

Welcome...

to your new Motorola Baby Monitor!

Thank you for purchasing the Motorola Video Baby Monitor. Now you can see and hear your baby sleeping in another room or you can monitor your older children in their playroom.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

For product related questions, please call:

+49 (0) 1805 938 802 in Europe

Email: motorola-mbp@tdm.de

This User's Guide provides you with all the information you need to get the most from your product.

Before you can use the baby monitor, we recommend you insert and fully charge the battery in the parent unit, so that it continues to work if you disconnect it from the power supply to carry it to another location. Please read the Safety Instructions on page 6 before you install the units.

Got everything?

- Parent unit
- Camera unit(s)
- Rechargeable Ni-MH battery pack
- Power adapter for the Parent unit
- Power adapter(s) for the Camera unit

In multi-camera packs, you will find one or more additional camera units with power adapter units.



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1. Safety Instructions



WARNING:

STRANGULATION HAZARD - Keep the unit and adapter cord more than 1 metre from the cot out of baby's reach. NEVER place camera or cords within the cot. Secure the cord more than 1 metre away from the baby's reach. Never use extension cords with AC Adapters. Only use the AC Adapters provided.

CAMERA SET UP & USE:

- Determine a location for the CAMERA that will provide the best view of your baby in his cot.
- Place the CAMERA on a flat surface, such as a dresser, bureau, or shelf.
- NEVER place camera or cords within the cot.

WARNING

This baby monitor is compliant with all relevant standards regarding electromagnetic fields and is, when handled as described in the User's Guide, safe to use. Therefore, always read the instructions in this User's Guide carefully before using the device.

- Adult assembly is required. Keep small parts away from children when assembling.
- This product is not a toy. Do not allow children to play with it.
- This baby monitor is not a substitute for responsible adult supervision.
- Keep this user's guide for future reference.
- Do not place the baby unit or cords in the cot or within reach of the baby (the unit should be 1 metre away).
- Keep the cords out of reach of children.
- Do not cover the baby monitor with a towel or blanket.



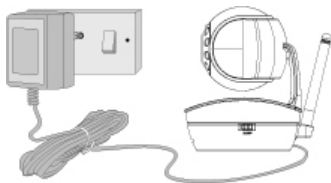
- Never use extension cords with power adapters. Only use the power adapters provided.
- Test this monitor and all its functions so that you are familiar with it prior to actual use.
- Do not use the baby monitor near water.
- Do not install the baby monitor near a heat source.
- Only use the chargers and power adapters provided. Do not use other chargers or power adapters as this may damage the device and battery pack.
- Only insert a battery pack of the same type.
- Do not touch the plug contacts with sharp or metal objects.

CAUTION

*Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the instructions.*

2. Getting Started

2.1 Baby Unit Power Supply



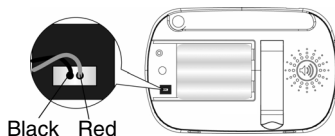
1. Connect the small plug of the power adapter to the baby unit and the other end to the electrical outlet.

NOTE

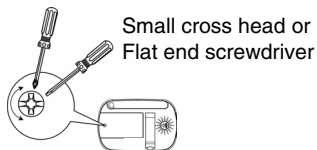
Only use the enclosed power adapter (5.9V DC / 1000mA).

2. Slide the ON/OFF switch to the ON position. The power LED will light up in green.
3. Slide the ON/OFF switch to the OFF position to turn the Baby Unit off.

2.2 Parent Unit Battery Installation



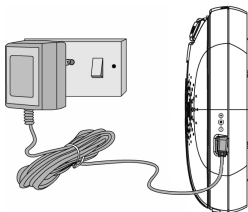
1. Insert the wire tab of the rechargeable battery pack into the contact slot as shown above and fit the battery pack into the compartment.



2. Replace the battery cover over the compartment and gently tighten the screw in a clockwise direction using a Small cross head or Flat end screwdriver.






2.3 Parent Unit Power Supply




IMPORTANT

Installing the rechargeable battery pack and charging it fully before use is recommended. This will allow the unit to operate on battery in the event of a power failure.

1. Connect the small plug of the power adapter to the parent unit and the other end to the electrical outlet. Only use the enclosed power adapter (6V DC/500mA).
2. Press and hold the  POWER ON/OFF button for 1 second to turn ON the parent unit.
3. Once the baby and parent units are switched on, the display on the parent unit will show the video captured by the baby unit.
4. If there is no connection or you are out of range, the video display will go off and the icon  will be shown on the LCD display, and the unit will beep every 5 seconds. Move the parent unit closer to the baby unit until the link is re-established.
5. Press and hold the  POWER ON/OFF button, until the progress bar finishes scrolling, to turn OFF the parent unit.

NOTE

The battery icon  turns RED to indicate that the battery is low, and it needs to be recharged. The battery pack takes about 16 hours to charge fully.

When charging

1. If the parent unit is turned OFF, when the adapter is plugged in, a mains plug logo will display briefly, followed by a large battery icon with internal segments cycling for 45 seconds. The Blue LED in the top left corner lights up to indicate the adapter is plugged in.



2. If the parent unit is turned ON, when the adapter is plugged in, the battery icon in the screen's top right corner will show that the battery is charging by cycling the internal segments, The Blue LED in the top left corner lights up to indicate the adapter is plugged in.

2.4 Registration (Pairing)

The Baby monitor is pre-registered to your Parent Unit. You do not need to register it again unless the Baby Unit loses its link with the Parent Unit. To re-register your Baby Unit, or register a new Baby Unit, follow the procedure below:

1. Press the Menu button of the parent unit and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted, and the / / / menu will pop up.
3. Press the UP button or DOWN button to select , and press the **OK** button to confirm.
4. 1 / 2 / 3 / 4 will pop up, press the UP button or DOWN button to select the desired CAM and press the **OK** button to start searching for a camera unit. The green audio level LED will flash rapidly while searching.
5. Press and hold the PAIR button underneath the baby unit until the parent unit finds the camera, beeps and the video from the camera appears.

NOTE

If a particular Baby Unit was registered previously, registering this current Baby Unit again will overwrite the old registration.



3. Using the Baby Monitor

3.1 Setting up

- Place the baby unit in a convenient location (e.g. on a table) and point the camera lens towards the area you want to monitor.
- Adjust the baby unit's head angle by using the parent unit to pan and tilt the camera up, down, left and right until you are satisfied with the image in the parent unit.

NOTE

Do not place the baby unit within the baby's reach! If there is interference with the picture or sound, try moving the units to different locations, and ensure they are not close to other electrical equipment.

3.2 Pan and Tilt

The camera can be remotely controlled from the parent unit when in normal video mode.

1. Press the ▲ UP button or ▼ DOWN button to tilt upward or downward.
2. Press the ◀ LEFT button or ▶ RIGHT button to pan left or right.

3.3 Night Vision Mode

The baby unit has 8 high-intensity infrared LEDs for picking up clear images in the dark. When the built-in photo sensor detects a low level of ambient light, the LEDs will automatically activate and the screen on the parent unit will display in black and white. The ☾ icon will be displayed on the screen.

3.4 Talk Mode



Press and hold the 🗣️ TALK button on the parent unit to talk to your baby through the baby unit's loudspeaker. The 🗣️ icon will be displayed at the top of the LCD screen.

3.5 Video ON/OFF

Press the 📺 VIDEO ON/OFF key to turn the LCD display on or off, but still leave the audio monitor on.



3.6 Temperature Display

The temperature reading from the temperature sensor at the back of the Baby Unit will be displayed at the top of the LCD screen. The readings will turn RED if the temperature goes above 29°C / 84°F or below 14°C / 57°F. The reading will change to  and icon flashing in red if the temperature goes above 36°C / 97°F. The reading will change to  and icon flashing in red if the temperature goes below 1°C / 34°F.



4. Parent Unit Menu Options

4.1 Volume

1. Press the Menu button and the menu bar will pop up.
2. If necessary, press the LEFT button or RIGHT button until is highlighted.
3. Press the UP button or DOWN button to select the desired volume level from level 1~8. (The default volume level setting is level 4.)

4.2 Brightness

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted.
3. Press the UP button or DOWN button to select the desired brightness level from level 1~8. (The default brightness level setting is level 4.)

4.3 Lullaby

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted.
3. Press the UP button or DOWN button to select the desired song from the 5 lullabies available, or press to play all 5 songs in turn. If an individual song is selected it will play repeatedly. (The default setting is X)
4. Press Menu to return to the normal camera view with the lullaby playing or off, as selected.

Note

If the TALK button is pressed, any lullaby will stop playing automatically.

4.4 Zoom

1. Press the button and the menu option bar pop up.
2. Press the LEFT button or RIGHT button until is highlighted.
3. Press the UP button or DOWN button to select the 1X or 2X zoom. (The default setting is 1X.)



4.5 Alarm

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted.
3. Press the UP button or DOWN button to select the alarm time (6h, 4h, 2h). (The default setting is Alarm .)
If an alarm is set, the parent unit will beep for about 45 seconds after every 6, 4 or 2 hour period, and the alarm icon will flash red.

4.6 Camera Control

4.6.1 Add (pair) a camera

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted, and the menu will pop up.
3. Press the UP button or DOWN button to select , and press the **OK** button to confirm.
4. 1 / 2 / 3 / 4 will pop up, press the UP button or DOWN button to select the desired CAM, and press the **OK** button to start searching for a camera unit. The green audio level LED will flash rapidly while searching.
5. Press and hold the PAIR button under the baby unit until the parent unit finds the camera, beeps and the camera picture appears.

NOTE

A camera can only be registered to one parent unit at a time.

4.6.2 View a camera

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted and the menu pops up.
3. Press the UP button or DOWN button to select , and press the **OK** button to confirm.
4. 1 / 2 / 3 / 4 will pop up, press the UP button or DOWN button to select desired CAM, and press the **OK** button to view the picture from that camera.

TIP

*Press **OK** repeatedly for a quick way to View cameras without the menu.*



4.6.3 Delete a camera

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted, and the / / / menu will pop up.
3. Press the UP button or DOWN button to select , and press the **OK** button to confirm.
4. 1 / 2 / 3 / 4 will pop up, press the UP button or DOWN button to select the desired CAM, and press the **OK** button to select.
5. Press the UP or DOWN button to select **X**, and press the **OK** button to delete that registration.

4.6.4 Scan the cameras

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted, and the / / / menu will pop up.
3. Press the UP button or DOWN button to select , and press the **OK** button to confirm.
4. The screen will then display images from each registered camera in a loop, changing about every 12 seconds.

TIP

Press **OK** repeatedly for a quick way to go to mode without using the menu.

NOTE

If the parent unit is in scan mode and one of the registered cameras is turned off or out of range, the scan will stop at the missing camera (e.g. camera 1) and display while emitting a warning beep every 5 seconds.

WARNING

Check the camera and correct the fault immediately if you are using that camera to monitor your baby.

If you want to continue in camera scan mode without that camera, delete the camera (see 4.6.3 Delete a camera) and start the scan again.

4.7 Temperature

1. Press the Menu button and the menu bar will pop up.
2. Press the LEFT button or RIGHT button until is highlighted.
3. Press the UP button or DOWN button to select °C or °F.



5. Disposal of The Device (environment)

At the end of the product lifecycle, you should not dispose of this product with normal household waste. Take this product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this.



Some of the product materials can be reused if you take them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area.

Dispose of the battery pack in an environmentally-friendly manner according to your local regulations.

6. Cleaning

Clean baby monitor with a slightly damp cloth or with an anti-static cloth. Never use cleaning agents or abrasive solvents.

Cleaning and care



- Do not clean any part of the product with thinners or other solvents and chemicals -- this may cause permanent damage to the product which is not covered by the warranty.
- Keep your baby monitor away from hot, humid areas or strong sunlight, and don't let it get wet.
- Every effort has been made to ensure high standards of reliability for your baby monitor. However, if something does go wrong, please do not try to repair it yourself -- contact Customer Service for assistance.



7. Help

Display

No display

- Try recharging or replacing the battery pack.
- Reset the units. Disconnect the battery pack of the parent unit and unplug both the units' electrical power, then plug them back in.
- Is the unit turned on?
Press and hold the ON/OFF key  on the parent unit to turn it ON.
- Is the correct camera selected?
Change the camera number, if necessary.
- Is the video display turned on?
Press the VIDEO ON/OFF key  to turn it on.
- When operating using batteries, only the Display will go blank after 2 minutes to save power. The unit is still active and will give you audio alerts. You can reactivate the screen by pressing any key.

Registration

If the Baby Unit has lost its link with the Parent Unit

- Try recharging or replacing the battery pack.
- If the Baby Unit is too far away it may be going out of range, so move the Baby Unit closer to the Parent Unit.
- Reset the units by disconnecting them from the battery and electrical power. Wait about 15 seconds before reconnecting. Allow up to one minute for the Baby Unit and the Parent Unit to synchronize.
- See 2.4 Registration (Pairing), if there is a need to re-register the units.



Interference

Noise interference on your parent unit

- Your baby and parent units may be too close. Move them farther apart.
- Make sure there is at least 1 to 2 metres between the 2 units to avoid audio feedback.
- If the baby unit is too far away it may be out of range, so move the baby unit closer to the parent unit.
- Make sure the baby and parent units are not near other electrical equipment, such as a television, computer or cordless/mobile telephone.
- Use of other 2.4GHz products, such as wireless networks (Wi-Fi[®] routers), Bluetooth[®] systems, or microwave ovens, may cause interference with this product, so keep the baby monitor away at least 5ft (1.5m) from these types of products, or turn them off if they appear to be causing interference.
- If the signal is weak, try moving the Parent and/or Baby Unit to different positions in the rooms.



8. General Information

If your product is not working properly....

1. Read this User's Guide or the Quick Start Guide.
2. Contact Customer Service:
+49 (0) 1805 938 802 in Europe
Email: motorola-mbp@tdm.de

To order a replacement battery pack, contact customer service.

Consumer Products and Accessories Limited Warranty ("Warranty")

Thank you for purchasing this Motorola branded product manufactured under license by Binatone Electronics International LTD ("BINATONE").

What Does this Warranty Cover?

Subject to the exclusions contained below, BINATONE warrants that this Motorola branded product ("Product") or certified accessory ("Accessory") sold for use with this product that it manufactured to be free from defects in materials and workmanship under normal consumer usage for the period outlined below. This Warranty is your exclusive warranty and is not transferable.

Who is covered?

This Warranty extends only to the first consumer purchaser, and is not transferable.

What will BINATONE do?

BINATONE or its authorised distributor at its option and within a commercially reasonable time, will at no charge repair or replace any Products or Accessories that does not conform to this Warranty. We may use functionally equivalent reconditioned/ refurbished/ pre-owned or new Products, Accessories or parts.

***What Other Limitations Are There?***

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR OR REPLACEMENT PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA OR BINATONE BE LIABLE, WHETHER IN CONTRACT OR TORT (INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR ACCESSORY, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS OR ACCESSORIES TO THE FULL EXTENT. THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights that vary from one jurisdiction to another.



Products Covered	Length of Coverage
Consumer Products	Two (2) years from the date of the products original purchase by the first consumer purchaser of the product.
Consumer Accessories	Ninety (90) days from the date of the accessories original purchase by the first consumer purchaser of the product.
Consumer Products and Accessories that are Repaired or Replaced	The balance of the original warranty or for Ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this Warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of MOTOROLA or BINATONE, are excluded from coverage.

Use of Non-Motorola branded Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products or Accessories or other peripheral equipment are excluded from coverage.

Unauthorised Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than MOTOROLA, BINATONE or its authorised service centres, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola branded housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products or Accessories due to any communication service or signal you may subscribe to or use with the Products or Accessories is excluded from coverage.

How to Obtain Warranty Service or Other Information?

To obtain service or information, please call:

+49 (0) 1805 938 802 in Europe

Email: motorola-mbp@tdm.de

You will receive instructions on how to ship the Products or Accessories at your expense and risk, to a BINATONE Authorised Repair Centre.

To obtain service, you must include: (a) the Product or Accessory; (b) the original proof of purchase (receipt) which includes the date, place and seller of the Product; (c) if a warranty card was included in your box, a completed warranty card showing the serial number of the Product; (d) a written description of the problem; and, most importantly; (e) your address and telephone number.

These terms and conditions constitute the complete warranty agreement between you and BINATONE regarding the Products or Accessories purchased by you, and supersede any prior agreement or representations, including representations made in any literature publications or promotional materials issued by BINATONE or representations made by any agent, employee or staff of BINATONE, that may have been made in connection with the said purchase.



Technical Specifications**Baby unit (Model: MBP43BU)**

Frequency	2.4GHz to 2.48GHz
Image sensor	colour CMOS 0.3M Pixels
Lens	f 2.5mm, F 2.8
IR LED	8 pcs
Power	Adapter: 5E-AD059100-U; Input: 100-240V, 50/60Hz 300mA; Output: 5.9V, 1000mA OR Adapter: BLJ5W059100P; Input: 100-240V, 50/60Hz 150mA; Output: 5.9V, 1000mA

WARNING

Use only with provided power supply.



Parent unit (Model: MBP43PU)

Frequency	2.4GHz to 2.48GHz
Display	3.5" diagonal TFT LCD
Display colours	16.7M colour LCD
Brightness control	8 steps
Volume control	8 steps

Power Adapter: 5E-AD060050-U; Input: 100-240V, 50/60Hz 300mA; Output: 6.0V, 500mA
OR

Adapter: BLJ5W060050P; Input: 100-240V, 50/60Hz 150mA; Output: 6.0V, 500mA

WARNING

Use only with provided power supply.

OR

Battery: Model - DESAY, Ni-MH AAA 3.6V 900mAh rechargeable battery pack

WARNING

Do not use non-rechargeable batteries for the Parent Unit. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

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**EC Declaration of Conformity**

We the manufacturer / Importer : Binatone Telecom Plc
1 Apsley Way London
NW2 7HF, United Kingdom.

Declare under our sole responsibility that the following product

Type of equipment: Digital Baby Monitor
Model Name: MBP43, MBP43 Twin, MBP43 Triple, MBP43 Quad
MBP43/2, MBP43/3, MBP43/4
Country of Origin: China
Brand: Motorola

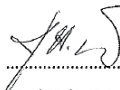

complies with the essential protection requirements of R&TTE Directive 1999/5/EC on the approximation of the laws of the Member States relating to **Radio Spectrum Matters**, the Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to **electromagnetic compatibility (EMC)** and the European Community Directive 2006/95/EC relating to **Electrical Safety**.

Assessment of compliance of the product with the requirements relating to the essential requirements according to Article 3 R&TTE was based on Annex III of the Directive 1999/5/EC and the following standard:

Radio Spectrum: EN301406 v2.1.1(2009-07)
RF safety: EN50371:2002
EMC: EN301489-6 V1.3.1 (2008-08)
EN301489-1 V1.8.1 (2008-04)
Electrical Safety: EN60950-1:2006 + A11:2009 + A1:2010 + A12:2011

The product is labelled with the European Approval Marking CE as show. Any Unauthorized modification of the product voids this Declaration.

Manufacturer / Importer
(Signature of authorized person)



Karl Heinz Mueller/ Chief Technical Officer

London, 5 Feb 2013
Place & Date

