

# 2.4GHz Digital Wireless **Baby Monitor** User Manual



## Guides You into a Harmonious World



- Thank you for using digital wireless kit, please read this manual carefully before use.

## I . Specifications

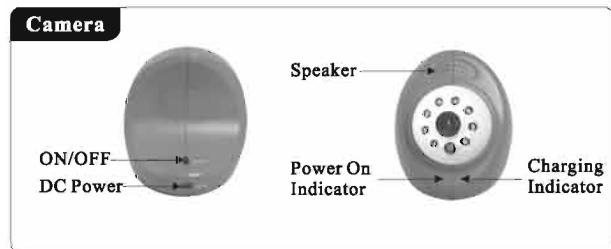
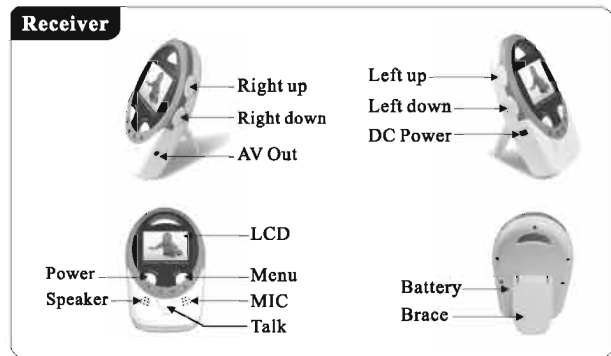
### 1. LCD Receiver

LCD:	2.4" TFT LCD
Definition (dot):	480(W) x 240(H)
Receiving Signal:	Video Audio
Receiving Frequency:	2.400GHz~2.481GHz
Sensitivity:	≤-85dBm
TV System:	PAL/NTSC
Modulation Model:	GFSK
Switch off:	When power supply below 3.3V
Power:	DC5V/800mA
Power Consumption:	≤3W
Working Temperature:	-10~50°C
Size:	123 x 72 x 24mm
Weight:	200g

### 2. Wireless Camera

Image Device:	CMOS Image sensor
TV System :	PAL/NTSC
Valid pixel:	PAL: 628x582    NTSC: 510x492
HorizontalDefinition:	380 TV Lines
Scan Frequency:	PAL/CCIR: 50Hz    NTSC/EIA: 60Hz
Minimum Illumination:	3Lux/F1.2
Transmission Power:	10mW
Transmission Frequency:	2.4GHz
Transmission Signal:	Video, Audio
Transmission Distance in Open Area:	200M
Power supply:	DC5V/1A
Battery:	Built in 3.7V/350mAh Li Battery(Optional)
Power Consumption:	≤1W
Working Temperature:	-20~60°C

## II. Product Components Diagram:



## III. Function key role

1. "POWER" button: turn ON/OFF the receiver and search the camera
2. "TALK" button: press it when you speak with the camera, and release when over.(when you press to speak, you can not hear, when it is free, you can hear)
3. "MENU"button: MENU and Enter, to adjust the zoom function, the volume of the camera side
4. 【UP】 & 【DOWN】 : "↑" / "↓" to increase or decrease the volume of receiver
5. 【LEFT】 & 【RIGHT】 : "LEFT" / "RIGHT" increaser or decrease the brightness of receiver

## IV. Features

- Digital wireless security kit
- The Receiver can work with up to 4 cameras
- The four wireless cameras do the scanning automatically
- Support AV OUT
- Stable signal and without interference, High resolution picture
- 200M transmitting range in open area
- Two-way speak

## V. How to use

### 1. Matching :

Turn on the receiver, enter into menu to choose CHANNEL SET, this is for choosing channel. If you want to match the receiver with

camera one, select channel one, when the channel one code is in status of matching, push the POWER ON/OFF (or STUDY KEY) button on the camera for about 5 seconds during which the indicating LED light is winking all the time. When the indicating LED light stop winking, matching is done. It is the same to match with camera 2 to 4.

### 2. Channel Set:

Camera one to four can be selected and scanned when use this function key.

### 3. Zoom in/out:

Press MENU button → choose ZOOM IN /OUT key , press MENU button to adjust, press 【LEFT】 button to ESC.

### 4. LCD Auto Off:

Press MENU button → choose LCD AUTO OFF→ press again MENU→ adjust proper turn-off time by “↑” / “↓” → press MENU→press 【LEFT】 button to ESC

### 5. Effect Set:

Press MENU button→choose EFFECT SET→press again MENU→ make submenu choice “↑” / “↓” .It is used for adjust Vertical image, Horizontal image, Brightness, SATURATION contrast.

**Vertical:** Press MENU button→ choose EFFECT SET→ press again MENU→ make submenu choice “↑” / “↓” to choose

Vertical key →press 【LEFT】 【RIGHT】 button to adjust→press 【LEFT】 button to ESC

**Horizontal:** Press MENU button→ choose EFFECT SET→ press again MENU→ make submenu choice “↑” / “↓” to choose  
Horizontal key →press 【LEFT】 【RIGHT】 button to adjust→ press 【LEFT】 button to ESC

**Brightness:** Press MENU button→ choose EFFECT SET→ press again MENU→ make submenu choice “↑” / “↓” to choose  
Brightness key →press 【LEFT】 【RIGHT】 button to adjust→ press 【LEFT】 button to ESC

**Saturation:** Press MENU button→ choose EFFECT SET→ press again MENU→ make submenu choice “↑” / “↓” to choose  
SATURATION key → press 【LEFT】 【RIGHT】 button to adjust→press 【LEFT】 button to ESC

### 6. Setup:

**AV MODE :** choose TV system PAL or NTSC

**AV OUT:** here to choose if you want AV OUT function, press the button on the top-left. You can not use the LCD of the receiver when you use AV OUT function.

### **BABY UNIT VOLUME:**

Press MENU button → choose BABY UNIT VOLUME→ press

again MENU→ adjust proper volume by "↑" / "↓" → press MENU→press 【LEFT】 button to ESC

7. **Li-battery.** When there is little power in the battery, the symbol of battery on the LCD screen is red, now you can either to power off the receiver or to charge the battery with power adapter, or else the LCD will be turned off automatically if you do nothing.

8. **Charging.** Connect the receiver with DC 5V power adapter, it is charging no matter the receiver is working or not. The symbol of battery on the LCD screen is winking during charging. It is not abnormal that the receiver generates some heat at the beginning of charging. When charged fully(usually takes 3.5 hours to do so when charging after the battery is used up), the receiver can work without stop for 3 hours.

9. The receiver's status information including brightness, saturation contrast, color, volume and channel information will be recorded after being turned off, it is the same with last time when you turn on the receiver again.

### VI. How to use the cameras

1. Press the power key for 2 seconds to turn on the camera.

When the camera is not turn on, press power key for about 5 seconds to do matching, the power indicating light is winking when matching, when matched the light stop winking and the receiver

will display video, or else matching is not successful. If the battery in the camera is used up, you have to do matching with power adapter to do power supply.

2. **Charging.** Connect the receiver with DC 5V power adapter, it is charging no matter the camera is working or not. The symbol of battery on the LCD screen is red during charging, will change into green when charging is done. When charged fully the camera can work without stop for 3 hours. Recharge after the power is used up. It is not abnormal that the camera generates some heat during charging.

### VI. Common problem during operation

1. The indicating light is not on when charging

Check the interface of the power adapter with the receiver/camera, check the AC power supply is on or not.

2. No video or the video is not clear:

a. Check is there power supply to the camera;

b. The distance between the receiver and the camera should be not too long, or make sure there is not too much obstacles(buildings made of cement will reduce the signal by much degree);

c. Make the antenna of the receiver far from electromagnetic stuff like steel, brass etc;

d. There are high power transmitting station of the same frequency with the camera nearby will do a lot of interference to the receiver, so will the radio on cars.

3. When you use frozen battery, please do not connect the power adaptor.

### VIII. Liability limit

◆ Corporation will not be responsible for any sudden occurrences caused by earthquake, thunderbolt, fire and any third party behaviours that duties and capabilities; including customer's intentional or unintentional mistakes, misuses and uses under improper conditions.

◆ Corporation is not responsible for any occasional loss (loss of commercial profit and business interruption), which caused by incapability of using the product.

◆ Corporation is not responsible for any loss or damage due to the nonperformance of the descriptions in the manual.

◆ Corporation is not responsible for any loss or damage caused by using any third party's product.

◆ Corporation holds the final explanation to the product.

### IX. Accessories:

Power adapter of the Receiver: 1PC (5V/800mA)

Power adapter of the Camera: 1PC (5V/1A Mini USB Port)  
(Optional: 3PCS)

Camera: 1PC (Optional: 3PCS)

AV cable: 1PC

User Manual: 1PC

This card is the important evidence to receive our service, please keep it well.

- ① When used normally, the following services can be offered:
- A. Replacement for functional disorder within 3 months.
  - B. Repair free of charge for functional disorder within 1 year.
  - C. Service for all the life( only charge material cost and freight if the warranty date expires.)
- ② The following conditions are excluded for warranty service ( repairable if needed, but will charge material cost and freight.)
- A. Malfunctions or damages by mistaken installation or using the products exceeding the limited operating conditions.
  - B. Malfunctions or damages by self disassembled or repair and any other misuse.
  - C. Spare parts missed, artificial damages
  - D. Unmatched products.
- ③ Repair cycle Excluding the shipping dates, the Quality Department will submit the examine report in one day on receipt of the products, the products on the quantity under 50sets will be repaired in 3 days after customers signed back the test report.

**Product name:** \_\_\_\_\_

**User's name:** \_\_\_\_\_

**User's address:** \_\_\_\_\_

**Tel:** \_\_\_\_\_ **Zip code:** \_\_\_\_\_

**Purchase date:** \_\_\_\_\_

**Invoice No.:** \_\_\_\_\_

**Distributor:** \_\_\_\_\_

**Contact person:** \_\_\_\_\_ **Tel:** \_\_\_\_\_

**Dealer:( Valid by sealed)**

## **FCC warning 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 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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

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