. Belt clip with silicone strap (compatible with both baby unit and parent unit)
- e. Back cover (compatible with both baby unit and parent unit)
- f. USB cable, USB-A to twin USB-C

## TROUBLE SHOOTING GUIDE

<u>Problem</u>	<u>Possible Causes</u>	<u>Solution</u>
BU has no transmission	<ul style="list-style-type: none"><li>- PU is switched off</li><li>- Mic sensitivity is too low</li><li>- Battery has run down</li></ul>	<ul style="list-style-type: none"><li>- Switch on PU</li><li>- Adjust mic sensitivity higher within the menu</li><li>- Recharge battery using USB cable</li></ul>
Always transmitting	<ul style="list-style-type: none"><li>- Mic sensitivity is too high</li></ul>	<ul style="list-style-type: none"><li>- Adjust mic sensitivity lower within menu such that BU become voice activated</li></ul>
Out-of-range alarm always on	<ul style="list-style-type: none"><li>- Pairing is not successful</li><li>- BU battery has run down</li><li>- Distance between BU and PU exceeds the operation range</li></ul>	<ul style="list-style-type: none"><li>- Perform pairing again</li><li>- Recharge battery using USB Cable</li><li>- Move the BU and PU closer together</li></ul>
Always showing low battery alert	<ul style="list-style-type: none"><li>- Battery has run down</li><li>- Battery pack is damaged</li></ul>	<ul style="list-style-type: none"><li>- Recharge battery using USB cable</li><li>- Replace with new battery pack</li></ul>
Battery life is short	<ul style="list-style-type: none"><li>- Night light is permanently switched on</li><li>- Vibration alert is switched on</li></ul>	<ul style="list-style-type: none"><li>- Switch off night light or set to VOX operate</li><li>- Switch off vibration alert</li></ul>
Many static noise and interference	<ul style="list-style-type: none"><li>- Transmitter is located near other electrical appliances</li></ul>	<ul style="list-style-type: none"><li>- Remove the electrical appliances or re-locate the BU far away from source of interference</li></ul>
Too short communication range	<ul style="list-style-type: none"><li>- Many steel structures between BU and PU</li><li>- BU battery has run down</li></ul>	<ul style="list-style-type: none"><li>- Re-locate BU pr PU</li><li>- Recharge battery using USB cable</li></ul>
PU & BU cannot communicate with each other	<ul style="list-style-type: none"><li>- Pairing is lost</li></ul>	<ul style="list-style-type: none"><li>- Perform pairing process again With all the BUs and PU together</li></ul>