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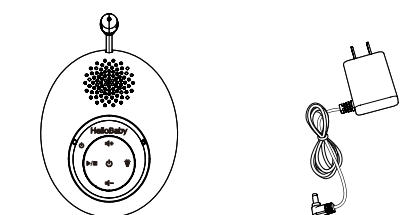
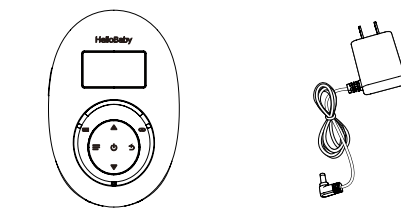
## HelloBaby®

HB180  
Digital Audio Baby Monitor

### Users manual



#### Whats in the box



Thank you for purchasing the HelloBaby audio baby monitor. HelloBaby is the best device ever for monitoring your baby at all time. You can hear your baby in another room.

If you have any questions or concerns, please feel free to email us at service@hellobaby.net.cn.

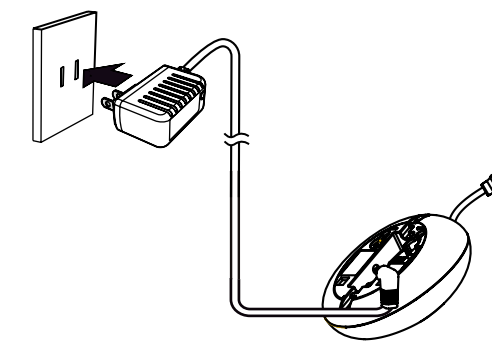
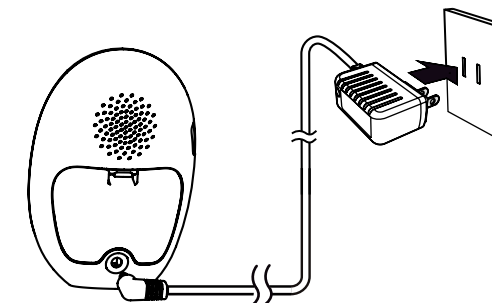
Please retain your original purchase receipt for record purpose. For warranty service of your HelloBaby product, you will need to provide a copy of your original purchase receipt to confirm warranty status. Registration is not required for warranty coverage. Please read the safety instructions carefully.

#### Connect

##### NOTES

- Use only the power adapters supplied with this product.
- Make sure the electrical outlets are not controlled by wall switches.
- The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if they are plugged into a ceiling, under-the-table or cabinet outlet.
- Make sure the parent unit, the baby unit and the power adapter cords are out of reach of children.

#### Connect the baby monitor



#### Before use

##### NOTE

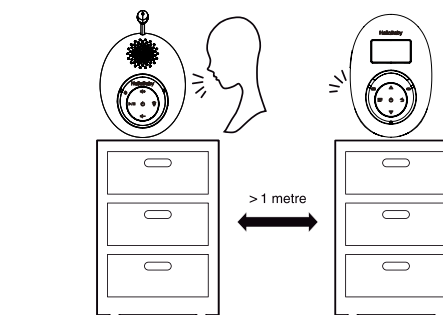
- This baby monitor is intended as an aid. It is not a substitute for proper adult supervision, and should not be used as such.

#### Test your baby monitor

You may test the baby monitor before initial use, and at regular times thereafter.

##### CAUTION

- For hearing protection, make sure the parent unit is more than 1 metre away from both baby unit. If you hear any high-pitched noise, move the parent unit further until the noise stops. You can also press **▼** on the parent unit to lower or mute the noise.



- Make sure your baby unit and parent unit are on.
- The parent unit displays images from the baby unit.

Speak towards the microphone of the baby unit. You will hear the sound at the parent unit.

##### NOTE

- When the parent unit beeps, move the parent unit closer to the baby units (observe the minimum distance of 1 metre). You can also check if the baby unit is connected to a live power socket and switched on.

##### TIP

- Increase the speaker volume of the parent unit if you cannot hear the sounds transmitted from the baby units.

#### Positioning the baby monitor

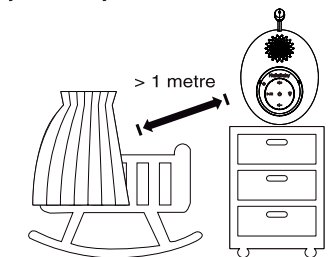
##### CAUTION

- Keep the baby unit out of the reach of your baby. Never place or mount the baby unit inside the baby's cot or playpen.

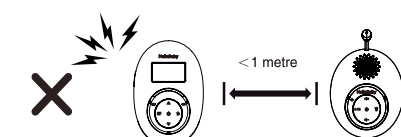
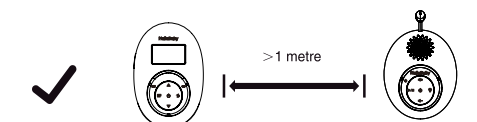
##### NOTE

- To avoid interference from other electronic devices, place your baby monitor far away from devices such as wireless routers, microwaves, cell phones and computers.

- Place the baby unit more than 1 metre away from your baby.



- Place the parent unit more than 1 metre away from the baby unit.



##### CAUTION

- If you experience high-pitched screeching noise from your baby monitor while positioning:
  - Make sure your baby unit and parent unit are more than 1 metre apart, OR
  - Turn down the volume of your parent unit.

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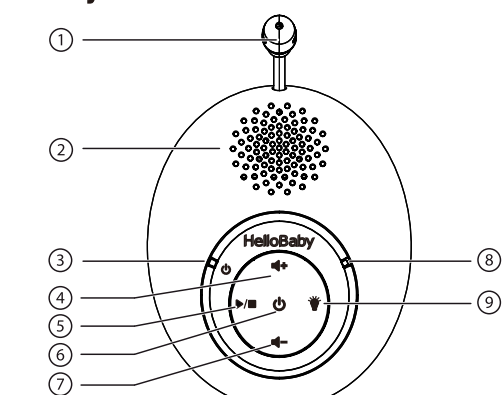
service@hellobaby.net.cn

#### Operating range

The operating range of the baby monitor is up to 300 metres outdoors or 50 metres indoors. The actual operating range may vary depending on the environmental conditions and other interferences such as walls, doors and other obstructions.

#### Overview

##### Baby unit overview



##### 1 - Temperature sensor

The baby unit measures the temperature in baby's room and transmits this information to the parent unit. If the detected temperature falls outside the temperature range, the parent unit screen will display **LOW TEMP** (if <59°F) or **HI TEMP** (if >86°F).

##### 2 - Speaker

##### 3 - Power indicator

On when the baby unit is switched on.  
Off when the baby unit is switched off.

##### 4 - Volume

Press to increase the speaker volume.

##### 5 - Play / Stop lullabies

Press and hold to turn the baby unit on or off.

##### 7 - Volume

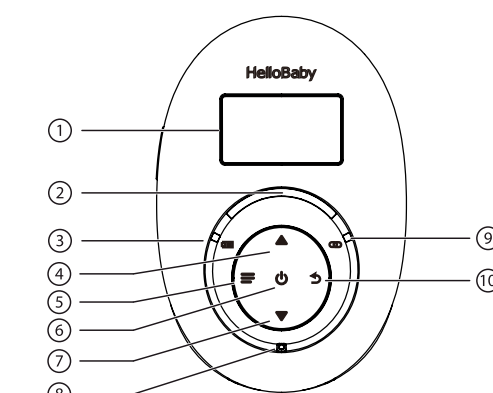
Press to decrease the speaker volume.

##### 8 - Microphone

##### 9 - Night Light

Press to turn night light on / off.

#### Parent unit overview



##### 1 - LCD display

More lights on when a higher sensitivity is set, or when a higher sound level is detected from the baby unit.

##### 3 - Battery low indicator

Press to increase the speaker volume.

##### 5 - (Menu/Select)

##### 6 - (On / off)

Press and hold to turn on or off.

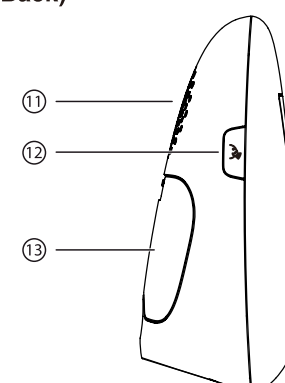
##### 7 - Volume

Press to decrease the speaker volume.

##### 8 - Microphone

##### 9 - Power Indicator

##### 10 - (Back)



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##### 11 - Speakerphone

##### 12 - TALK

Press and hold to talk to the baby unit.

##### 13 - Battery Compartment Cover

#### Parent unit status icons

|  |  |
|--|--|
|  | <b>Connection status</b><br>Full signal strength icon displays when strong signal strength is detected between the baby unit and the parent unit.<br>Moderate signal strength icon displays when moderate signal strength is detected between the baby unit and the parent unit.<br>Weak signal strength icon displays when weak signal strength is detected between the baby unit and the parent unit.<br>Link lost icon flashes when the link between the baby unit and the parent unit is lost. |
|  | <b>Night light</b><br>Displays when night light is turned on.<br>Displays when night light is turned off.  |
|  | <b>Sound alert</b><br>Displays when the sound alert is set to on.<br>Flashes when the sound alert is triggered.  |
|  | <b>Speaker volume off</b><br>Displays when the speaker is turned off.  |
|  | <b>Battery status</b><br>Full battery icon displays solid when the battery is full.<br>Low battery icon displays when the battery is low.<br>No battery icon will be showed in LCD When adaptor was connected.   |

#### Using the baby monitor

##### Power on or off the baby unit

Press and hold **⏻** to turn on the baby unit. The power indicator light turns on.

Press and hold **⏻** to turn off the baby unit. The power indicator light turns off.

##### Power on or off the parent unit

Press and hold **⏻** to turn on the parent unit. The power indicator light turns on.

Press and hold **⏻** to turn off the parent unit. The power indicator light turns off.

##### Adjust baby unit speaker volume

- Press **▲** or **▼** on the parent unit to adjust the speaker volume.

##### Adjust parent unit speaker volume

- Press **▲** or **▼** on the parent unit to adjust the speaker volume.

##### NOTE

- When the parent unit speaker volume is set to off, appears on the screen.

#### Play lullaby

There are 5 lullabies to choose from. The selected lullaby plays repeatedly.

##### On the parent unit:

##### To change the lullaby to be played:

- Press **≡** when the parent unit is not in use.
  - Press **▲** or **▼** to scroll to **LULLABY**, then press **MENU**.
  - Press **▲** or **▼** to scroll to your desired lullaby to play or **PLAY ALL**. The screen displays **PLAY**.
  - Press **≡** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.
- OR-
- Press **≡** to exit the menu. The current setting remains unchanged.

##### On the baby unit:

##### To play lullabies:

Press **≡** to play lullabies.

##### To stop playing lullabies:

Press **▶/■** again to stop playing lullabies.

##### NOTE

Lullaby playback is paused when the parent unit is talking to the baby unit. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

#### Set the sound alert

When the parent unit speaker volume is set to off, you can set the parent unit to beep whenever the baby unit detects sounds above the preset threshold volume.

##### To set the sound alert:

- Press **≡** when the parent unit is not in use.
  - Press **▲** or **▼** to scroll to **SOUND ALERT**, then press **≡**.
  - If the current sound alert setting is **OFF**, the screen displays **ON?** If the current sound alert setting is **ON**, the screen displays **OFF?**
  - Press **≡** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.
- OR-
- Press **≡** to exit the menu. The current setting remains unchanged.

#### Set the Nightlight

When this feature is turned on, the nightlight on the baby unit gives a soft glow for comfort and allows easy location in the dark.

##### To set the Nightlight from the parent unit:

- Press **≡** when the parent unit is not in use.
  - Press **▲** or **▼** to scroll to **NIGHTLIGHT**, then press **≡**.
  - If the current nightlight setting is **OFF**, the screen displays **ON?** If the current nightlight setting is **ON**, the screen displays **OFF?**
  - Press **≡** to confirm your selection. The screen displays **SAVED**. You hear a confirmation tone.
- OR-
- Press **≡** to exit the menu. The current setting remains unchanged.

You can also turn the nightlight on or off from the baby unit.

##### To turn the nightlight on or off at the baby unit:

- Press **≡** to turn nightlight on.
- Press again to turn nightlight off.

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## Reset the baby monitor

You can restore all the adjustable settings back to their original factory settings.

**To reset the baby monitor:**

1. Press **MENU** when the parent unit is not in use.
  2. Press **▲** or **▼** to scroll to **RESET**, then press **MENU**.
  3. The screen displays **CONFIRM?** Press **MENU** to confirm. The screen displays **SAVED**. You hear a confirmation tone.
- OR-**  
Press **MENU** to exit the menu. The current setting remains unchanged.

## Talk to the baby unit

You can broadcast messages from the parent unit to the baby unit.

**To talk to the baby unit:**

Press and hold **TALK** on the side of the parent unit. Speak towards the microphone on the parent unit. Your voice is broadcast to the baby unit.

### NOTES

If the speaker volume of the parent unit is set to **OFF**, it will be reset to **TALK** default volume after you press and hold **TALK**.

Lullaby playback is paused when the parent unit is talking to the baby unit. Lullaby playback resumes when the parent unit finishes using the **TALK** feature.

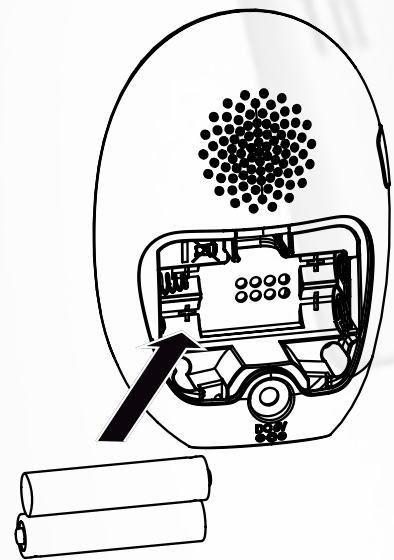
## Install batteries for backup use (optional)

This is an AC powered baby monitor. If you want to move around the house with the parent unit for a few minutes, you can install two AAA alkaline batteries for backup use. Re-connect the baby monitor to a non-switched electric outlet once you are settled down.

### NOTES

- Use 2 x AAA batteries (not included). Alkaline batteries are recommended. If you use other kind of batteries, the performance of the baby monitor varies.
- NO BATTERY RECHARGING from the parent unit.
- Do not mix old and new batteries. Do not mix alkaline, standard (Carbon-Zinc) or rechargeable (Ni-Cad, Ni-Mh, etc) batteries.
- While you insert the batteries, make sure the polarities are correct.
- When the batteries are installed, the parent unit turns on.
- Replace the batteries when the **LOW BATTERY** light flashes on the parent unit, or you hear two beeps every 10 minutes.

Install the batteries as shown below.



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1. Slide open the battery compartment cover.
2. Install the supplied rechargeable batteries into the battery compartment, matching the polarity markings (+ and -).
3. Slide the battery compartment cover back until it securely clicks into place.

## Replace the battery

To replace the batteries, slide open the battery compartment cover, and then take out the batteries. Follow the previous steps to install the new batteries.

## General product care

To keep this product working well and looking good, follow these guidelines:

- Avoid putting it near heating appliances and devices that generate electrical noise (for example, motors or fluorescent lamps).
- DO NOT expose it to direct sunlight or moisture.
- Avoid dropping the product or treating it roughly.
- Clean with a soft cloth.
- DO NOT immerse the parent unit and the baby unit in water and do not clean them under the tap.
- DO NOT use cleaning spray or liquid cleaners.
- Make sure the baby unit and parent unit are dry before you connect them to the mains again.

## Storage

When you are not going to use the baby monitor for some time, store the parent unit, the baby unit and the adapters in a cool and dry place.

## Frequently asked questions

Below are the questions most frequently asked about the soother.

|   |  |
|---|--|
| Why does the baby monitor not respond normally?   | Try the following (in the order listed) for common cure:<br>1. Disconnect the power to the baby unit and the parent unit.<br>2. Wait a few seconds before connecting power back to the baby unit and the parent unit.<br>3. Turn on the baby unit and the parent unit.<br>4. Wait for the parent unit to synchronize with the baby unit. Allow up to one minute for this to take place.  |
| Why don't the power-on light of the baby unit and parent unit go on when I switch on the units? | Perhaps the parent unit is not connected to the power. Insert the appliance plug into the parent unit and put the adapter in a wall socket. Then, press and hold <b>⏻</b> to switch on the parent unit and to establish connection with the baby unit.<br><br>Perhaps the baby unit is not connected to the power. Insert the appliance plug into the baby unit and put the adapter in a wall socket. Then, press and hold <b>⏻</b> to switch on the baby unit and to establish connection with the parent unit. |
| Why doesn't my parent unit charge while connected to AC power?                                  | Make sure the power is not controlled by a wall switch.  |
| Why is my screen in black and white?  | The screen is in black and white during night-time or in a dark room when the night vision feature is activated. This is normal.   |
| Why do I get glare or blurry display on my screen when viewing my baby at night?                | During night-time or in a dark room, the surroundings and other interfering factors, like lightings, objects, colours and backgrounds may affect the image quality on your parent unit screen. Adjust the baby unit's angle or place the baby unit at a higher level to prevent glare and blurry display.  |

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|   |  |
|---|--|
| Why does the baby monitor produce a high-pitched noise?   | The parent unit and baby unit may be too close to each other.<br>Move the parent unit away from the baby unit until the noise stops; OR<br>• Turn down the volume of your parent unit.   |
| Why does the parent unit beep?  | The baby unit may be out of range. Move the parent unit closer to the baby unit (but not less than 1 metre).<br><br>The parent unit may not have enough charge for the parent unit to perform normally. Charge the battery in the parent unit for up to 12 hours.<br><br>The temperature of your baby's room may be too high or too low. |
| Why don't I hear a sound/Why can't I hear my baby cry?  | The parent unit speaker volume may be too low or off. Press <b>▲</b> to increase the volume, or use the parent unit menu to change sound sensitivity level to the highest level (level 5).   |
| Why can't I establish a connection? Why is the connection lost every now and then? Why are there sound interruptions? | The baby unit may be out of range. Move the parent unit closer to the baby unit (but not less than 1 metre).<br><br>Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible.   |

## Important safety instructions

When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury, including the following:

1. Follow all warnings and instructions marked on the product.
2. Adult setup is required.
3. This product is intended as an aid. It is not a substitute for responsible and proper adult supervision and should not be used as such.
4. This product is not intended for use as a medical monitor.
5. Do not use this product near water. For example, do not use it next to a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement or shower.
6. **CAUTION:** Use only alkaline batteries (not included). There may be a risk of explosion if a wrong type of battery is used for the parent unit. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
7. Use only the adapters included with this product. Incorrect adapter polarity or voltage can seriously damage the product.  
Baby unit power adapter:  
Input: 100-120V AC 60Hz Output: 6V DC 450mA  
Parent unit power adapter:  
Input: 100-120V AC 60Hz Output: 6V DC 450mA
8. The power adapters are intended to be correctly oriented in a vertical or floor mount position. The prongs are not designed to hold the plug in place if it is plugged into a ceiling, under-the-table or cabinet outlet.
9. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
10. Unplug the power cords before replacing batteries.
11. Do not cut off the power adapters to replace them with other plugs, as this causes a hazardous situation.
12. Do not allow anything to rest on the power cords. Do not install this product where the cords may be walked on or crimped.
13. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply in your home, consult your dealer or local power company.
14. Do not overload wall outlets or use an extension cord.
15. Do not place this product on an unstable table, shelf, stand or other unstable surfaces.
16. This product should not be placed in any area where proper ventilation is not provided. Slots and openings in the back or bottom of this product are provided for ventilation. To protect them from overheating, these openings must not be blocked by placing the product on a soft surface such as a bed, sofa or rug. This product

should never be placed near or over a radiator or heat register.

17. Never push objects of any kind into this product through the slots because they may touch dangerous voltage points or create a short circuit. Never spill liquid of any kind on the product.
18. To prevent fire or shock hazard, do not expose this product to water or any type of moisture.
19. To reduce the risk of electric shock, do not disassemble this product, but take it to an authorized service facility. Opening or removing parts of the product other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the product is subsequently used.
20. You should test the sound reception every time you turn on the units or move one of the components.
21. Periodically examine all components for damage.
22. Be aware of possible loss of privacy while using public airwaves. Conversations may be picked up by other nursery monitors, cordless phones, scanners, etc.
23. Children should be supervised to ensure that they do not play with the product.
24. The product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## SAVE THESE INSTRUCTIONS

### Cautions

1. Use and store the product at a temperature between 32°F and 104°F.
2. Do not expose the product to extreme cold, heat or direct sunlight. Do not put the product close to a heating source.
3. Batteries should not be exposed to excessive heat such as bright sunshine or fire.
4. Make sure the baby unit and the adapter cord are always out of reach of the baby, at least 3 feet (1 meter) away from the baby or crib, to avoid a possible strangulation hazard.
5. Never place the baby unit(s) inside the baby's crib or playpen. Never cover the baby unit(s) or parent unit with anything such as a towel or a blanket.
6. Never cover the baby unit or parent unit(s) with anything such as a towel or a blanket.
7. Other electronic products may cause interference with your baby monitor. Try installing your baby monitor as far away from these electronic devices as possible: wireless

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routers, radios, cellular telephones, intercoms, room monitors, televisions, personal computers, kitchen appliances and cordless telephones.

### Precautions for users of implanted cardiac pacemakers

Cardiac pacemakers (applies only to digital cordless devices):  
Wireless Technology Research, LLC (WTR), an independent research entity, led a multidisciplinary evaluation of the interference between portable wireless devices and implanted cardiac pacemakers. Supported by the U.S. Food and Drug Administration, WTR recommends to physicians that:

#### Pacemaker patients

- Should keep wireless devices at least six inches from the pacemaker.
- Should NOT place wireless devices directly over the pacemaker, such as in a breast pocket, when it is turned ON.

WTR's evaluation did not identify any risk to bystanders with pacemakers from other persons using wireless devices.

#### Electromagnetic fields (EMF)

This VTech product complies with all standards regarding electromagnetic fields (EMF). If handled properly and according to the instructions in this user's manual, the product is safe to be used based on scientific evidence available today.

## FCC and IC regulations

### FCC Part 15

This equipment has been tested and found to comply with the requirements for a Class B digital device under Part 15 of the Federal Communications Commission (FCC) rules. These requirements are intended 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.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

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.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria. The baby unit shall be installed and used such that parts of all persons body are maintained at a distance of approximately 20 cm (8 inches) or more.

This Class B digital apparatus complies with Canadian requirement:  
CAN ICES-3 (B)/NMB-3(B)

For body worn operation, this parent unit has been tested and meets the FCC RF exposure guidelines when used with the accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

### Industry Canada

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause harmful interference received, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this product.

The term IC: before the certification/registration number only signifies that the Industry Canada technical specifications were met.  
This product meets the applicable Industry Canada technical specifications.

### RF radiation exposure statement

The baby unit complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The baby unit should be installed and operated with a minimum distance of 20 cm (8 inches) between the baby unit and all persons body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies also with Industry Canada RSS-102 with respect to Canadas Health Code 6 for Exposure of Humans to RF Fields.

## Technical specifications

|                             |  |
|-----------------------------|--|
| Frequency control           | Crystal controlled PLL synthesizer control   |
| Transmit frequency          | Baby unit: 1921.536 - 1928.448 MHz<br>Parent unit: 1921.536 - 1928.448 MHz   |
| Channels                    | 5  |
| Nominal effective range     | Maximum power allowed by FCC and IC. Actual operating range may vary according to environmental conditions at the time of use.   |
| Power requirements          | <b>Baby unit:</b><br>Input: 100 240VAC 50/60Hz 150mA<br>Output: 6VDC 450mA<br><b>Parent unit:</b><br>Input: 100 240VAC 50/60Hz 150mA<br>Output: 6VDC 450mA<br>For pluggable equipment, the socket-outlet (power adaptor) shall be installed near the equipment and shall be easily accessible. |
| <b>Battery Information:</b> | Parent unit battery:<br>2 X AAA alkaline batteries   |

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