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› BOIFUN 5" Baby Monitor User Manual

BOIFUN Baby2S

BOIFUN 5" Baby Monitor User Manual

Brand: BOIFUN

Model: Baby2S

1. PRODUCT OVERVIEW AND FEATURES

The BOIFUN 5" Baby Monitor provides comprehensive monitoring of your baby with both a dedicated parent unit screen and mobile application control. It features 1080p video resolution, two-way audio, night vision, and various detection capabilities to ensure your baby's safety and your peace of mind.

- **Screen and APP Two-Way Control:** The monitor and camera connect via a secure, no-WiFi needed technology for the parent unit, while the camera can also connect to a mobile app via 2.4GHz WiFi. This allows for flexible monitoring whether you are at home or on the go.
- **Noise Detection & Customized Alarm Area:** Receive alerts when noise is detected, with adjustable sensitivity. Define custom zones to be notified if your baby moves out of a designated safe area.
- **Pan-Tilt-Zoom Camera & Auto-Tracking:** The camera offers 350° pan and 60° tilt functionality, allowing you to view the entire room. The auto-tracking feature keeps your baby in frame as they move.
- **Multi-user Monitoring & Two-way Audio:** Share access to the BoifunCam app with family members. The two-way talk function enables you to comfort your baby remotely.
- **Record Precious Moments:** Video can be recorded and exported, preserving important moments.
- **Temperature & Humidity Sensor:** Monitor the nursery environment for optimal comfort.
- **HD Infrared Night Vision:** Provides clear visibility in low-light conditions, ensuring continuous monitoring day and night.



Figure 1.1: BOIFUN 5" Baby Monitor System Overview. The image displays the camera unit, the 5-inch LCD parent unit, and a smartphone screen showing the live feed from the camera. Arrows indicate the 355° pan and 60° tilt capabilities of the camera.

Avoid Any Possible Dangers



Movement Detection



Noise Detection



Cry Detection



BOIFUN

Now

Tips: You received an alarm message from baby.



Figure 1.2: Movement, Noise, and Cry Detection. This image illustrates the monitor's ability to detect various activities, with a smartphone displaying an alert notification for detected noise from the baby.

Busy But Not Neglecting

Support LCD Monitor & Mobile Control



Figure 1.3: Support for LCD Monitor and Mobile Control. The image shows the flexibility of monitoring, with one panel displaying the baby on the parent unit screen and the other showing a user viewing the feed via a mobile app on a smartphone.

Auto Tracking

All-round Protection for Your Baby



Figure 1.4: Auto Tracking Feature. This image highlights the camera's auto-tracking capability, with a baby crawling and the camera in the background indicating its pan and tilt range to follow movement.

You Can Even See Baby's Breath Clearly

1080P HD+ 4xZoom



Figure 1.5: 1080P HD and 4x Zoom. The image demonstrates the high-definition video quality and the 4x digital zoom function, allowing for clear viewing of the baby's details on the monitor screen.

Each Family Members Will Not Miss the Baby's Growth

Support Multi-User Monitoring



Figure 1.6: Multi-User Monitoring. This image shows a couple viewing the baby monitor feed on a smartphone, with smaller inset circles depicting other family members also monitoring, illustrating the multi-user sharing feature.

A Safeguard for Your Sweet Baby 24/7

HD Infrared Night Vision



Figure 1.7: HD Infrared Night Vision. The image displays a baby sleeping in a dark room, with the monitor showing a clear black-and-white infrared view, indicating effective night vision capabilities.

Vox Energy Saving Mode

Smart Standby : Power-Saving and Worry-Free



Figure 1.8: VOX Energy Saving Mode. This image shows two states: a baby sleeping with the monitor screen off (smart standby), and a baby awake with the monitor screen on, demonstrating the power-saving VOX mode.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present and undamaged.

- Baby Monitor (Parent Unit)
- Baby Camera Unit
- Power Adapters (for both units)
- Wall Mount Base
- User Manual (this document)

3. SETUP GUIDE

3.1 Initial Charging

Before first use, fully charge the Parent Unit. Connect the provided power adapter to the Parent Unit and a power outlet. The charging indicator will show the charging status.

3.2 Camera Placement

Place the Baby Camera Unit in a location that provides a clear view of your baby. Ensure it is out of reach of children and pets. The included wall mount base can be used for secure wall installation.

- For optimal night vision, avoid placing the camera directly facing a window or strong light source.
- Ensure the camera is within range of the Parent Unit for a stable connection.

3.3 Powering On and Pairing

The Parent Unit and Camera Unit are pre-paired at the factory. Simply power on both units, and they should automatically connect.

1. Connect the Camera Unit to a power outlet using its dedicated power adapter.
2. Press and hold the Power button on the Parent Unit until the screen turns on.
3. Once both units are powered, they will establish a connection. A live video feed from the camera will appear on the Parent Unit screen.

3.4 Mobile App Connection (Optional)

For remote monitoring via smartphone, download the "BoifunCam" app from your device's app store. The camera connects to the mobile app via 2.4GHz WiFi.

1. Download and install the "BoifunCam" app on your smartphone.
2. Create an account or log in.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or entering a device ID.
4. Ensure your smartphone is connected to a 2.4GHz WiFi network during the setup process.

4. OPERATING INSTRUCTIONS

4.1 Parent Unit Controls

Button/Feature	Function
MENU Button	Accesses the main menu for settings adjustments.
OK Button	Confirms selections in the menu or activates two-way talk.
Directional Buttons (Up/Down/Left/Right)	Navigates menu options and controls camera pan/tilt.
Microphone Button	Press and hold to speak through the camera to your baby.
Volume Buttons	Adjusts the listening volume on the Parent Unit.
Zoom Button	Digitally zooms in/out on the video feed.

4.2 Camera Pan, Tilt, and Zoom

Use the directional buttons on the Parent Unit to remotely adjust the camera's viewing angle. Press the Zoom button to magnify the image.

- **Pan:** Up to 350° horizontally.
- **Tilt:** Up to 60° vertically.
- **Zoom:** Up to 4x digital zoom.

The auto-tracking feature can be enabled in the menu to automatically follow your baby's movement within the camera's field of view.

4.3 Two-Way Audio

To speak to your baby, press and hold the Microphone button on the Parent Unit. Release the button to listen.

4.4 Noise and Motion Detection

Configure sensitivity settings for noise and motion detection in the Parent Unit's menu. When an event is detected, the monitor will alert you.

- **VOX Mode:** Activates the screen and sound when noise is detected, conserving battery.
- **Customized Alarm Area:** Set specific zones within the camera's view where movement will trigger an alert.

4.5 Temperature and Humidity Monitoring

The current room temperature and humidity are displayed on the Parent Unit screen. You can set alert ranges for these parameters in the settings.

4.6 Video Recording and Playback

The monitor supports video recording. Refer to the Parent Unit's menu for options to initiate recording and playback recorded footage. Recorded videos can be exported via the mobile app.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BOIFUN Baby Monitor.

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the Parent Unit and Camera Unit. Do not use abrasive cleaners or solvents.
- **Lens Care:** Gently wipe the camera lens with a microfiber cloth to remove dust or smudges.
- **Battery Care:** For the Parent Unit, avoid extreme temperatures. If storing for extended periods, charge the battery to about 50% and store in a cool, dry place.
- **Storage:** When not in use, store the monitor in a clean, dry environment away from direct sunlight and moisture.

6. TROUBLESHOOTING

If you encounter issues with your BOIFUN Baby Monitor, please refer to the following common solutions:

Problem	Possible Solution
No video/audio on Parent Unit	<ul style="list-style-type: none"> ◦ Ensure both Parent Unit and Camera Unit are powered on. ◦ Check if the Camera Unit's power adapter is securely connected. ◦ Move the Parent Unit closer to the Camera Unit to improve signal. ◦ Re-pair the units if necessary (refer to Setup Guide).

Problem	Possible Solution
Poor video quality / Night vision unclear	<ul style="list-style-type: none"> ◦ Clean the camera lens with a soft cloth. ◦ Ensure there are no obstructions blocking the camera's view. ◦ Avoid placing the camera directly facing strong light sources at night.
No sound or low sound from Parent Unit	<ul style="list-style-type: none"> ◦ Increase the volume on the Parent Unit. ◦ Ensure the microphone on the camera is not obstructed. ◦ Check if VOX mode is too high, causing the unit to remain silent.
Mobile App connection issues	<ul style="list-style-type: none"> ◦ Ensure your home WiFi network is 2.4GHz. ◦ Check your WiFi signal strength at the camera's location. ◦ Restart your router and the camera unit. ◦ Ensure the BoifunCam app is updated to the latest version.
Parent Unit battery drains quickly	<ul style="list-style-type: none"> ◦ Reduce screen brightness. ◦ Enable VOX mode to turn off the screen when no sound is detected. ◦ Ensure the unit is fully charged before use. ◦ Battery life naturally degrades over time.

If the problem persists, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	Baby2S
Video Capture Resolution	1080p
Screen Size	5 inches (Parent Unit)
Connectivity Technology	2.4GHz WiFi (for App), No WiFi Needed (for Parent Unit)
Pan Angle	350°
Tilt Angle	60°
Night Vision Range	33 Feet
Power Source	Corded Electric
Parent Unit Battery	1 Lithium Ion battery (included)
Item Dimensions (L x W x H)	3 x 5.09 x 3 inches
Item Weight	1.72 pounds

Feature	Detail
Material	Plastic
Color	White
Manufacturer	BOIFUN

8. WARRANTY AND SUPPORT

BOIFUN offers a comprehensive after-sales policy to ensure customer satisfaction.

- **Free Returns:** 90 days from the date of purchase.
- **Warranty:** 3-year warranty covering manufacturing defects.
- **Customer Support:** For any inquiries or support needs, you can contact BOIFUN via email or through the BoifunCam APP.

Support Email: admin@boifun.net

Assistance will be provided within 24 hours.