

- Manuals.plus /
- > [GHB](#) /
 - > GHB Baby Monitor ZJ850 User Manual

GHB ZJ850

GHB Baby Monitor ZJ850 User Manual

Model: ZJ850

1. INTRODUCTION

Welcome to the GHB Baby Monitor User Manual. This guide provides comprehensive instructions for setting up, operating, and maintaining your GHB Baby Monitor with Camera and Audio. Please read this manual thoroughly before using the product to ensure safe and optimal performance. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The GHB Baby Monitor system consists of a parent unit (monitor) and a baby unit (camera), designed to provide a secure and clear view of your baby. Key features include a 5-inch HD display, remote pan-tilt-zoom, two-way audio, night vision, and temperature sensing.



Figure 2.1: GHB Baby Monitor System. This image shows the GHB Baby Monitor system, featuring a white 5-inch HD parent unit with an antenna and control buttons, alongside a white pan-tilt-zoom baby camera unit.

2.1. Key Features

- 5-inch HD 720P Display for clear viewing.
- Remote Pan-Tilt-Zoom (PTZ) for comprehensive room coverage.
- Two-Way Audio communication.
- Infrared Night Vision for monitoring in low light conditions.
- Temperature Sensor to monitor room climate.
- VOX (Voice Operated Exchange) mode for sound-activated alerts.
- Long range up to 980ft.
- Support for up to 4 cameras.
- Built-in Lullabies.
- Feeding Reminder Alarms.

3. SETUP

3.1. Unpacking and Components

Carefully remove all components from the packaging. Ensure you have the parent unit, baby unit, and power adapters for both.

3.2. Powering On

1. Connect the power adapter to the baby unit and plug it into a wall outlet. The baby unit does not contain a battery and requires continuous power.
2. Connect the power adapter to the parent unit and plug it into a wall outlet. The parent unit has a built-in 3020mAh rechargeable battery. For first use, fully charge the parent unit.
3. Press and hold the Power button on both units to turn them on.

3.3. Initial Connection

The parent unit and baby unit are pre-paired at the factory. They should automatically connect once both are powered on and within range. If connection issues occur, refer to the Troubleshooting section.

Secure connection to FHSS

The camera has a power button that can be turned off manually when not in use, which is safer.



Figure 3.1: Secure FHSS Connection. The GHB Baby Monitor utilizes FHSS technology for a secure and private connection. The camera unit also has a manual power button for added security when not in use.

4. OPERATING INSTRUCTIONS

4.1. Parent Unit Display

The 5-inch HD display on the parent unit provides a clear view of your baby. The screen shows the live video feed, battery status, signal strength, and temperature.



Figure 4.1: 5-inch IPS HD Screen. The parent unit features a 5-inch IPS HD screen, providing a clear view of your baby. The image illustrates the screen size in relation to the baby's crib.

4.2. Pan, Tilt, and Zoom (PTZ)

Use the directional buttons on the parent unit to remotely control the camera's pan (horizontal), tilt (vertical), and zoom functions. This allows you to adjust the viewing angle without entering the baby's room.

Pan & Tilt

Every corner of the room is in sight



Figure 4.2: Remote Pan & Tilt. The baby camera unit offers remote pan and tilt functionality, allowing you to view every corner of the room. Arrows on the screen indicate the directional control.

720P High Definition



Figure 4.3: 720P High Definition. Experience clear visuals with 720P High Definition video quality, as demonstrated by the sharp image on the left compared to a blurrier 480P image on the right.

Video: Choose GHB baby monitor to make your parenting life easier! This video provides a comprehensive overview of the GHB baby monitor's capabilities, showcasing its remote pan, tilt, and zoom functions for complete room coverage.

4.3. Two-Way Audio

Press and hold the microphone button on the parent unit to speak to your baby through the camera's speaker. Release the button to hear your baby's sounds.

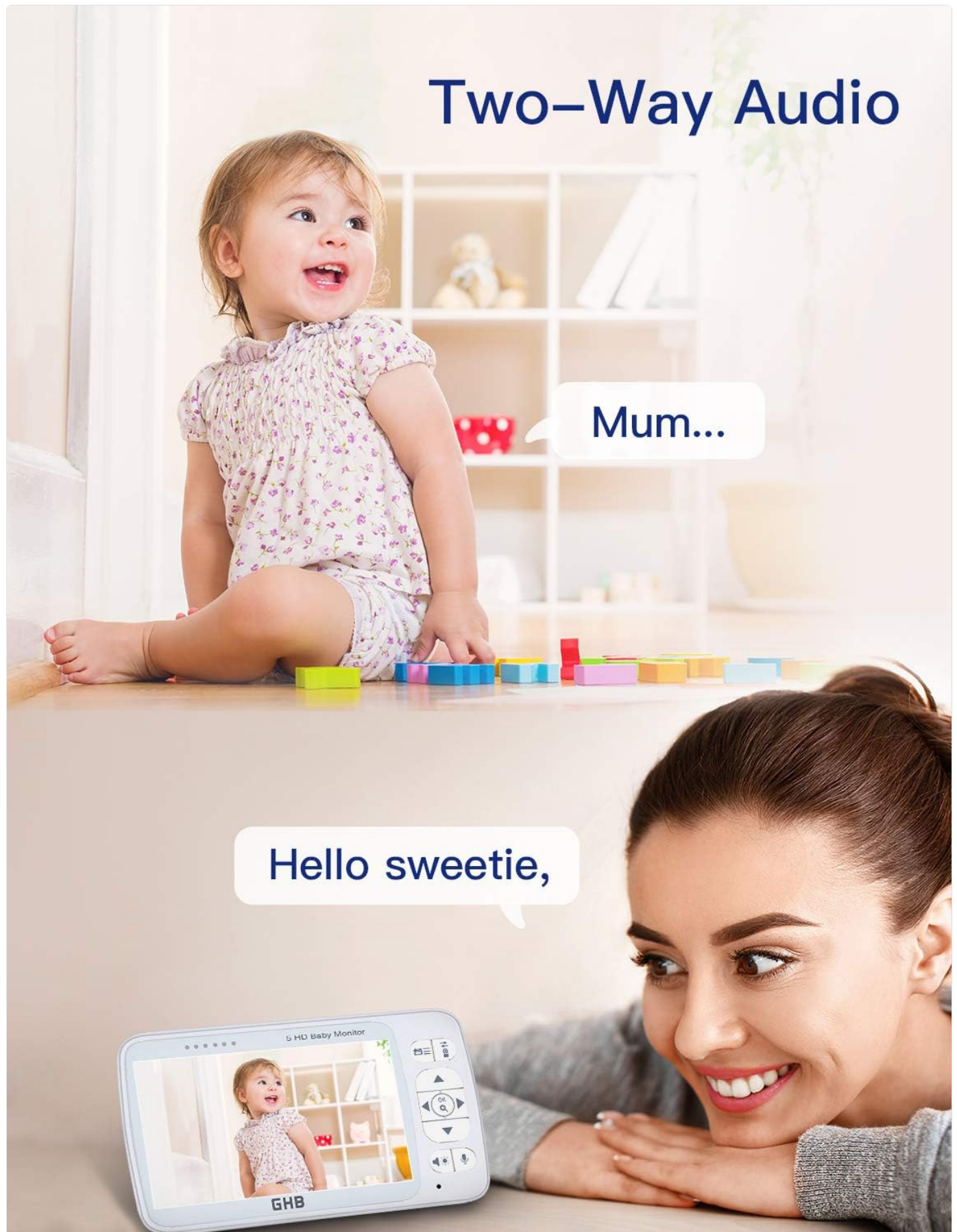


Figure 4.4: Two-Way Audio. The two-way audio feature allows you to communicate with your baby remotely. This image depicts a child saying 'Mum...' and a parent responding 'Hello sweetie,' through the monitor.

4.4. VOX Mode (Sound Activated)

Activate VOX mode to conserve battery and reduce constant audio. In VOX mode, the screen will turn off, and audio will be muted until a sound above a set sensitivity level is detected in the baby's room. The screen will then activate, and an alarm may sound depending on settings.



Figure 4.5: Sound-Triggered Alarms. When VOX mode is enabled, the monitor will trigger an alarm when sound is detected, allowing you to quickly respond to your baby's cries. The image shows a crying baby and an alarm icon on the monitor screen.

4.5. Night Vision

The baby unit automatically switches to infrared night vision in low light conditions, providing a clear black and white image of your baby without disturbing them.



Figure 4.6: Day and Night Vision. The monitor provides clear visibility both day and night. The top image shows a baby sleeping in daylight (Day Vision), while the bottom image shows the same baby in infrared (Night Vision).

4.6. Temperature Monitoring

The baby unit has a built-in temperature sensor that displays the room temperature on the parent unit's screen. You can set temperature alerts to be notified if the room becomes too hot or cold.

4.7. Lullabies

Select from a variety of pre-programmed lullabies to play remotely through the baby unit, helping to soothe your baby to sleep.

4.8. Feeding Reminders

Set customizable feeding reminder alarms on the parent unit to help you keep track of your baby's feeding schedule.

4.9. Multi-Camera Support

The parent unit can connect to up to four baby units (cameras). You can cycle through the connected cameras to view different rooms or angles.



5"IPS Screen



ECO



TWO-Way Audio



Zoom



Feed Alarm



3020mAh
Lithium Battery



HD Camera



Pan-Tilt



VOX



Temp Alert



Cycle Cameras



Lullabies



Figure 4.7: Feature Icons. This image displays various icons representing the features of the GHB baby monitor, including 5-inch IPS screen, ECO mode, Two-Way Audio, Zoom, Feed Alarm, 3020mAh Lithium Battery, HD Camera, Pan-Tilt, VOX, Temp Alert, Cycle Cameras, and Lullabies.

5. MAINTENANCE

5.1. Cleaning

- Wipe the surfaces of both units with a soft, dry cloth.
- Do not use abrasive cleaners or solvents.
- Ensure units are unplugged before cleaning.

5.2. Battery Care (Parent Unit)

- To prolong battery life, avoid fully discharging the battery frequently.
- Charge the parent unit regularly.
- If storing the unit for an extended period, charge it fully every three months.

6. TROUBLESHOOTING

If you experience issues with your GHB Baby Monitor, please refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No picture/sound on parent unit	Units are not powered on or connected.	Ensure both units are plugged in and powered on. Check power adapters.
Poor signal/range	Units are too far apart or obstructions are present.	Move parent unit closer to baby unit. Remove obstacles like thick walls or electronic devices.
VOX mode not activating	Sensitivity setting is too low.	Increase VOX sensitivity in the parent unit settings.
Battery drains quickly	Continuous screen on or frequent VOX activation.	Use VOX mode to turn off screen when quiet. Reduce screen brightness.
Camera not responding to PTZ controls	Connection issue or camera malfunction.	Restart both units. Ensure strong signal. If problem persists, contact support.

7. SPECIFICATIONS

Feature	Detail
Model Number	ZJ850
Screen Size	5 inches
Video Resolution	720P HD
Connectivity	FHSS (Frequency Hopping Spread Spectrum)
Battery (Parent Unit)	3020mAh Lithium Battery
Range	Up to 980ft (line of sight)

Feature	Detail
Pan Angle	350 degrees
Tilt Angle	120 degrees
Power Source	5V DC
Operating Temperature	0°C to 40°C (32°F to 104°F)

8. WARRANTY AND SUPPORT

GHB products are manufactured to the highest quality standards. For warranty information, please refer to the warranty card included with your product or visit the official GHB website. If you encounter any issues or require technical assistance, please contact GHB customer support through the contact information provided on the product packaging or website. Please have your model number (ZJ850) and purchase details ready when contacting support.

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