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**JINLIPU®**

**JINLIPU 1415B 5.5" B/W BABY MONITOR  
WITH TV & AM/FM RADIO**



*OWNER'S MANUAL*

*Please read before using this equipment*

**HANGZHOU JINLIPU ELECTRICAL CO.**

Address: No.257, 46 Gao Shao Road Hangzhou, China

Telephone: 0086-571-8088307, 8075612

Cable: 7741

Fax: 0086-8075612

Post Code: 310005

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## 1. IMPORTANT SAFETY MESSAGES

This product cannot replace responsible adult supervision of a child. You should personally check your child's activity at regular intervals.

### 1.1 Before using your wireless baby monitor:

- Read and follow all instructions carefully.
- Read and observe all warnings on the product and in this instruction booklet.

### 1.2 ALWAYS KEEP THE CAMERA, MONITOR AND ADAPTERS OUT OF REACH OF CHILDREN

1.3 It is important that an adult stay within the viewing range of the wireless baby monitor at all times during use.

1.4 Never use the Camera or Monitor near water. For example, do not use near a bathtub, bathroom sink, laundry tub, kitchen sink, in a wet basement, etc.

1.5 Position the Camera, Monitor and adapters to allow adequate ventilation and prevent these components from overheating.

1.6 To prevent overheating, keep the Camera, Monitor and adapters away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) which produce heat. Also keep these components out of direct sunlight.

1.7 Use only the AC adapters provided. Use of any other adapters may damage the Camera and/or Monitor. Plug the AC adapters into standard household current only. To prevent entanglement and overheating, DO NOT use extension cords.

NOTE: Two AC adapters are included with the Wireless Baby Monitor. The AC adapters cannot be used interchangeably. Use only the AC adapters included with the Wireless Baby Monitor: Monitor: 15.5V DC Adapter; Camera: 15V DC Adapter.

1.8 The AC adapters may become warm to the touch during operation. This is normal.

1.9 Position the AC adapter cords so that they are not walked on or pinched by items placed upon or against them. Paying particular attention to cords at AC adapter plugs, wall plugs, and the point at which the cords attach to the Camera and Monitor.

1.10 NEVER ATTEMPT TO OPEN THE CASE OF EITHER THE CAMERA OR MONITOR. THIS IS DANGEROUS AND WILL VOID THE WARRANTY.

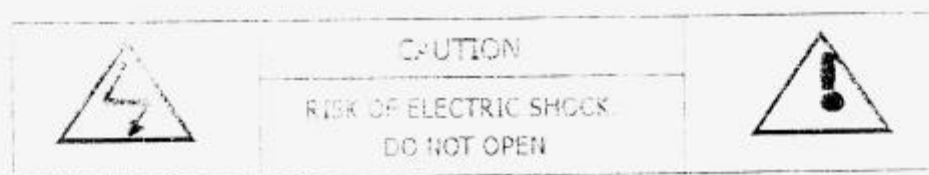
NOTE: The LED's on the Camera emit IR (Infra Red) light that is not harmful.

NOTE: Any modification of the Camera or the Monitor by unqualified personnel will violate FCC compliance and void the warranty.

#### 1.11 MAJOR APPLICATION:

- Manage your house, factory, and warehouse more efficiently.
- Supervise the operation of supermarkets, chain stores, ....
- Monitor public equipment, such as power supply systems, water energy systems, etc.

1.12 WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might create a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

## 2. FEATURES. Your baby monitor includes these features:

- 2.4GHZ Wireless Baby Monitor.
- Sends and receives crisp video and audio wirelessly.
- 2.4GHZ signal avoids interference from crowded 900MHZ band.
- Infrared technology provides a bright view of baby, even in a darkened room.
- With four independent channels, the receiver can receive signals on up to four transmitters and display them in sequence.
- Full channels(VHF/UHF) Television with 2-Band (AM/FM) Radio.
- 1/3" B/W CCD sensor, built-in board lens 3.6mm.
- 380 TV lines 290,000 Pixels.
- Earphone Jack – lets you connect stereo earphones or headphones so you can listen without disturbing others.
- External Audio and Video Output Jacks – let you use the TV/radio to transmit external audio/video signals.
- Power Sources – lets you operate the Monitor System using AC power (using the supplied AC adapter).
- External Antenna Jack – lets you connect a standard TV antenna for improved reception.
- Monitor Antenna – dipole (Omnidirectional). It has effect on Monitor only, but no effect on TV/radio.
- Television Antenna – you can adjust its length, direction and angle to receive a sharp, clear picture and the best sound.
- RADIO/TV Selector – lets you switch between the radio and the TV.
- MONITOR/TV Selector – lets you switch between the monitor and the TV.
- VHF/LO/HI Band Selector – lets you easily select VHF low, VHF high, or UHF TV channels.
- Brightness Control – to adjust the picture when it is too dark or too bright.
- Contrast Control – lets you correct picture contrast that is too weak or too strong.
- Vertical Hold Control – to adjust the picture when it rolls up or down.

### • MONITOR FEATURES:

- 1) Using AC Power – To use AC power, connect the supplied AC adapter's barrel plug to DC 13.5V (DC15V) on the back of the MONITOR (CAMERA). Then plug the adapter's other end into a standard AC outlet.

NOTE: Always unplug the AC adapter from the AC outlet before you unplug it from the MONITOR and CAMERA.

### 2) CONNECTING ANTENNAS

- a) Television Antenna – The built-in telescoping antenna provides good reception of AM/FM, VHF, and UHF broadcast signals. Extend the antenna vertically to its full length for channels VHF – 12.

and UHF . Extend the antenna to a shorter length for the best reception channels VHF – HIGH.

b) Outdoor Antenna – For improved reception, you can connect a standard outdoor VHF/UHF antenna to the EXT.ANT. jack on the back of the TV/radio. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built – up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead – in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

NOTES: Your local RadioShack store has a wide selection of antennas and adapters.

For better reception in your vehicle, you can connect a mobile TV antenna (available at your local RadioShack store ) to the television's EXT.ANT. jack.

3) CONNECTING AN AUDIO/VIDEO SOURCE – You can use your TV/radio to an audio/video source (such as a VCR, camcorder, or laser disc player). Connect the audio/video source's input jack(s) to the AUDIO OUTPUT and VIDEO OUTPUT jack(s) on the back of the TV/radio.

4) CONNECTING EARPHONES OR HEADPHONES – For private listening plug a pair of stereo earphones or headphones with a 1/8 – inch mini – plug (not supplied) into the jack on the side of the TV/radio.

a) Listening safely – To protect your hearing, follow these guidelines when you use earphones or headphones.

Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.

Do not listen at extremely high volume levels. Extended high – volume listening can lead to permanent hearing loss.

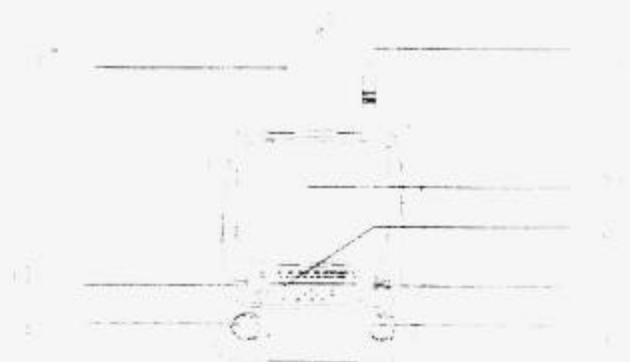
Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

b) Traffic Safety – Do not wear earphones or headphones while operating a motor vehicle or a bicycle. This can create a traffic hazard and could be illegal in some areas.

Even though some earphones and headphones let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.

## 5) TV/RADIO FEATURES

Front View



Back View



Right View

Left View



- 1 TV/RADIO SWITCH
- 2 POWER/VOLUME SWITCH
- 3 TV SCREEN
- 4 TELEVISION ANTENNA
- 5 VIDEO OUTPUT
- 6 CHANNEL SELECTION
- 7 POWER SOCKET
- 8 BRIGHTNESS CONTROL
- 9 V - HOLD CONTROL

- 10 AM/FM (VHF LO VHF HI UHF)
- 11 TUNING CONTROL
- 12 MONITOR ANTENNA
- 13 TV/RADIO TUNING INDICATOR
- 14 AUDIO OUTPUT
- 15 EXT.ANT
- 16 MONITOR, TV SWITCH
- 17 CONTRAST CONTROL
- 18 EARPHONE

NOTE: If you do not follow the jump setting, the Monitor may not be able to receive the signals from the Camera.

### 3> Channel Sequence Display Function

- The Camera is built with a four frequency, you can use four wireless Cameras on 4 different channels. One wireless Monitor can receive up to 4 different frequency signals and display the 4 pictures in sequence.
- Please switch the Dip 1-4 all on, and the Monitor receives the signals from 1-4 every 2 seconds.



### 4> T0,T1 Sequence Timing Function

- When sequence time as "2s" means switch "T0,T1" in the "on" position. As "4s" means switch "T0" in the up position, switch "T1" in the "on" position. As "6s" means switch "T0" in the "on" position, switch "T1" in the up position. As "8s" means switch "T0,T1" in the up position.

### 5> When You Use Sequence Timing Function:

1. Suppose you have 2 Cameras, setup with CH1 and CH2, sequence time as 2s, and when you view the pictures from this 2 channels.
2. Place the CH1 and CH2 in the "on" position.
3. Switch "T0,T1" in the "on" position.
4. When stop Sequence Timing Function to view a CH channel, you can switch which channel you wish to view in the "on" position.

### 6> A Baby Monitor adjustment may eliminate the problem.

- No power for Monitor or Camera:
  - Be sure power adapter is plugged in.
  - Be sure the linking cable is connected.
  - Be sure Monitor and Camera both worked.
  - Be correct each adapter points to Monitor (DC 12.5V) and Camera (DC 15V).
- No picture or sound, interference noisy picture or Audio:
  - Be sure each channel of Monitor and Camera is same.
  - Are you using microwave oven? Please stop using or move it to other place.
  - Be sure the effective distance isn't exceeded.
  - Adjust the positions of Monitor and Camera.

NOTE: If you want to change from one channel to another, you have to change each channel of Monitor and Camera.

## 7) TV OPERATION

### 1. POWER/VOLUME SWITCH.

Rotate POWER/VOLUME SWITCH clockwise until it clicks to turn on the TV/RADIO.



### 2. TV/MONITOR SWITCH – set to the desired band.

Set TV/MONITOR to TV to receive a TV signal, or MONITOR to receive signals from CAMERA connected to the TV radio's AUDIO OUTPUT or VIDEO OUTPUT jack.



### 3. RADIO-TV SWITCH – set RADIO-TV SWITCH to TV



### 4. A MEM (VHF LO VHF HI UHF)

MEM LO – to select VHF low channels

VHF HI – to select VHF high channels

UHF – to select the UHF channels.



### 5. TUNING CONTROL – to the desired station.





6. TELEVISION ANTENNA (7) – adjust for the best picture and sound.

MONITOR ANTENNA (6) – only effect on Monitor System



7. BRIGHTNESS CONTROL – adjust when the picture is too dark or too bright.

CONTRAST CONTROL – adjust when the picture contrast is too weak or too strong.

W – HOLD CONTROL – adjust when the picture rolls up or down



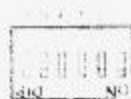
8. POWER/VOLUME SWITCH – to turn on the TV radio, rotate POWER/VOLUME SWITCH counterclockwise until it clicks.



9. AUDIO/VIDEO OUTPUT – Connects to the AUDIO/VIDEO IN of TV or a powered Speaker.



10. CHANNEL SELECTION – Selects channel for Monitor system



11. EXT.ANT – Lets you connect a standard TV antenna for improves reception.



12. POWER SOCKET – Lets you operate the Monitor using AC power.



13. EARPHONE – Connect stereo earphones or headphones



7. TV RECEPTION TIPS – If the image is blurry, unstable or has "snow" (no signal reception), it may be weak and may be caused by poor location or the telecorder's antenna's position and length. Buildings with steel construction can also cause reception problems. Try changing the antenna's position and length. If this does not help, use an outdoor antenna.
- If the image does not fill the screen during battery power operation, the batteries are weak. Replace or recharge the batteries.

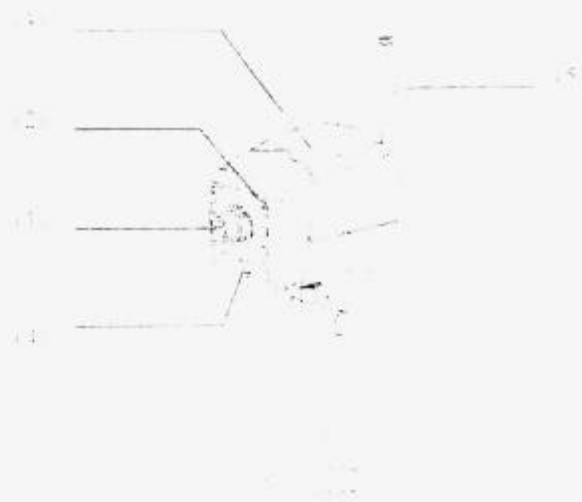
## 8) RADIO OPERATION

1. Rotate POWER/VOLUME SWITCH clockwise until it clicks to turn on the TV/radio.



## 10) CAMERA FEATURES

Front View



Back View



1/3" CCD

IR LED

CCD CAMERA BASE W/WIRELESS AV MODULE

MONITOR ANTENNA

MONITOR ANTENNA

CHANNEL SELECTION

POWER SOCKET



1. POWER SOCKET -- Lets you operate the Camera using DC power



2. CHANNEL SELECTION -- Setting channel for Monitor system



## 11) VIDEO CAMERA WITH ANTENNA

1. Fasten camera mounting rack to the desired location.
2. Fasten antenna and insert power supply.
3. Transmission channel can be chosen by users.

## 12) RECEPTION

Test the video and sound reception at the following time:

1. Before installing wall mount screws for permanent installation.
2. Before initial use.
3. Regularly during use.
4. Whenever changing the location of the camera or Monitor. It is easier for two persons to test reception. One should be with the Camera or monitor. It is easier for two persons to test reception. One should be with the camera while the other moves the Monitor to several different locations.

## 13) INSTALLATION INSTRUCTIONS

1. Test sound quality and video reception in each location in which you intended to use the Monitor.
2. Place the Camera in the appropriate location (on a table top or against a wall). Direct the Camera Lens toward the area you want.
3. Adjust the quality of the picture using the Tuning, Brightness, Contrast and Vertical Hold (V-Hold) adjustment knobs.
4. the camera has Night vision LED's to allow the Camera to clearly see the things, even in a completely darkened room.
5. To test sound reception quality, have a person speak in front of the Camera in both a whisper and a normal conversation level. Keep in mind the monitor's volume.
6. The monitor must be placed far enough away from the Camera to prevent feedback noise from occurring. Usually this means placing the Monitor in a different room than the Camera is in.

## 15) PACKING LIST

- |                               |   |
|-------------------------------|---|
| 1. 14cm B/W Monitor           | 1 |
| 2. 1/3" CCD Camera            | 1 |
| 3. Monitor adapter (DC13.5V)  | 1 |
| 4. Camera adapter (DC15V)     | 1 |
| 5. Accessories: User's Manual | 1 |
| Antenna Adapter               | 1 |

**FCC COMPLIANCE STATEMENT:**

*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.*

**CAUTION:** Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment