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Caution
In order to prevent improper operation of DC Converter, Please read user manual carefully.

Safety Notice
For you safety, please use only the DC converter provided. (The manufacturer will not responsible for any losses caused by DC converter not provided by the manufacturer).!! Important !! Please only use the socket match with DC converter. Use of improper socket may cause electrical and fire damager.

Safety Notice
- Do not use damaged Charger
- Do not use battery over the specified time period
- First use or the battery has not been for past several months; please recharge the battery before use
- In order to protect your battery, please fully charge your battery before you use. The battery must be fully discharge it before you charge it again
- Over charge and over discharge will shorten the life of battery. If the usage period of fully charged battery is shorten than new battery, you need to change your battery
- Battery is consumable item, its life will be shorten from the time it is being used
- Don't touches the DC converter with conductors e.g. rings etc

Main Features
* 100% digital baby monitor kit
* Interference-free
* 4 Channels, support 4 cameras for one monitor
* Portable parent unit
* Video to see your baby with 2.4" LCD color screen
* Infrared night vision
* High sensitivity microphone
* 2-way communication
* VOX function
* Rechargeable battery
* Belt clip on parent's unit
Digital Baby monitor kit components:

2.4G wireless camera

1 pc * Wireless Camera
1 pc * Wireless Monitor

2 pcs * Power Adapter
1 pc * AV Cable
1 pc * Instruction Manual

Package Contents:

- 5V DC Adapter
- 2.4" Wireless LCD baby monitor
- 2.4G wireless camera
- Instruction Manual
- AV Cable

Check the package to confirm that you have received all components shown above.

Main Parts

2.4G wireless camera

IR night lights

Press the button for 5 seconds turn on/off camera

2.4"LCD baby monitor Receiver

Press to turn on monitor

Adjust Monitor Voice high

channels selection

(also Auto Scan function: press the button for 3 seconds, it will enter Auto Scan mode can auto scan different video, press any navigation key to stop Auto scan.)

Note: Monitor can charge when it is low battery

When monitor charging, it can be power off or turn on. If want to know battery charge status need to turn on monitor.
Press "POWER" button on the wireless camera and the LCD monitor after the adapter connects to the camera and the monitor. Signal strength/Channels/Battery Status will show on the LCD monitor. Meanwhile, the monitor can receive the video from the camera.

Press OK button to display the main menu. Press OK button to convert zoom in or zoom out function. Press Left Navigation key to Exit.

Press OK button to display the main menu, and then select the "baby unit volume" mode by Down navigation key. Press OK button to entry, press UP/Down navigation key to adjust the voice level (0-9, volume level). Press OK button to confirm volume level. Press left navigation key to Exit and return to monitor screen.
Effect SET Mode

1. Vertical mode
Press OK button to display the main menu, and then select the "EFFECT SET" mode by Down navigation key.
press OK button to entry, press right navigation key to convert vertical on/off.
press OK button to confirm.
press left navigation key to Exit.

2. Horizontal mode
Press OK button to display the main menu, and then select the "EFFECT SET" mode by Down navigation key.
press OK button to entry, press Down Navigation key to select Horizontal mode, press right navigation key to convert Horizontal on/off.
press OK button to confirm.
press left navigation key to Exit.

3. Contrast mode
Press OK button to display the main menu, and then select the "EFFECT SET" mode by Down navigation key.
press OK button to entry, press Down Navigation key to select Contrast mode, press left navigation key to decrease the image contrast, press right navigation key to increase the image contrast (0-8, contrast level).
press OK button to confirm.
press left navigation key to Exit.

4. Saturation mode
Press OK button to display the main menu, and then select the "EFFECT SET" mode by Down navigation key.
press OK button to entry, press Down Navigation key to select Saturation mode, press left navigation key to decrease the image Saturation, press right navigation key to increase the image Saturation (0-6, saturation level).
press OK button to confirm.
press left navigation key to Exit.

Set up Mode

1. VOX ON/OFF mode
Press OK button to display the main menu, and then select the "SETUP" mode by Down navigation key, Press OK button to entry.
press right Navigation key to convert VOX on/off.
pres OK button to confirm.
pres left Navigation key to exit;
If VOX function is turn on, the baby monitor LCD screen will be off in a short time to entry sleep mode when the camera does not detect any voice. The baby monitor LCD Screen will be auto turn on When the camera detects the voice.

2. VOX SENSE mode
Press OK button to display the main menu, and then select the "SETUP" mode by Down navigation key, Press OK button to entry, press Down Navigation key to select VOX SENSE mode;
press right Navigation key to convert VOX SENSE low/night.
pres OK button to confirm.
pres left Navigation key to exit.

3. TV mode
Press OK button to display the main menu, and then select the "SETUP" mode by Down navigation key, Press OK button to entry, press Down Navigation key to select TV MODE;
press right Navigation key to convert TV mode PAL/NTSC.
pres OK button to confirm.
pres left Navigation key to exit.

4. LCD Bright mode
Press OK button to display the main menu, and then select the "SETUP" mode by Down navigation key, Press OK button to entry, press Down Navigation key to select LCD Bright Mode.
pres left navigation key to decrease the LCD Bright, press right navigation key to increase the LCD Bright (1-4, LCD Bright level),
pres OK button to confirm.
pres left navigation key to Exit;
**TV OUT Mode**

Please connect AV Cable with the baby LCD monitor
Press OK button to display the main menu, and then select the "TV OUT" mode by Down navigation key
Press OK button to entry, according to the AV Cable correct colors (yellow, white) to connect with TV or other LCD's AV port.
Under the Mode, the baby monitor LCD screen will be off; it only can hear the voice, TV or other LCD can hear voice and watch video.

**Pair Process:**

![Diagram of pair process]

**Method one:**
Use pin to press pair key on the Monitor backside (see above icon), then can see the monitor power led to flicker, it means can pair up with the camera.
Press the power button on the camera backside, the pairing is successful when the power led of the monitor stops to flicker.

**Method two:**
Press the power button on the camera backside, then can see the camera power led to flicker, it means can pair up with the monitor.
Use pin to press pair key on the Monitor backside (see above icon), the pairing is successful when the power led of camera stops to flicker.

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**Signal Indicators:**

<table>
<thead>
<tr>
<th>Signal Strength Indicators</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Signal Icon]</td>
<td>Perfect signal</td>
</tr>
<tr>
<td>![Signal Icon]</td>
<td>Low signal</td>
</tr>
<tr>
<td>![Signal Icon]</td>
<td>No signal</td>
</tr>
</tbody>
</table>

*NOTE: when you take care of your baby sleeping by our baby monitor kit, you should note the signal strength indicators on the LCD monitor to make sure baby safety more. Please reference to above table.

**Troubles hooting**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No video</td>
<td>Check the DC power of camera or batteries of the camera if works well. Make sure the camera and monitor in effective range.</td>
</tr>
<tr>
<td>When the camera works by battery and then change to works by DC, and when insert DC to DC port on camera, but the camera does not work and power off.</td>
<td>Please press power button on the camera backside to turn on it. When camera works by battery and then insert DC to DC port, the camera stops to work, so turn off the battery working due to protect the batteries which are in the camera, you know the batteries in the camera can not charge by DC.</td>
</tr>
<tr>
<td>Two ways talk --- low volum</td>
<td>Adjust the volum by UP/DOWN key on monitor or press OK button entry the main menu, then select baby unit volum mode to adjust the volum by UP/DOWN Navigation key.</td>
</tr>
<tr>
<td>When camera works in dark night, IR lights will auto work, but IR lights do not light.</td>
<td>IR lights work in dark night, the IR lights will not light, but they are working well.</td>
</tr>
<tr>
<td>On TV OUT mode, only can hear the voice from camera but can not watch the video from it.</td>
<td>When on TV OUT mode, the LCD baby monitor can only receive the voice from the camera, but another LCD had connected with the baby monitor can hear the voice and watch the video from camera.</td>
</tr>
<tr>
<td>Ripple wave on the monitor when the camera works by 3pcs AAA battery</td>
<td>Make sure the battrey' capacity is enough</td>
</tr>
<tr>
<td>Can not pairing up with extra cameras when camera works by 3pcs AAA battery</td>
<td>Make sure the battrey' capacity is enough or the camera works instead of the adapter</td>
</tr>
</tbody>
</table>
# Product Specification

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GENERAL</strong></td>
<td></td>
</tr>
<tr>
<td>Transmission Frequency</td>
<td>2400MHz-2480MHz</td>
</tr>
<tr>
<td>Transmission Power</td>
<td>12dBm</td>
</tr>
<tr>
<td>Operating Frequency</td>
<td>2450 MHz</td>
</tr>
<tr>
<td>Unobstructed Effective Range</td>
<td>250m</td>
</tr>
<tr>
<td>Modulation Mode</td>
<td>FHSS</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0°-60°</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>25°</td>
</tr>
<tr>
<td>Operating Humidity</td>
<td>20%-80%RH</td>
</tr>
<tr>
<td>Imaging Sensor Type</td>
<td>1/4 CMOS</td>
</tr>
<tr>
<td>Picture Total Pixels</td>
<td>628x582(PAL) 510X492(NTSC)</td>
</tr>
<tr>
<td>Horizontal Resolution</td>
<td>360Line</td>
</tr>
<tr>
<td>View Angle</td>
<td>60°</td>
</tr>
<tr>
<td>Minimum Illumination</td>
<td>1.5Lux</td>
</tr>
<tr>
<td>BandWidth</td>
<td>4MHz</td>
</tr>
<tr>
<td>Night Vision Range</td>
<td>3-5m</td>
</tr>
<tr>
<td>Battery Working Time</td>
<td>8 hours</td>
</tr>
<tr>
<td>Motion Detection Distance</td>
<td>&gt;5m</td>
</tr>
<tr>
<td>Sound Control Sensitivity</td>
<td>&gt;60dBA</td>
</tr>
<tr>
<td>Consumption Current</td>
<td>150mA +15mA</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC 5V</td>
</tr>
<tr>
<td>Dimensions(WxDxH)</td>
<td>100<em>86</em>86(mm)</td>
</tr>
<tr>
<td>Frame</td>
<td>25</td>
</tr>
<tr>
<td>Weight</td>
<td>141g</td>
</tr>
<tr>
<td>LCD Screen Type</td>
<td>2.4&quot; TFT-LCD</td>
</tr>
<tr>
<td><strong>RECEIVER</strong></td>
<td></td>
</tr>
<tr>
<td>Effective Pixels</td>
<td>320x240</td>
</tr>
<tr>
<td>Receiving Sensitivity</td>
<td>-85dBm</td>
</tr>
<tr>
<td>Video System</td>
<td>NTSC/PAL</td>
</tr>
<tr>
<td>Battery Working Time</td>
<td>5 hours</td>
</tr>
<tr>
<td>Color Configuration</td>
<td>R.G.B.</td>
</tr>
<tr>
<td>Consumption Current</td>
<td>150mA+15mA</td>
</tr>
<tr>
<td>Power Supply</td>
<td>DC 5V</td>
</tr>
<tr>
<td>Dimensions(WxDxH)</td>
<td>120<em>70</em>22.8(mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>137g</td>
</tr>
</tbody>
</table>