Size：540*120MM

HelloBaby®

Focus on Mom & Baby Care !

# User Manual

## 2.4GHz Digital Wireless Video Baby Monitor

**Model: HB43**

www.hellobaby.net.cn
service@hellobaby.net.cn

Thank you for purchasing the HB43 HelloBaby Baby Monitor. With our baby monitor, you could see and hear your baby sleeping or playing in their room anytime.

Please retain your original dated sales receipt for your records. For warranty service of your HelloBaby product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

**Please make sure the following included in your package**

Parent unit x 1 Camera unit x 1 Power Adapter x 2
User manual x 1 Wall-mounting kit x 1

**1. SAFETY INSTRUCTIOINS**

**CAUTION**: Keep the device away from children.

**Strangulation Hazard**: Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3ft (0.9m) away). Never use extension cords with AC Adapters. Only use the AC Adapters provided.

**Choking hazard** : This product contains small parts, please be careful when unpack and assemble the product.

**Read and keep to instructions:** All the safety and operating in structions should be read before the video baby monitor is operated. This product cannot replace responsible adult supervision.

**Water and moisture:** This product is designed for indoor use only. The unit should not be exposed to rain, moisture, dripping or splashing. No objects filled with liquid should be placed on top of, or beside the product, such as a glass or vase. This item should not be used near water.

**DO NOT:** Use the appliance if the cord or plug is damaged. If your baby monitor is not operating properly or has suffered any damage, contact "HelloBaby" service center to request inspection and repair of the appliance in order to avoid any possible risk.

**DO NOT:** Do not attempt to repair or adjust any of the electrical or mechanical functions of the unit. Otherwise, the guarantee will be made void.

**Ventilation:** This baby monitor should not be used on a bed, sofa, rug or similar surface that may block the ventilation openings, or be placed in an enclosed area such as a bookcase or drawer that may impede air flow.

**Keep away from sources of heat:** This unit should not be exposed to direct heat sources such as a candle, radiator, heat register, stove or other appliance that emits heat. The unit should not be left in direct sunlight.

**Power source:** This unit should only be used with the AC power adapters included in this package (rated 5V DC 1A).

**Damage requiring service:** This unit should be serviced by qualified personnel only when:
. Objects have fallen or liquid has been spilled into the product;
. The units have been exposed to rain;



. The units do not appear to operate normally or exhibits a distinct change in performance;
. The units have been dropped or the enclosure damaged;

**2. WARRANTY TERMS**

We offer one-year warranty from the original purchase date against defects in workmanship and materials. If you have warranty or support issues, please contact our after-sales service via email.

**3.INSTALLATION GUIDELINES**

* To use your parent unit and camera unit together, you have to establish a radio link between them, and the range will be affected by environmental conditions.
* Any large metal object, like a refrigerator, a mirror, a filling cabinet, metallic doors or reinforced concrete between the baby and parent unit may block the radio signal.
* The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TV, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
* Use of other 2.4GHz product, such as wireless networks (Wi-Fi routers), Bluetooth systems, or microwave ovens, may cause interference with this product, so keep the baby monitor away at least 5ft (1.5m) from such products, or turn them off if they cause interferences.

**4. PLACEMENT OF THE BABY MONITOR**

The camera can be placed on the desktop or mounted on the wall. Don't place baby monitor on soft quiltsor blankets or in the corners of cupboards, shelves, etc; Keep the baby monitor away from heat sources such as radiators, chimneys, cookers and direct sunlight; Keep the baby unit away from TV sets, microwave oven and radios. If interference occurs, move the camera to elsewhere;

* Place the camera within 6 feet (2 meters) of the area being monitored for optimum performance.

**5. GETTING STARTED**

**5.1 TURN ON THE BABY UNIT:**

1. Insert the DC plug of the power adapter into the DC jack in the rear of the Baby Unit;
2. Insert the other end of the power adapter into a suitable electrical outlet;
3. Once the adapter is connected, the power LED will light up;

**5.2 TURN ON THE PARENT UNIT:**

1. Insert the DC plug of the power adapter into the DC jack in the side of the parent Unit;
2. Insert the other end of the power adapter into a suitable electrical outlet;
3. Press and hold the power key 3 seconds on the top of the parent unit;
4. Once parent unit is on, the power LED will light up and the image will display on the LCD



**5.3 INFRARED NIGHT VISION (AUTOMATIC)**

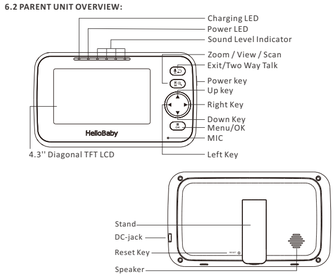
The infrared night vision function allows the camera to pick up images in dark or low light conditions. In this mode, only black and white images will be displayed on the monitor, the optimum image lie in where baby unit is 6ft (2m) away from object. The camera is in night vision mode, the icon will be displayed on the top of screen.

**6. PRODUCT OVERVIEW**

**6. 1 ICONS OVERVIEW:**

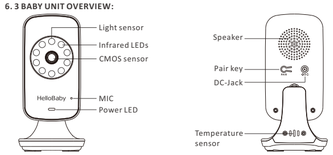
| | | |
|---|---|---|
| Signal Strength | Volume | 2 Zoom |
| Alarm | Temperature | Battery Level |
| Lullaby | Night vision | Vox |
| Camera | Celsius | Fahrenheit |

**6.2 PARENT UNIT OVERVIEW:**






**6. 3 BABY UNIT OVERVIEW:**




**7. KEY OPERATION**

**7.1 POWER SAVE / SCREEN OFF**

Short press the power key to turn on / off the screen.

**7.2 VOLUME ADJUSTMENT**

Press the ▲ key to increase the volume; Press the ▼ key to decrease the volume;

**7.3 BRIGHTNESS ADJUSTMENT**

Press the ◀ key to decrease the brightness; Press the ▶ key to increase the brightness;

**7.4 CAMERA VIEW/SCAN**

Press scan key to view/scan camera, during scan mode, the scan icon will be displayed on the top of screen. Each camera's video will be stay on the LCD around 10 seconds then change to next camera;

**7.5 DIGITAL ZOOM & PAN / TILT**

Press and hold the key around 2 seconds to operate Zoom in / out; At the Zoom mode, press the ◀ key to Pan left; press ▶ key to Pan right; press ▲ key to tilt up; press ▼ key to tilt down; During digital zoom mode, the zoom icon 2 will be displayed on the top of screen.

**Warm reminder:** If you want to adjust the volume/Brightness, you have to exit the Zoom mode before you operate it.

**7.5 Two Way Talk**

Press and hold key to enter two way talk mode. A microphone icon will be displayed in the corner of the LCD screen. Release the key to stop.

**Note**: When you are in the two-way talk mode, the parent unit speaker is muted.

**8. MENU OPERATION**

**8.1 PAIRING THE CAMERA AND PARENT UNITS**

The baby unit is pre-registered to your parent unit. You do not need to register it again unless the baby unit loses its link with the parent unit. To re-register your baby unit, or



register a new baby unit, follow the procedure below:

**Note :** Camera icon with " " means it is well registered. You should select and pair with the camera icon without " " sign.

**8.1 .1 ADD CAMERA**

1. Press the MENU key then the menu will pop up;
2. Press the ◀ / ▶ / ▲ / ▼ key until the camera icon is selected by red box;
3. Press OK key to enter into sub-menu, then press ▲ / ▼ key to select your desired camera;
4. Press key enter into sub-menu; Press ▲ / ▼ key to select then press key;
5. While the icon ... displayed on the LCD screen, press the PAIR button on the back of camera;
6. Once paired, Successful pairing icon shows on the LCD screen;
7. If fails, repeat the above steps.

**8.1.2 DELETE CAMERA**

1. Press the MENU key and the menu will pop up;
2. Press the ◀ / ▶ / ▲ / ▼ key until the camera icon is selected by red box ;
3. Press OK key, to enter into sub-menu, then press ▲ / ▼ key to select the camera you want to delete;
4. Press key enter into sub-menu; Press ▲ / ▼ key to select then press key;
5. Press ◀ / ▶ key to select for deleting the camera;
6. Press OK key to confirm the option.

**8.2 TEMPERATURE UNIT SETTING**

1. Press the MENU/OK key and the menu will pop up;
2. Press the ◀ / ▶ / ▲ / ▼ key until the temperature icon is selected by red box;
3. Press key enter into sub-menu;
4. Press the ◀ / ▶ key to select the ℉ or ℃ for setting temperature unit;
5. Press the key to confirm;
6. Press the key to Exit.

**Note:** The temperature detection range is 0~50 ℃ .

**8.2.1 TEMPERATURE ALARM SETTING**

1. Press ◀ / ▶ / ▲ / ▼ key to select for turning on alarm function; press key to confirm;
2. Press ◀ / ▶ / ▲ / ▼ key to select for turning off alarm function; press key to confirm;

**8.2.2 SET TEMPERATURE HI/LO ALERT LIMITS**

1. press ◀ / ▶ to select (red) or (green) for Hi/Lo limits settings;
2. Press ▲ / ▼ keys to adjust the Hi limit when (red) is selected;
3. Press ▲ / ▼ keys to adjust the Lo limit when (green) is selected;

**Note:** The high temperature alarm default setting is 36 ℃, and the low temperature alarm default setting is 8 ℃. When the temperature goes above or below the settings, the temperature icon will display on the screen. It will alert user by beeps. Press any key on



the parent unit to stop beeping and flashing.

**8.3 LULLABY SETTING**

You can soothe the baby to sleep by playing a gentle lullaby from the Camera unit.

1. Press the MENU key then the menu will pop up;
2. Press the ◀ / ▶ / ▲ / ▼ key until the lullaby icon is selected by red box;
3. Press key enter into sub-menu;
4. Press the ◀ / ▶ / ▲ / ▼ key to select one of the 8 available lullabies, you can pick single playback, loop (all 8 lullabies) playback or stop ;
5. Press key to confirm.

**Note** : The lullaby default setting is OFF.

**8.4 ALARM SETTING**

You can use the alarm to remind yourself to feed your baby / change diaper / sleeping, etc.

1. Press the MENU key then the menu will pop up;
2. Press the ◀ / ▶ / ▲ / ▼ key until the alarm icon is selected by red box.
3. Press key enter into sub-menu, Press the ◀ / ▶ / ▲ / ▼ key to selected the alarm time you need;
4. Press key to confirm;
5. Press key to Exit.

**Note 1**: The minimum unit is 0.5 hour. The maximum setting is 5 hours (7 levels);

**Note 2**: Once the alarm is turned on, alarm icon will display on the screen;

**Note 3**: The alarm default setting is OFF;

**Note 4**: When the alarm is ringing, press any key on the parent unit to turn the alarm off;

**Note 5**: If you don't turn off the alarm, the alarm will ring for 1 minute. After three minutes the alarm will ring again for 1 minute. The alarm will ring for 3 times in total, after this the alarm goes off.

**8.5 VOX SETTING**

This mode allows you to control the sound activation of your baby unit. If there is no sound around the baby unit within 30 seconds, it will stop audio transmission and turn off the screen of the parent unit. When the baby unit detects any sounds louder than the sensitivity level, it will start transmitting the signal to the parent unit again and turn on the screen of the parent unit. To change the VOX level, please follow the below instructions.

1. Press the MENU key then the menu will pop up;
2. Press the ◀ / ▶ / ▲ / ▼ key until the VOX icon is selected by red box.
3. Press key enter into sub-menu, then press ▲ / ▼ key to select desired level;
4. Press key to confirm;
5. Press key to Exit.

**Note**: is Low sensitivity level; the baby have to make a lot of sound before the VOX function will be activate;

**Note**: is middle sensitivity level;

**Note**: is High sensitivity level; the baby don't have to make a lot of sound before the VOX function will be activate;



**8.6 LANGUAGE SETTING**

1. Press the MENU key then the menu will pop up;
2. Press the ◀ / ▶ / ▲ / ▼ key until the language icon is selected by red box.
3. Press key enter into sub-menu, then press ◀ / ▶ / ▲ / ▼ key to select the language you need;
4. Press key to confirm;
5. Press key to Exit.

**9. TECHNICAL DATA**

| | |
|---|---|
| Frequency | 2412MHz~2469MHz |
| Power Adaptor | Parent Unit: Input: 100-240VAC 50/60Hz<br>Output: 5V DC 1A<br>Camera Unit: Input: 100-240VAC 50/60Hz<br>Output: 5V DC 1A |
| Operating Range | Up to 1000ft (300m) outdoor (line of sight)<br>Up to 165ft (50m) indoor |
| Display | 4.3'' Diagonal TFT LCD |
| Battery (Parent Unit) | Li-ion 3.7V 2000mAh (7.4Wh) |
| Battery Life | Up to 8 hours |
| Maximum power | <19dBm |
| Operation environment | Operation Temperature: +32F~+104F (0℃~40℃)<br>Battery Charging Temperature: +50F~+104F (10℃~40℃) |
| | Relative Humidity：15%-85% |

**10. TROUBLE SHOOTING**

| | |
|---|---|
| No reception on the monitor | * The power adapters may not be properly connected;<br>* Confirm that the camera and monitor are ON;<br>* Camera may be far away from the monitor;<br>* Camera and monitor may not be properly paired; follow PAIRING instructions; |
| Interference or poor recetion | * Move the monitor close to the camera;<br>* The camera or monitor may be placed too close to many metal objects;<br>* Other electronic devices may be interfering with the signal;<br>* The battery power may be too low; |
| Audio feedback (high pitched noise) | * The camera and monitor may be placed too closed;<br>* The volume on the monitor may be set too high; |



| | |
|---|---|
| Frozen Picture on Screen | * Repower the baby unit (plug out the adapter, then plug it into the socket again);<br>* Press the RESET key at the back of parent unit; |

**11. MAINTENANCE**

* Clean your baby monitor with a slightly damp or anti-static cloth.
* Never use cleaning agents or solvents.

**12. DISPOSAL GUIDE FOR BATTERY AND PRODUCT**

* Do not attempt to repair or adjust any of the electrical or mechanical functions of the unit;
* Remember to dispose of the product in an environmentally responsible way;
* For proper collection and processing of these products, take them to the collection points designated by local authorities. You can also contact the store where you purchased the product.

**FCC AND IC REGULATIONS**

**FCC Part 15**

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.

**FCC Caution:**

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

**FCC 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 tel evision 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."

**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



interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.

**FCC/IC RF Radiation Exposure Statement Caution**: This Transmitter must be installed to provide a separation distance of at least 20 cm from all persons.

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.

End user must follow the specific operating instructions for satisfying RF exposure compliance. this transmitter meets SAR limit 1.6w/kg when worn on body at distance 5mm.

**IC Radiation Déclaration d'exposition Attention**: Cet émetteur doit être installé pour fournir une distance de séparation d'au moins 20 cm de toute personne.

This equipment complies with IC RSS‐102 radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR‐102 établies pour un environnement non contrôlé.

End user must follow the specific operating instructions for satisfying RF exposure compliance. this transmitter meets SAR limit 1.6w/kg when worn on body at distance 5mm.

L'utilisateur final doit se conformer à des spécifications spécifiques pour satisfaire aux exigences de conformité en matière d'exposition aux radiofréquences.Lorsqu 'il est porté sur lui à une distance de 5 mm, l' émetteur satisfait à la limite de 1,6 Watt / kg de radar à ouverture synthétique.

**EU Declaration of Conformity (DOC)**

Hereby, HelloBaby Technology (HK) Limited declares that the radio equipment type (2.4GHz Digital Wireless Video Baby Monitor HB43) is in compliance with RED Directive 2014/53/EU.

The full text of the EU declaration of conformity is available on the website: www.hellobaby.net.cn

Trade Name : HelloBaby
Model: HB43
Responsible Party: Startline LLC
Add: 22 Hazelwood Drive, Jericho, NY 11753
Tel: 1-516-681-3729



Shenzhen Videotimes Technology Co.,Ltd
Room 601, F6, Building.B, Chuanglingtong Technology Building, Shihua Road, Fubao Community, Fubao Street, Futian District, Shenzhen, China.

Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause personal injury or damage to property.Use only the types of the batteries which are indicated in this manual.

CAUTION: Risk of Fire and Burns. Do Not Open, Crush, Heat Above 45 degree C or Incinerate. Follow Manufacturer's Instructions.

- Disposal of a battery into fire or a hot over, or mechanically crushing or cutting of a battery, that can result in an explosion;
- Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
- The battery shall not be exposed to excessive heat such as sunshine, fire or the like;

| |
|---|
| **Risk Group 1** |
| **WARNING IR emitted from this product. Do not stare at operating lamp** |
| **Product tested against EN62471** |

**⚠WARNING**

Strangulation Hazard: Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 3 ft (0.9 m) away). Do not remove this tag.

**⚠ AVERTISSEMENT**

DANGER D'ÉTRANGLEMENT: Des enfants se sont ÉTRANGLÉS avec des cordons électriques. Garde le cordonélectrique hors de la portée des enfants(à plus de 0.9m/3 pi du lit d'enfant). Ne pas enlever cette étiquette.



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Ver: 1.0
**Made in China**