2.4G Wireless

Digital Color

LCD Baby Monitor Kit

Contents

Note：

1:Please do not work at a high temperature,high magnetic field or under the glare.

2:Use the designated power adaptor and battery in case any serious damage of this product

3:Do not put this product in those places which the temperature is extremely low or high.

4:Please turn off the power when you do not use this product.Meanwhile,please take out the battery when you do not use it for a long time.

5:Please avoid water and dust.

**6:**Please do not use thinner or other chemicals to wipe this product

7:This product is designed for baby,please try to use it in interior.And it will reduce the display effect under strong light.

8:The AC adaptor is for indoor use only.

Main Function

●Adopt 2.4GHz Frenquency transmission, accord with FCC,CE Standard；

●With high resolution 2.4" LCD display screen；

●Have operation text menu display function；

●Support one receiver can connect 4 transmitters；

●Long-distance transmission:Up to 200-300m in open air；

●Day and night monitoring with clear images for 24 hours；

●Half-duplex Voice Transmission, Voice clear, volume of sound (0~10) is adjustable；

●Vox Alarm function, the volume of baby sound or happened in baby room over the volume which software of baby monitor has been fixed will alarm to monitor (screen automatically turn off,and then turn on with sound), to remind parents to pay more attention to baby.

●Monitor with TV Out function,support TV display;

●Monitor with real time function,and display real time information;

●Camera and receiver use lithium batteries, convenient for mobile use;

●With pairing code function: make pairing through the pairing code buttons of monitor and camera;

●Abelt buckle receiver clip, easy to carry.

Lens

Night vision

Microphone

Power key

5V Power input

Code pair/Work indicator
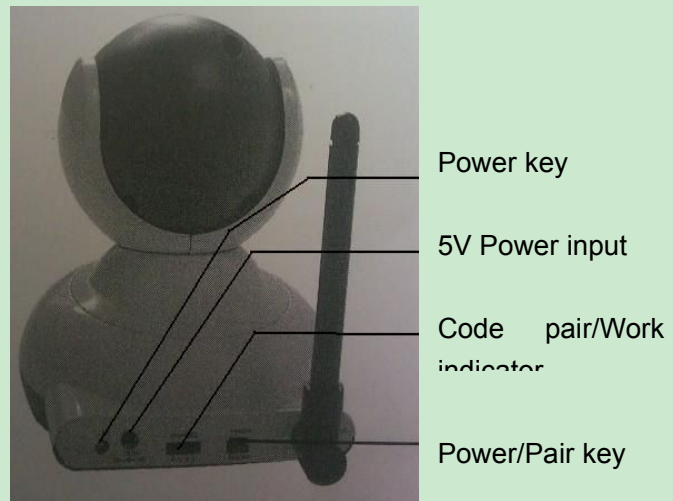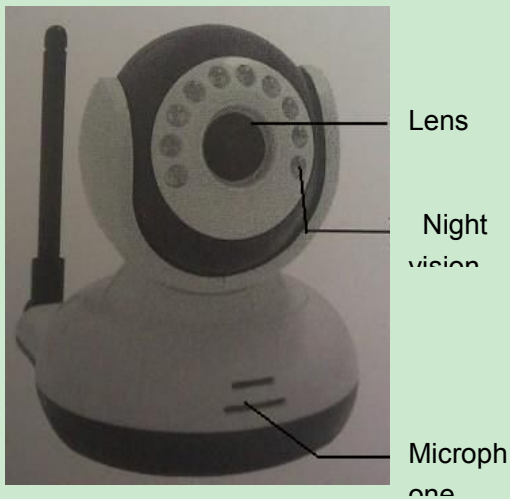
Power/Pair key

Function Introduction

2.4G Wireless Camera Illustration

2.4" LCD baby monitor Illustration：

Long press to start,short click to enter the sleep mode
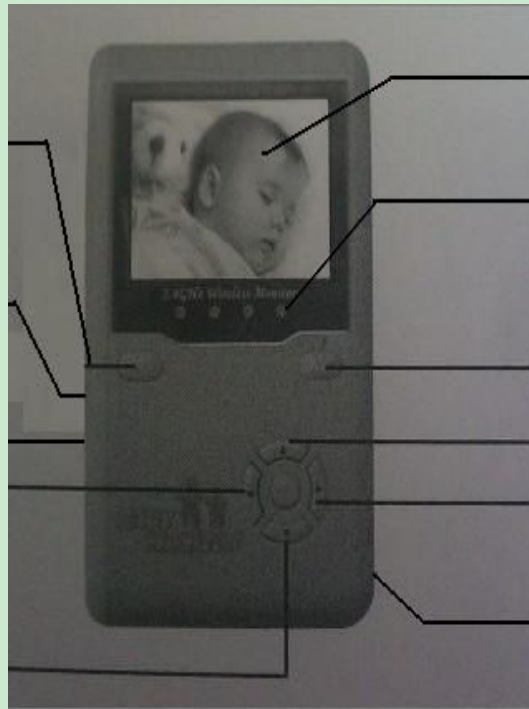
LCD Screen

Sound Volume Indicator

DC 5V power input

3 seconds long press to amplify the image

Power /Pair Key

Turn up the volume

Switch channels

Switch channels

TV output， Plug in A/V line to switch to TV display, pulled out AV line to switch to LCD display

turn down the volume
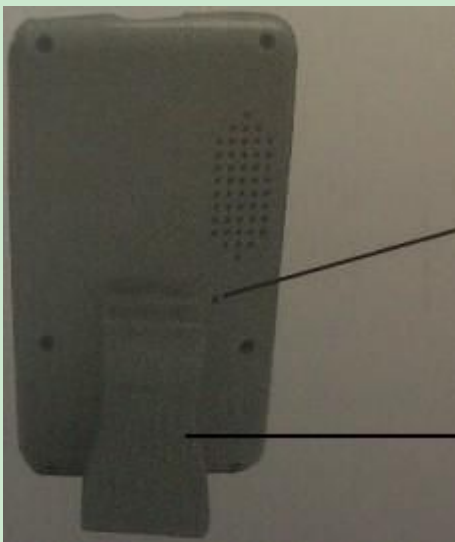
Pair Key,short press this button until the power indicator light is on,press the Pair button of the transmitter for 3 seconds to pair,it will display the image of camera after pairing successfully

Stents and back clip

2.4G Wireless Camera

1 PCS Wireless Camera
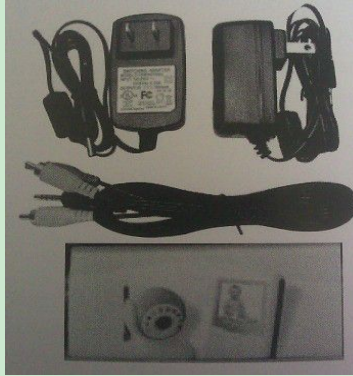1 PCS Wireless LCD Receiver

2 PCS power adapter
1 PCS AV Cable
1 PCS   user manual

1 PCS lithium battery for camera use

Standard Package Content

● 5V DC Power adapter   2PCS

● 2.4G Wireless LCD Baby Receiver   1PCS

● 2.4G Wireless Camera   1PCS

● User manual   1PCS

● AV Cable   1PCS

● lithium battery for camera use   1PCS

Instructions

The camera and receiver use external power supply or supply battery by built-in lithium battery, short press the Power/Pair button of the camera until the power indicator light is on,After switching on, press the Power button of the receiver for 3 seconds,then press the Power/Pair key of camera for 3 secons,Green light flash and enter into pairing code.After pairing successful,Monitor will show "Paired" information,and connect with cameras automatically.

   The camera and receiver use external power supply or supply battery

by built-in lithium battery, short press the Power/Pair button of the camera until the power indicator light is on,After switching on, press the Power button of the receiver for 3 seconds,then press the Power/Pair key of camera for 3 secons,Green light flash and enter into pairing code.After pairing successful,Monitor will show " Paired " information,and connect with cameras automatically.

In the preview screen to press up/down button to adjust the volume of the LCD receiver and press left/right to switch the channels.

Menu
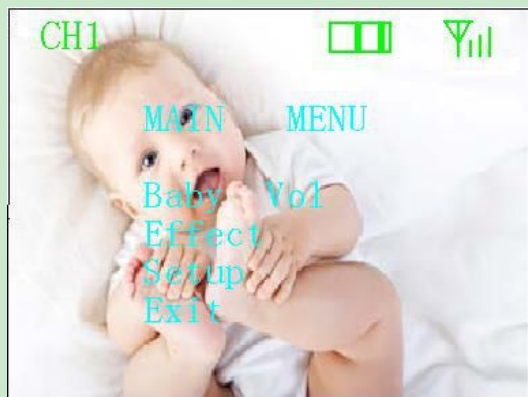
In the preview screen short click OK button to enter the main menu display

● Baby Vol

Baby Vol Mode

In the preview screen short click OK button to enter the main menu display,the options box stops in the "Baby Vol" option,this model is to adjust the volume of the camera and to adjust the volume of the LCD when pressing up/down button in the preview screen.Click OK button to enter the volume adjustment, press left and right adjust the volume , volume level from 0-100 (10 a level volume).Press OK Key to confirm and exit after this.

Effect Mode

1：Brightness Mode

In the preview screen short click OK button to enter the main menu display, hen press the up/down key move to Effect position when the press OK to enter.Press the up/down key move to brightness ,press left/right key to modify the parameter,the brightness   level from 0-100 (10 a level brightness)

Press OK Key to confirm and exit after this.Briness

Note： The brightness can be adjusted usefully only after receiving the image of camera,and the brightness is the camera`s,not the LCD`s.

2：Vertical Mode

In the preview screen short click OK button to enter the main menu display,then press the up/down key move to Effect position when the press OK to enter.Press the up/down key move to Vertical,press left/right key to modify the the ON/OFF state.

ON:Image display properly

OFF:Mirror image shows around

Press OK Key to confirm and exit after this.

3：Horizontal Mode

In the preview screen short click OK button to enter the main menu display,then press the up/down key move to Effect position when the press OK to enter.Press the up/down key move to Horizontal,press left/right key to modify the the ON/OFF state.

ON: Image display properly

OFF: Mirror image shows around

Press OK Key to confirm and exit after this.

4：Contrast Mode

In the preview screen short click OK button to enter the main menu display,then press the up/down key move to Effect position when the press OK to enter.Press the up/down key move to contrast,press left/right key to modify the parameter,the contrast level from 0-100 (10 a level contrast)

Press OK Key to confirm and exit after this.

Note:The contrast can be adjusted usefully only after receiving the image

of camera.

5：Saturation　Mode

In the preview screen short click OK button to enter the main menu display,　then press the up/down key move to Effect position when the press OK to enter.Press the up/down key move to Saturation,press left/right key to modify the parameter,the saturation level from 0-100（10 a level saturation）

Press OK Key to confirm and exit after this.

Note：The saturation can be adjusted usefully only after receiving the image of camera,and the saturation of this mode is fixed so the parameter won`t change when adjusting.

Setup Mode
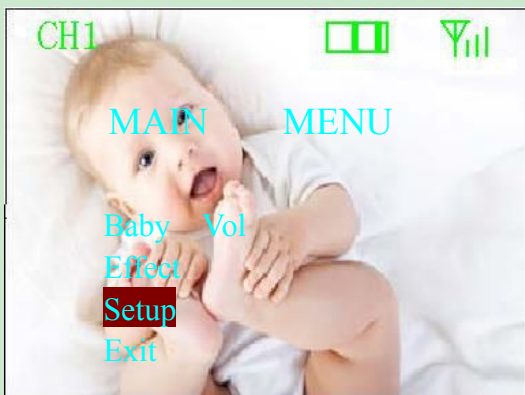
1：VOX Mode

In the preview screen short click OK button to enter the main menu display,then press the up/down key move to Setup position when the press OK to enter.Press the up/down key move to VOX Mode,press left/right key to modify the parameter.There are OFF/LO/HI 3 choices,it will display [---] if not receiving images.

OFF:close sonic function, sonic function is invalid

LO: Sonic low sensitivity,when the LCD enter sleep mode,the voice of the camera is more than 60 dB ,and the LCD will open automatically, and the screen display "VOX ".

HI: Sonic high sensitivity,when the LCD enter sleep mode,the voice of the camera is more than 56 dB ,and the LCD will open automatically, and the screen display "VOX ".

2: Auto Sleep Mode

In the preview screen short click OK button to enter the main menu display, then press the up/down key move to Setup position when the press OK to enter.Press the up/down key move to Auto Sleep,press left/right key to modify the parameter.

**OFF:** When auto sleep mode off,short press POWER button to enter the auto sleep mode.

30S/1M/3M/5M/10M：choose the time of automatic out screen time,then the LCD receiver will enter auto sleep mode.When the LO/HI of vox mode is on, the voice of the camera in the control level more than set up,the LCD will light automatically.

3: TV OUT Mode

In the preview screen short click OK button to enter the main menu display, then press the up/down key move to Setup position when the press OK to enter.Press the up/down key move to TV OUT TV formats output model,press left/right key to modify the parameter, PAL-M/NTSC-3.58 / PAL/NTSC-4.43 four formats for choosing.

ZOOM Mode

In the preview screen long press TALL/ZOOM Key for 3 seconds,a magnifying glass icon is displayed on the LCD display,pressup/down/left/right buttons can move the image of the display area,then short press TALL/ZOOM Key to confirm and exit after this.

TIME Set

In the preview screen long press OK Key for 3 seconds to enter into time setup,Press Left/Right Key to adjust the increase or decrease of the number of the time,set up the hour first and short press OK Key to confirm it,then set up the minute,and short press OK Key to confirm and exit after this.

Pair Process

LCD Monitor with power,meantime cameras should be with power;

1:Choosing the camera code which is going to pair by Left and Right Key of the Monitor,such as CH1;

2:Press Power/Pair of Monitor for 3 seconds to make pairing, POWER light will flash LCD display" 1# baby Pairing…"

3:Press the Power/Pair key of camera for 3 secons,Green light flash and enter into pairing code;

4:After pairing successful,Monitor will show "Paired" information,and connect with cameras automatically.

If can not pair code, it returns to original code and back to origital state after 15 seconds,

Repeat Step 4.2.2 ~ Step 4.2.5 to make pairing code of Camera 2,3,4.

Note:Different cameras should choose different channel to code, otherwise, it will override other cameras in this channel to code.

Problems & Solutions

1:There are screaming voice if the distance between the camera and monitor is near

Answer: This phenomenon is caused by the acoustical feedback,the audio signal of microphone is gleaned by receiver's speaker and then the microphone pick the signal again and transmit them together with camera's voice,the receiver will have louder voice than before.Therefore,it can cause the formation of self-excited oscillation round and round ,and result in the screaming voice.However,you can solve this problem by turn down the speaker volume or insert the headset into the receiver.

2:No response

Answer:Check whether the power adaptor is connected well,check whether the battery is installed well.Please install the battery in correct direction.And check whether receiver power button is ON position

3：LCD can`t display when power on

Answer:Please Check whether the AV line and not connected to insert the TV, whether press the POWER button is short in auto sleep mode,then

press the POWER button in short time to see if the display work or not.

Parameters

a: Function

Function	Description
Frame Rate	15-25 Frame, Signal strong,frame high
Signal strength indication	6 grade
Voice Volume	10 grade
Talkback	Two-way talk, half-duplex
VOX	Switch on automatically when there is voice
One monitor with 4 transmitter	One receiver with 4 cameras,switch CH display
Realtime clock	Yes,24 hours system
LCD Size	2.4inch 960*240 RGB color LCD
Transmission safety	Use after pair code

b: Electrical parameters

LCD Receiver Voltage	DC :5V/1000MA ;Battery :Built-in 3.6V/700MAH lithium battery
Camera Voltage	DC : 5V/1000MA ; Battery:External lithium battery 3.6V/700MAH
Frequency	2.4GHz ISM Band
Wireless Work	FHSS

Method	
Transmission Power	19dBm@CW mode
Transmission rate	3Mbps
Operating Range	Open field：200-300 meter
Work current （Transmitter and receiver）	TX:400mA MAX,RX:400mA MAX(No charge current calculation)
Charge current	120-200MA (Transmitter and Receiver have the same charge current)
Work current for Auto sleep	TX:35mA (once every 0.5s) RX:20mA (once every 0.5s)
Audio rate	16K
Audio range	120Hz~3KHz
VOX Power	-56/-60dB@ MIC Input
Camera resolution	0.3 Mega
Picture resolution	320*240QVGA
AV OUT function	5-15 frame VGA from AV Output
Video Rate	15-25FPS
Total harmonic distortion	<5.0%
SNR	46dB
Receiving	-96dBm@BER=1e-3

Sensitivity	
Night vision range	2-3 meters
Operating Humidity	20--80% RH
Operating Temperature	0℃--60℃

Signal Indicators:

Signal Strength Indicators	Description
Y.ılıl	Perfect Signal
Y.ıl	Low Signal
Y	No Signal