

GHB ABM780

GHB ABM780 7-inch 1080P IPS Baby Monitor User Manual

Model: ABM780

1. INTRODUCTION

Thank you for choosing the GHB ABM780 7-inch 1080P IPS Baby Monitor. This device is designed to provide reliable and secure monitoring of your baby, offering high-definition video and audio transmission. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.



Image 1.1: GHB ABM780 Baby Monitor components and packaging.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1 x Baby Monitor (Parent Unit)
- 1 x Baby Camera (Baby Unit)
- 2 x Power Adapters (USB-C cables included)
- 1 x User Manual
- Mounting Screws and Wall Plugs (for camera)

2.2 Key Features

- **7-inch 1080P IPS Display:** Provides a clear, stable, and flicker-free image with a wide viewing angle.
- **Extended Battery Life:** 5000mAh battery offers approximately 10 hours of continuous monitoring or up to 360 hours in VOX mode.
- **HD Night Vision:** Infrared night vision allows clear monitoring in low-light conditions without disturbing the baby.
- **Pan-Tilt-Zoom (PTZ) Camera:** Camera can be rotated 350° horizontally and 100° vertically, with 2x and

4x digital zoom.

- **Two-Way Audio:** Communicate with your baby remotely through the monitor.
- **VOX Mode:** Sound-activated mode conserves battery by turning off the screen until sound is detected.
- **Temperature Monitoring:** Built-in sensor displays room temperature on the monitor.
- **Lullabies:** 8 pre-programmed lullabies to soothe your baby.
- **Multi-Camera Support:** Connect up to two cameras to the monitor (additional cameras sold separately).
- **Secure 2.4 GHz FHSS Connection:** Ensures a private and interference-free connection without Wi-Fi or app requirements.
- **Image Capture:** Supports capturing still images to a TF card (up to 32GB, not included). Video recording is not supported.

3. SETUP

3.1 Charging the Monitor

Before first use, fully charge the parent unit (monitor) using the provided USB-C cable and power adapter. The camera unit must always be connected to a power source to function.

Puerto Tipo C y batería de 5000 mAh

360
Horas

VOX activado

10
Horas

VOX desactivado



Carga rápida, batería de larga duración,
uso diario sin preocupaciones y una
experiencia fluida

Image 3.1: The monitor features a USB-C port for charging its 5000mAh battery.

3.2 Camera Placement and Installation

Place the baby camera in a location that provides a clear view of your baby. Ensure it is out of reach of children and away from any cords that could pose a strangulation hazard. The camera can be placed on a flat surface (tabletop) or mounted to a wall.

- **Tabletop Placement:** Simply place the camera on a stable, flat surface.
- **Wall Mounting:** Use the included screws and wall plugs to securely mount the camera to a wall. Ensure the camera is positioned to capture the desired viewing area.

- **Tripod Mounting:** The camera base includes a 1/4-inch screw hole, allowing it to be attached to a compatible tripod or mounting bracket (not included).

Hasta 2 cámaras para una vigilancia completa, todo bajo control



Image 3.2: The system supports connecting up to two cameras for comprehensive monitoring.

3.3 Initial Connection

The monitor and camera are pre-paired at the factory. To establish a connection:

1. Connect the camera to a power outlet using its adapter.
2. Turn on the monitor by pressing and holding the power button.

3. The monitor should automatically display the camera's video feed. If not, refer to the troubleshooting section for pairing instructions.

4. OPERATING INSTRUCTIONS

4.1 Monitor Controls

The monitor features intuitive buttons for navigation and control:

- **Power Button:** Press and hold to turn on/off. Short press to turn screen on/off.
- **Directional Buttons (Up/Down/Left/Right):** Navigate menus and control camera pan/tilt.
- **OK Button:** Confirm selections.
- **Menu Button:** Access settings menu.
- **VOX Button:** Activate/deactivate VOX mode.
- **Microphone Button:** Activate two-way audio.
- **Lullaby Button:** Play/stop lullabies.
- **Zoom Button:** Toggle 2x/4x digital zoom.

4.2 Camera Pan, Tilt, and Zoom

Use the directional buttons on the monitor to remotely adjust the camera's viewing angle. Press the 'Up' or 'Down' buttons to tilt the camera vertically (100° range), and 'Left' or 'Right' buttons to pan horizontally (350° range). Press the 'Zoom' button to cycle through 2x and 4x digital zoom levels.

Pantalla HD de 7 pulgadas y Zoom 4X

Captura cada momento de su bebé: cada expresión facial es claramente visible, no se pierde ningún detalle



Image 4.1: Control the camera's pan, tilt, and zoom functions directly from the monitor.

4.3 Two-Way Audio

To speak to your baby, press and hold the Microphone button on the monitor. Release the button to listen to your baby. The monitor will display a microphone icon when two-way audio is active.

Intercomunicador y comunicación clara

Diseño silencioso, sonido nítido, cada palabra
cálida y directa



Image 4.2: Engage in two-way communication with your baby using the monitor's microphone function.

4.4 VOX Mode (Voice Operated Exchange)

VOX mode helps conserve battery life by turning off the monitor screen when no sound is detected. The screen will automatically turn on when the camera detects sound above a set sensitivity level. Press the VOX button to activate or deactivate this mode. You can adjust the VOX sensitivity in the monitor's settings menu.

Modo VOX

La pantalla se enciende automáticamente al detectar sonidos del bebé, con sensibilidad ajustable para una monitorización atenta en todo momento (Sensibilidad ajustable)



Image 4.3: VOX mode activates the screen only when sounds are detected, saving battery.

4.5 Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing a clear black-and-white image on the monitor. This feature ensures continuous monitoring without the need for additional lighting.

IPS de 7 pulgadas, 1080P HD

Permite monitoreo HD 24/7 para capturar cada momento de tu bebé, día y noche, con claridad y nitidez.



Image 4.4: The 7-inch 1080P IPS display provides clear images day and night, including automatic night vision.

4.6 Lullabies

To play lullabies, press the Lullaby button on the monitor. You can cycle through the 8 available melodies or stop playback using the same button or through the menu.

4.7 Temperature Monitoring

The monitor displays the ambient temperature of the baby's room, detected by a sensor on the camera. You can set temperature alerts in the menu to be notified if the room temperature goes outside a comfortable range.

4.8 Image Capture

The monitor supports capturing still images. Insert a TF card (up to 32GB, FAT32 format, not included) into the monitor's card slot. Refer to the menu for options to capture images. Note that video recording is not supported.



Función de captura inteligente

Graba cada momento adorable de su bebé
Alta definición, inmortaliza cada hito; guarda recuerdos, ¡una experiencia de crianza cálida!

Nota:
No se permite grabar videos.
Admite hasta 32 GB (FAT32). El paquete no incluye la tarjeta.

Image 4.5: The smart capture function allows you to save precious moments as still images.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the monitor and camera. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the monitor frequently. Charge it regularly. If storing for an extended period, charge the battery to about 50% and store in a cool, dry place.
- **Storage:** Store the device in a dry place, away from extreme temperatures and direct sunlight.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image/signal on monitor	Camera not powered on or out of range. Monitor battery low.	Ensure camera is plugged in and powered. Move monitor closer to camera. Charge monitor battery. Re-pair units if necessary (see manual for specific pairing steps).
Poor image quality	Low light conditions (night vision active). Obstructions. Camera lens dirty.	Night vision is black and white; this is normal. Ensure no objects block the camera's view. Clean the camera lens gently with a soft cloth.
No sound or poor audio	Volume too low. Microphone muted. Interference.	Increase monitor volume. Ensure microphone is not muted. Move units away from other electronic devices.
Monitor battery drains quickly	Continuous screen on. VOX mode not active.	Activate VOX mode to conserve battery. Reduce screen brightness.
Camera not responding to pan/tilt/zoom	Connection issue.	Check connection. Power cycle both camera and monitor.

7. SPECIFICATIONS

Feature	Specification
Model Number	ABM780
Display Size	7 inches IPS
Video Capture Resolution	1080p
Wireless Technology	2.4 GHz FHSS
Monitor Battery Capacity	5000 mAh Lithium Ion
Monitor Battery Life (Continuous)	Approx. 10 hours
Monitor Battery Life (VOX Mode)	Approx. 360 hours
Camera Pan Angle	350°
Camera Tilt Angle	100°

Feature	Specification
Digital Zoom	2x, 4x
Max. Supported Cameras	2
Image Storage	TF card up to 32GB (FAT32, not included)
Product Dimensions	21 x 11 x 10 cm
Product Weight	870 g









8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included in your package or contact GHB customer support. If you encounter any issues not covered in the troubleshooting section, please contact GHB customer service for assistance. Contact information for support can typically be found on the product packaging or the official GHB website.

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Related Documents - ABM780

	GHB Baby Monitor ABM780 User Manual User manual for the GHB Baby Monitor, model ABM780. Provides setup instructions, feature explanations, and safety warnings for monitoring your baby.
	GHB ABM800 Baby Monitor User Manual Comprehensive user manual for the GHB ABM800 Baby Monitor, detailing setup, features, safety guidelines, and troubleshooting for optimal parental oversight.
	GHB Baby Monitor ABM809 User Manual Comprehensive guide for the GHB Baby Monitor ABM809, covering setup, features, and safety instructions for optimal use.
	GHB UU24 Baby Monitor User Manual User manual for the GHB UU24 Baby Monitor, providing instructions on setup, operation, features, and troubleshooting. Covers parent unit and baby unit, including safety guidelines, FCC statements, and technical specifications.
	GHB Baby Monitor SM50B User Manual User manual for the GHB Baby Monitor Model SM50B, providing setup instructions, operational guides, safety warnings, and frequently asked questions for this 5-inch HD wireless baby monitor.
	GHB Baby Monitor ABM809 User Manual and Quick Start Guide Comprehensive guide for the GHB Baby Monitor ABM809, covering setup, features, safety instructions, and troubleshooting. Learn how to use your GHB baby monitor effectively.