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motorola MBP855CONNECT

Motorola MBP855CONNECT Portable 5-Inch Color Screen Video Baby Monitor User Manual

Model: MBP855CONNECT

1. Introduction

The Motorola MBP855CONNECT is a portable video baby monitor designed to provide peace of mind by allowing you to monitor your baby from anywhere. It features a 5-inch color screen parent unit for local viewing and Wi-Fi connectivity for remote viewing via compatible smartphones, tablets, and computers using the Hubble app. The system includes one portable, battery-powered camera with remote pan, tilt, and zoom capabilities.



Figure 1: Motorola MBP855CONNECT Parent Unit and Camera Unit.

2. Important Safety Instructions

Please read and understand all instructions before using the product. Keep this user manual for future reference.

- **Strangulation Hazard:** Keep cords out of reach of children. Never place the camera or cords within 3 feet (1 meter) of the crib or playpen. Secure cords to a wall or furniture using cord clips.
- **Choking Hazard:** This product contains small parts. Keep out of reach of children.

- **Heat Exposure:** Do not place the product in direct sunlight or near a heat source.
- **Water and Moisture:** Do not expose the product to water or moisture.
- **Power Sources:** Use only the supplied power adapters.
- **Battery Safety:** Use only the specified battery pack. Do not attempt to replace the battery in the parent unit yourself. Contact customer support for battery replacement.
- **Interference:** Keep the product away from other electrical appliances that may cause interference.
- **Supervision:** This product is intended as an aid. Constant adult supervision is required.

3. Package Contents

- Parent Unit (with 5-inch color screen)
- Baby Unit (camera)
- Power Adapter for Parent Unit
- Power Adapter for Baby Unit
- Quick Start Guide (not included in this manual, but typically in package)
- Rechargeable Battery Pack for Parent Unit (pre-installed)

4. Product Overview

4.1 Parent Unit

The parent unit features a 5-inch diagonal color screen for clear viewing of your baby. It includes controls for various functions such as volume, brightness, two-way communication, and menu navigation.



Figure 2: Parent Unit displaying a split screen view, highlighting the 5-inch color display.

- **5-Inch Color Screen:** Provides a clear video feed.
- **Two-Way Communication:** Allows you to speak to your baby.
- **Room Temperature Display:** Monitors the temperature in the baby's room.
- **LED Sound Level Indicator:** Visual indication of sound activity.
- **Rechargeable Battery:** For portable use.

4.2 Baby Unit (Camera)

The baby unit is a portable, battery-powered camera that can be placed in various locations. It offers advanced features for comprehensive monitoring.



Figure 3: Baby Unit demonstrating remote pan, tilt, and zoom capabilities.

- **Remote Pan, Tilt, and Zoom:** Adjust the camera view from the parent unit or Hubble app.
- **Infrared Night Vision:** Clear video in low light conditions.
- **High Sensitivity Microphone:** Picks up even faint sounds.
- **Lullabies:** Built-in melodies to soothe your baby.
- **Wi-Fi Connectivity:** For remote viewing via the Hubble app.

5. Setup

5.1 Charging the Parent Unit

1. Connect the small plug of the power adapter to the parent unit and the other end to a power outlet.
2. The charging indicator will illuminate. For first-time use, charge the parent unit for at least 16 hours.
3. The parent unit can operate on battery power for up to 2 hours after a full charge.

5.2 Powering the Baby Unit

1. Connect the small plug of the power adapter to the baby unit and the other end to a power outlet.
2. The baby unit will automatically power on.

5.3 Positioning the Baby Unit

Place the baby unit in a location that provides a clear view of your baby. Ensure it is at least 3 feet (1 meter) away from the crib or playpen to avoid strangulation hazards from the power cord.

- **Tabletop Placement:** Place the camera on a flat, stable surface.
- **Wall Mounting:** Use the keyhole slots on the bottom of the camera to mount it to a wall.
- **Tripod Mounting:** The camera can be mounted to a tripod using the star grip.

5.4 Wi-Fi Connection and Hubble App Setup

To enable remote viewing and smart notifications, connect your baby unit to your home Wi-Fi network and set up the Hubble app.

1. Download the Hubble for Motorola Monitors app from the App Store (iOS) or Google Play Store (Android).
2. Open the app and follow the on-screen instructions to create an account and add your camera.
3. Ensure your mobile device is connected to the same 2.4 GHz Wi-Fi network as you intend to connect the baby unit to.
4. The app will guide you through the pairing process, which typically involves scanning a QR code on the camera or entering a code.



Figure 4: Remote viewing of the baby monitor feed on a smartphone via the Hubble app.

6. Operating the Monitor

6.1 Basic Operation

- **Power On/Off:** Press and hold the Power button on the parent unit to turn it on or off. The baby unit powers on automatically when connected to power.
- **Volume Control:** Use the volume buttons on the parent unit to adjust the listening level.
- **Brightness Control:** Adjust the screen brightness via the parent unit's menu settings.

6.2 Two-Way Communication

The two-way talk feature allows you to speak to your baby through the baby unit's speaker.

1. Press and hold the Talk button on the parent unit.
2. Speak clearly into the microphone on the parent unit.

3. Release the Talk button when finished speaking.



Figure 5: Illustration of the two-way talk feature, enabling communication with your baby.

6.3 Remote Pan, Tilt, and Zoom (PTZ)

Control the camera's viewing angle remotely from the parent unit or the Hubble app.

- **Pan/Tilt:** Use the directional buttons on the parent unit to move the camera left, right, up, or down.
- **Zoom:** Use the zoom button on the parent unit to digitally zoom in or out of the image.

6.4 Infrared Night Vision

The baby unit automatically activates infrared LEDs in low light conditions to provide a clear black and white image.

- Night vision works best within a 12-foot range.
- If the night vision sensor needs resetting, shine a bright light into the sensor for approximately 15 seconds.



Figure 6: Demonstrating the clarity of infrared night vision for monitoring in dark conditions.

6.5 Lullabies

The baby unit includes 5 pre-programmed lullabies to help soothe your baby. Access and control lullabies through the parent unit's menu.

6.6 Room Temperature Display

The parent unit displays the ambient temperature of the baby's room, as detected by the baby unit's sensor.

6.7 Alerts and Notifications

- **Out-of-Range Alert:** The parent unit will notify you if it loses connection with the baby unit.
- **Low Battery Alert:** An indicator will show when the parent unit's battery is low.
- **Sound and Motion Notifications (via Hubble App):** Receive alerts on your smartphone or tablet when sound or motion is detected in the baby's room.



Figure 7: Example of a motion detection notification received on a smartphone via the Hubble app.

6.8 Expanding Your System

The system is expandable up to 4 cameras. Additional cameras (Model: MBP88CONNECT) are sold separately.

7. Maintenance

- **Cleaning:** Clean the monitor units with a soft, dry, lint-free cloth. Do not use cleaning sprays or liquid cleaners.
- **Battery Care:** To prolong battery life, fully charge the parent unit before first use. Avoid extreme temperatures. If storing for a long period, charge the battery every 3 months.
- **Disposal:** Dispose of the product and battery according to local regulations. Do not dispose of with household waste.

8. Troubleshooting

Problem	Solution
No picture on parent unit / "Out of Range" displayed.	• Ensure the baby unit is powered on and connected to a power outlet. • Move the parent unit closer to the baby unit. • Check for obstructions between the units (e.g., thick walls, large appliances). • Reset both units by unplugging and re-plugging them.
Picture is black and white.	• This is normal in low light conditions when infrared night vision is active. • Ensure the room is adequately lit if you desire a color image.
Parent unit battery life is short.	• Ensure the parent unit was fully charged for 16 hours before first use. • Reduce screen brightness to conserve battery. • Battery performance may degrade over time. Contact customer support for replacement options.
Cannot connect to Wi-Fi / Hubble app.	• Ensure your Wi-Fi network is 2.4 GHz. The monitor does not support 5 GHz networks. • Check your Wi-Fi password. • Move the baby unit closer to your Wi-Fi router. • Restart your router and the baby unit. • Ensure the Hubble app is updated to the latest version.
Audio feedback (squealing) from parent unit.	• Move the parent unit further away from the baby unit. • Decrease the volume on the parent unit.

9. Specifications

Feature	Detail
Model Number	MBP855CONNECT
Wireless Technology	2.4 GHz FHSS (for local viewing), Wi-Fi (for remote viewing)
Parent Unit Display	5-inch Color LCD
Video Capture Resolution	720p
Night Vision Range	Up to 12 feet (effective)
Operating Range	Up to 1000 feet (line of sight, obstructions reduce range)
Parent Unit Battery Life	Up to 2 hours (active use)
Power Source	Battery Powered (Parent Unit), AC Adapter (Both Units)

Feature	Detail
Dimensions (L x W x H)	9.35 x 15.75 x 2.03 cm (Parent Unit, approx.)
Weight	499 g (approx.)
Expandability	Up to 4 cameras (Model: MBP88CONNECT, sold separately)

10. Warranty and Support

For warranty information, technical support, or to purchase accessories, please refer to the warranty card included with your product or visit the official Motorola Baby website. You can also contact customer service through the Hubble Connected app or website.

- **Manufacturer:** Motorola
- **Place of Business:** INDIANAPOLIS, IN, 46250 US
- **Online Support:** Refer to Hubble Connected support resources.

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