MOTOROLA

USER'S GUIDE

BABY MONITOR

USER'S GUIDE

The features described in User's Guide are subject to modifications without prior notice.

Welcome...

to your new Motorola Baby Monitor!

Thank you for purchasing the MBP26, MBP26/2, MBP26/3, MBP26/4. 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:

U

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

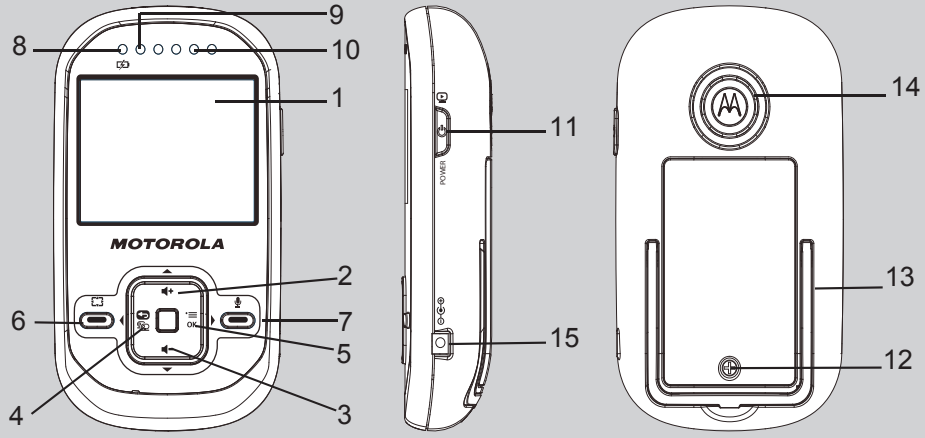
Before you can use the baby monitor, we recommend you insert and fully charge the battery in the parent unit, so that it continues to work if you disconnect it from the power supply to carry it to another location. Please read the Safety Instructions on page 6 before you install the units.

Got everything?

- 1 x Parent unit
- 1 x Baby unit (camera)
- 1 x Rechargeable Ni-MH battery pack for the Parent unit
- 1 x Power adapter for the Parent unit
- 1 x Power adapter for the Baby unit

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

Overview of the Parent Unit

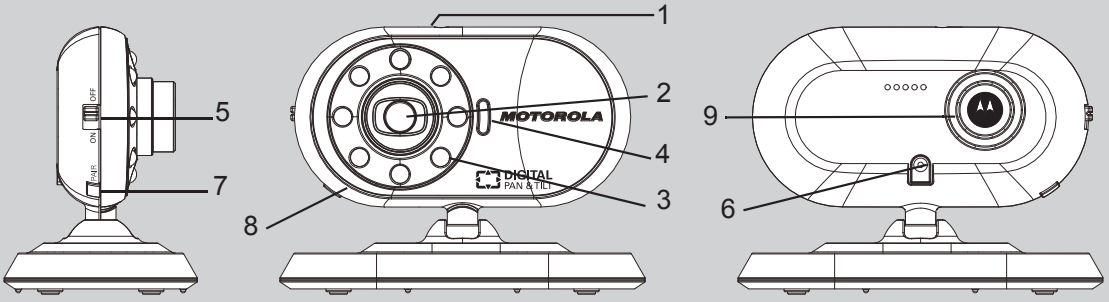


1. Display (LCD screen)
2. Scroll Up/Volume+ Button
3. Scroll Down/Volume- Button
4. Return/Switch Camera Button
Press to return to previous menu level.
Press to switch camera units (if paired with more than one camera).
Press to pan left in digital pan/tilt mode.
5. Menu/OK Button
Press to open the menu options.
Press to confirm a selection.
Press to pan right in digital pan/tilt mode.
6. Digital Pan/Tilt
Press to enter/exit digital pan/tilt mode
7. Talk Key
Press and hold to talk back through the camera.
8. Power indicator LED Blue when mains adaptor power ON.
9. Unit ON/OFF LED (Green)
10. Audio Level LED (Green, Orange, Red, Red)
11. Power / Video On-Off Button
Press and hold to turn the unit ON or OFF.
In monitor mode, press to turn the display On/Off.
12. Battery cover
13. Stand
14. Speaker
15. Power Adapter Socket

Parent unit display icons

	Signal Level Indication (3 Levels)
	Night Vision Mode (Video also changes to Black/White)
	Battery Level Indication (3 Levels)
	Volume Level Control (8 Levels)
	Brightness Level Control (8 Levels)
	Alarm Setting (6h, 4h, 2h, OFF)
	Select Camera
	Add Camera
	Delete Camera
	Digital Pan/Tilt mode On
	Camera scan mode set

Overview of Your Baby Unit



1. Photo Sensor (Night Vision Mode)
2. Camera Lens
3. Infrared LEDs
4. Power LED
5. ON/OFF Switch
6. Power Adapter Socket
7. Pair Key
8. Microphone
9. Speaker

Important guidelines for installing your Baby Monitor

- To use your Video Monitor Baby and Parent Units together, you must be able to establish a radio link between them, and the range will be affected by environmental conditions.
- Any large metal object, like a refrigerator, a mirror, a filing cabinet, metallic doors or reinforced concrete between the Baby and Parent Unit may block the radio signal.
- The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TVs, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
- 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 the Baby Unit to different positions in the rooms.

MOTOROLA

ENGLISH

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1. Safety Instructions

WARNING:

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

CAMERA SET UP & USE:

- Determine a location for the BABY UNIT that will provide the best view of your baby in his cot.
- Place the BABY UNIT on a flat surface, such as a dresser, bureau, or shelf, or wall mount it securely using the keyhole slots under the stand.
- NEVER place the baby unit 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 and cords should be more than 1 meter away).
- Keep the cords out of reach of children.
- Do not cover the baby monitor with a towel or blanket.

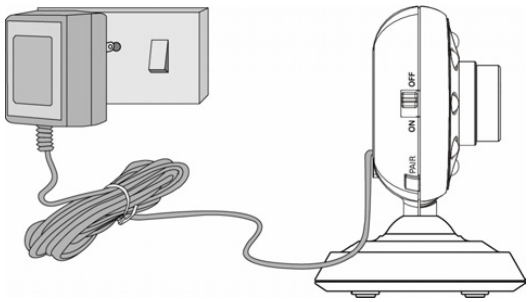
- Test this monitor and all its functions so that you are familiar with it prior to actual use.
- Do not use the baby monitor in moist places or close to water.
- Do not install the baby monitor in extreme cold or heat, or in direct sunlight, or close to a heat source.
- Only use the chargers and power 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.
- Connect the power adapters to easily accessible mains sockets.

CAUTION

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

2. Getting Started

2.1 Baby Unit Power Supply



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

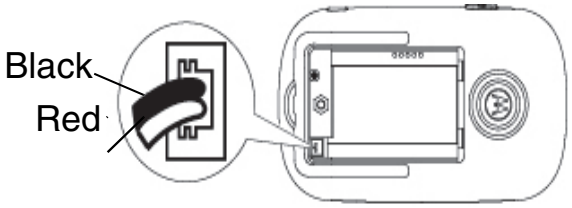
NOTE

Only use the enclosed power adapter (6V DC / 500mA) with the slightly larger DC plug.

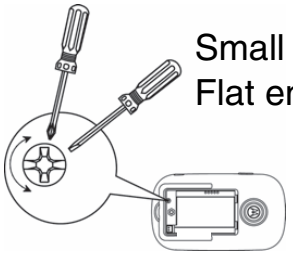
2. Slide the ON/OFF switch to the ON position. The power LED will light up in orange.
3. Slide the ON/OFF switch to the OFF position to turn the Baby Unit off.

2.2 Parent Unit Battery Installation

The supplied rechargeable battery pack should be fitted so the parent unit can be moved without losing the link with the camera. Charge the battery in parent unit before first time use or when the parent unit indicates the battery is low.



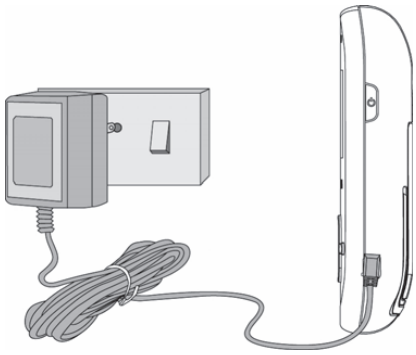
1. Insert the plug of the rechargeable battery pack into the small socket inside the battery compartment as shown above and fit the battery pack into the compartment.



Small cross head or
Flat end screw driver.

2 Place 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, or when moving to a different room.

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) with the slightly smaller DC plug.

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 symbol will flash on the LCD display, and the unit will beep every 9 seconds. (If the unit is on scan the symbol displays.) Move the parent unit closer to the baby until the link is re-established.
5. Press and hold the POWER ON/OFF button, until the progress bar scrolls fully across, to turn OFF the parent unit.

NOTE

The battery icon turns RED and flashes to indicate that the battery is low, and it gives a beep every 16 seconds. The battery needs to be recharged. 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, it displays a "mains plug" icon briefly, then a large battery icon with internal segments cycling for 60 seconds, before the display goes blank, but the unit continues to charge. The Blue LED at top left corner lights up to indicate 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 segments stop cycling when the battery is fully charge. The Blue LED at top left corner lights up to indicate adapter is plugged in.

2.4 Registration (Pairing)

The Baby monitor camera 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 OK button of the parent unit and then press the ▼ DOWN button to select the ADD CAMERA icon , and press the OK button to confirm.
2. 1 / 2 / 3 / 4 will pop up, press the ▲ UP button or ▼ DOWN button to select the desired Camera identification number and press the OK button to start searching for a camera unit. The unit ON/OFF LED turns on while searching.
3. Press and hold the **PAIR** button under the bottom left edge of the camera 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.

If no camera unit is found within about 0 seconds, the search will end and the parent unit will return to its previous mode.

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 rotating 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 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 on the top of the unit 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 at the top of the screen.

3.3 Video ON/OFF

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

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.

4. Parent Unit Menu Options

4.1 Volume

1. While in monitor mode, 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 OK button and the first menu option will appear.
2. To select the BRIGHTNESS icon press the OK button.
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 Digital Pan and Tilt

1. Press the PAN & TILT button.
2. Press the ▲ UP button or ▼ DOWN buttons to move the display view up or down, or press the and OK buttons to pan the display view left and right.

4.4 Alarm

1. Press the OK button and the first menu option will appear.
2. Press the ▼ DOWN button to show the ALARM icon and press OK button to confirm.
3. Press the ▲ UP button or ▼ DOWN button to select the alarm time (6h, 4h, 2h). (The default setting is Alarm **OFF** (X).

   If an alarm time is selected, the parent unit will beep at the end of the selected 6, 4 or 2 hour period, and the alarm icon will flash red. The alarm is cancelled after about 60 seconds or by pressing any button on the parent unit.

   Set the alarm again if you want another alarm call.

4.5 Camera Control

4.5.1 Add (pair) a camera

1. Press the OK button and the first menu option will appear.
2. Press the ▼ DOWN button to select the ADD CAMERA icon and press the OK button to confirm.

3. 1 / 2 / 3 / 4 will pop up, press the ▲ UP button or ▼ DOWN button to select the desired Camera identification number, and press the OK button to start searching for a camera unit. The Green Audio Level LED turns on while searching.
4. Press and hold the **PAIR** button underneath the baby unit until the parent unit finds the camera, beeps and the picture from the camera appears.

NOTE

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

4.5.2 View a camera

1. Press the OK button and the first menu option will appear.
2. Press the ▼ DOWN button to select the VIEW CAMERA icon and press the OK button to confirm.
3. 1 / 2 / 3 / 4 will pop up, press the ▲ UP button or ▼ DOWN button to select the desired Camera unit, and press the OK button to view the picture from that camera.

TIP

Quick Method to View Cameras instead of using the menu.
Directly press repeatedly to select Camera 1 - 4 *or .*

4.5.3 Delete a camera

1. Press the OK button and the first menu option will appear.
2. Press the ▼ DOWN button to select the DELETE CAMERA icon press the OK button to confirm.
3. 1 / 2 / 3 / 4 will pop up, press the ▲ UP button or ▼ DOWN button to select the desired Camera unit, press the OK button then press the ▼ DOWN button to select the DELETE CAM icon ✕ .
4. Press the OK button to confirm the deletion or RETURN button to exit.

NOTE

You cannot delete the camera if it is the only camera paired in the system.

4.5.4 Scan the cameras

1. Press the OK button and the first menu option will appear.
2. Press the ▼ DOWN button to select the VIEW CAMERA icon and press the OK button to confirm. Choose the symbol for scan selection.
3. The screen will then display images from each registered camera in a loop, changing about every 10 seconds.

TIP

Quick Method to View Cameras instead of using the menu.
Directly press repeatedly to select Camera 1 - 4 or .

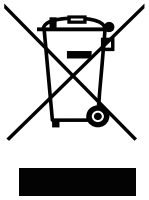
NOTE

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) and display the 3 ? icon while emitting a warning beep every 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 .5. Delete a camera) and start the scan again.

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 the MBP26, MBP26/2, MBP26/3, MBP26/4 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 MBP26, MBP26/2, MBP26/3, MBP26/4 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 MBP26, MBP26/2, MBP26/3, MBP26/4. 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 button 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 button to turn it on.
- When operating using batteries only, the Display will go blank after 4 minutes to save power. The unit is still active and will give you audio alerts. You can reactivate the screen by pressing any button.

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 synchronise
- 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 3 to 6 feet (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 (WiFi® 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:

   UK 0845 218 0890

   ROI 08187 62092

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	**One (1) year** 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:

UK 0845 218 0890
ROI 08187 62092

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: MBP26BU)

Frequency	2.4GHz to 2.48GHz
Image sensor	colour CMOS 0.3M Pixels
Lens	f 2.5mm, F 2.4
IR LED	8 pcs
Power	Adapter: 5E-AD 060050-B; Input: 100-240V, 50/60Hz 150mA; Output: 6V, 500mA OR Adapter: BLJ5W060050P; Input: 100-240V, 50/60Hz 150mA; Output: 6V, 500mA ***WARNING*** *Use only with supplied power supply.*

Parent unit (Model: MBP26PU)

Frequency	2.4GHz to 2.48GHz
Display	2.4" diagonal
Display colors	16M colour LCD
Brightness control	8 steps
Volume control	8 steps
Power	Adapter: 5E-AD 060050-B; Input: 100-240V, 50/60Hz 150mA; Output: 6V, 500mA OR Adapter: BLJ5W060050P; Input: 100-240V, 50/60Hz 150mA; Output: 6V, 500mA ***WARNING*** *Use only with provided power supply.* OR Battery: Model - DESAY Ni-MH AAA 3 x 1.2V 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:	MBP26, MBP26 Twin, MBP26 Triple, MBP26 Quad MBP26/2, MBP26/3, MBP26/4
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.***

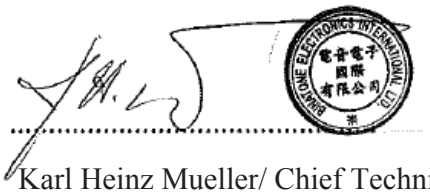
Assessment of compliance of the product with the requirements relating to the essential requirements according to Article 3 R&TTE was based on Annex III of the Directive 1999/5/EC and the following standards / regulations:

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 + A12

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

CE

Manufacturer / Importer
(Signature of authorized person)



Karl Heinz Mueller/ Chief Technical Officer

London, 5 Feb 2013
Place & Date

MOTOROLA

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Version 8.0

Printed in China

Babysense™ 5

Medically approved — Breathing & Movement Monitor

Warnings

Ensure you read this user guide before installing and using the product.
Babysense is a high quality, high sensitivity electronic device which must be handled with care:

- Do not handle roughly, drop or throw.
- Follow the installation instructions carefully to ensure that it is installed securely and correctly.
- Babysense is not a toy. Do not allow children of any age to play with it.
- Do not put any additional baby or pet in the bed. Babysense cannot be used for two infants in one bed.
- You must undertake the performance test daily of the Babysense monitor (as set out on page 3).
- Do not operate a vaporiser or ventilator directly towards the bed.
- To avoid possible danger from sensor cords, ensure that excess cords are pulled back under the mattress, secured with the included cable tie and are not visible or reachable.
- Install 4 new and identical size AA 1.5 volt batteries, preferably alkaline.
- **IMPORTANT:** It is strongly advised that every caregiver learn how to give first aid.

Please note

"Babysense" monitors and alerts, but cannot prevent cessation of breathing. The responsibility for applying first aid rests on caretakers. The "Babysense" senses breathing movements and motion only, and cannot monitor other occurrences. The purpose of the device is to alert when stopping or slowing of breathing and movement occur.

"Babysense" is a unique safety system which has helped save infants, giving parents (or caretaker) assurance, by enabling intervention in the event of irregular breathing movement or distress, before it becomes critical. There are a number of cautionary steps which are internationally recommended for **SAFE SLEEPING**:

* Always lay your baby to sleep on his or her back.
* Refrain from smoking near or around your baby.
* Avoid over-heating the baby's surroundings.
* Do not leave any objects near your baby that can cause suffocation.

Babysense is an addition to these precautions.

"Babysense" is a home breathing movement monitor for basically healthy infants up to one year of age, and is not to be relied on for use with high-risk infants requiring constant medical supervision.

Principal Of Operation

"Babysense" continually detects the baby's motion and breathing movements, and will set off a sound and visual alarm if movement stops for 20 seconds or if the breathing rate slows to below 10 breaths per minute if the baby's breathing. The system's non-touch sensor pads under the mattress monitor baby's movement without restraining him.

Installation

1. Insert, in accordance with the markings, 4 new and identical size AA 1.5 volt batteries, preferable alkaline. Close the battery cover.
Note: Do not mix old and new batteries.
Note: For replacing the batteries, remove the battery cover by inserting a flat screwdriver into the opening recess (see illustration 7).
Note: Please dispose of used batteries in accordance with local waste regulations.

2. Place control unit holder on the base of the crib or bed and in between two bars as shown in illustration 1.

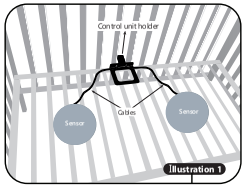

Illustration 1

3. Make sure the sensitivity adjustor, located on the back of the sensor pads, is positioned on level 3 (see illustration 2).

Illustration 2

4. Sensor pad installation:

• When using for an infant not yet able to crawl, place one sensor pad as shown in illustration 3. Make sure the sensor is placed underneath the baby's position in the crib.

• When the baby begins to crawl, and is able to move onto areas not "covered" by a single sensor pad, attach the second sensor and place the two sensors as shown in illustration 3.

PLEASE NOTE: The sensors shall be placed with the marking "THIS SIDE UP" facing upfront.

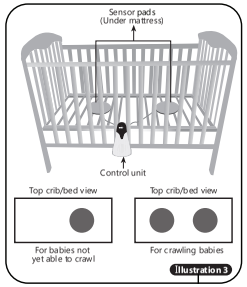

Illustration 3

5. Pass the cord(s) of the sensor pad(s) through special openings in the holder. (see illustration 4)

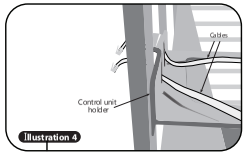

Illustration 4

6. Attach end(s) of the cord(s) to the outlets marked "SENSOR" on the back of control unit (see illustration 5 and 6). When using one sensor pad, attach to either "SENSOR" outlet.

PLEASE NOTE: Do not attach any cable to the blocked socket, marked "DO NOT USE"

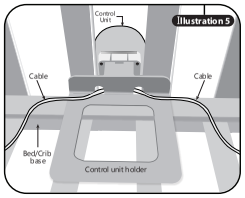

Illustration 5

7. Should the design of the crib/bed not allow proper installation with the control unit holder, please use the optional hanging hook (see illustration 6) and hang the control unit from the bottom edge of the crib.

8. Press control unit holder or hanging hook firmly into slot in back of control unit (see illustration 5 and 6).

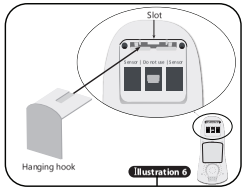

Illustration 6

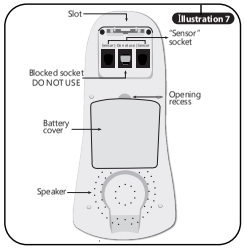

Illustration 7

9. Place mattress firmly on top of sensor pads. If the mattress cannot be in contact with the sensor pads, or if the bed base is soft, padded or contains springs, place extra plywood on the bed base, place the sensor pads on the plywood and place the mattress firmly on top.

IMPORTANT: To avoid possible danger from sensor cords, ensure that excess cords are pulled back under the mattress, secured with the included cable tie and are not visible or reachable.

Layout of control unit

See illustration 8 for layout of control unit featuring:

- On/Off button.
- Blue breathing movement indicator light.
- Acoustic and visual red alarm light.
- Low battery red warning light.

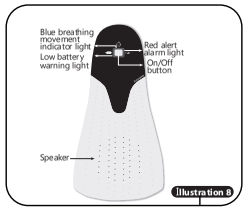

Illustration 8

Operation

"Babysense" is ready for operation and use once the installation is complete. To operate, follow the below instructions:

- Place your baby in the crib/bed.
- Turn control unit on by pressing On/Off button.
- Red control lights switch on briefly and a double click sound is heard.
- When breathing and movement is sensed, the blue light flashes.
- Acoustic any visual red light alarms are activated if the baby's breathing stops or slows significantly.
- If the red low-battery warning light flashes, replace all batteries as soon as possible. If in addition clicking is heard, all batteries must be replaced immediately.
- Turn off by pressing On/Off button before taking your baby out of the crib/bed.

Testing Operation

"Babysense" is a highly sensitive device which monitors baby's breathing movements through the mattress during sleep. There are two main causes of malfunction - technical malfunctions and malfunctions due to environmental factors.

Technical malfunction

In order to minimise technical problems, follow installation and operation instructions carefully.

Environmentally caused malfunction

Due to the high sensitivity of **"Babysense"**, it can be influenced by fans, wind, air conditioning, and so forth. Such environmental effects could be picked up by the sensors on a similar level to that of breathing movements, thus preventing or delaying alarm activation.

Conduct this performance test daily

Do not conduct performance test by picking up baby out of bed and waiting for the alarm to sound

- The performance test should be conducted while the baby is not in bed.
- Turn device on and take two steps back from bed.
- Ensure the alarm goes off within 20 seconds (due to absence of breathing movements).
- The alarm may sound with or without preliminary ticking.
- Check the alarm can be heard in all locations throughout the home or place of care.
- In case the alarm does not sound within 20 seconds refer to troubleshooting at page 5.
- The performance test must be conducted daily.

False alarms

Isolated cases of false alarms are possible. Check if caused by faulty connection of the sensor pad(s) to the control unit, connection of only one sensor pad when the baby can move off the immediate area, connection of two sensor pads far apart from each other when the baby is not crawling yet, or failure of the sensor pads to be directly against the mattress.

In case of false alarms, kindly refer to troubleshooting guide. If the problem cannot be solved, please contact your nearest **BABYSENSE** representative.

In the event of alarm

Act immediately according to the following:
1. Approach the bed and check that baby is breathing. Note pallor (color of skin), muscle tone and movement.
2. If baby does not seem normal, pinch baby's heel and check that there is no cause for choking, such as an object lodged in baby's throat. When breathing resumes, consult a doctor.
3. If breathing does not resume, apply first aid and seek medical assistance immediately.

Troubleshooting Guide

Symptom	Possible Cause	Solution
Lights on Control Unit don't illuminate when turned ON	• Batteries are not inserted correctly or may be flat.	• Check batteries are inserted in the Control Unit observing the correct polarity. • Control Unit requires 4 X AA 1.5V Alkaline batteries (not supplied).
Low battery voltage warning (red light) on the Control Unit	• Batteries low.	• Replace all 4 batteries.
False alarm up to 1/2 minute from activating	• Sensor pad is out of order. • Cable is connected to monitor's blocked socket.	• Connect one sensor pad lay the baby on the bed for 1 minute. If the alarm does not activate, the sensor pad is in order. If the alarm activates, disconnect and place the sensor pad aside. • Connect the other sensor pad and repeat steps above. • Do not connect any cables to the blocked socket (only to "SENSOR" socket).
False alarm after 1/2 minute from activating	• The mattress is not touching the sensor pads.	• Make sure that the mattress and the sensor pads are touching.
	• The mattress is raised (there is an object near the sensor pads).	• Make sure that there are no objects next to the sensor pads
	• Placing two sensors next to each other (or using one sensor) when the baby is of crawling age or using two sensor pads far apart from each other when baby is young and is not crawling yet.	• Connect according to instructions. • It is important to use only one sensor pad when the baby is young and is not crawling yet. • It is important to make sure that two sensor pads are used when the baby is moving around. • Make sure the sensors are placed underneath baby's location in bed/crib.
	• The mattress does not enable transfer of baby movements. (a rigid mattress, a mattress with springs or a mattress with air pockets).	• Place extra plywood under the sensor pad so that the sensor pad and the mattress will be tightly pressed together.
Delayed alarms while taking the baby out of the bed	• Performance test is not correct.	• Do not conduct performance test by picking up the baby out of bed and waiting for the alarm to sound. Kindly conduct performance test according to guidance in page 3.
The alarm does not go off within 20 seconds when performing the correct performance test	• Environmental influences detected by the sensor pads, such as wind, fan, air conditioner, mobile, vibrations.	• Perform a test which will detect the source of the movement that the device detects. For example, sources of wind such as: air conditioner, an open window or a fan; movements of a baby mobile (which can vibrate even if it's not turned on) walking around the bed area or an intercom placed near the bed with intense transmission levels. Solutions: Eliminate sources of wind, remove the mobile etc. After neutralising all environmental influences, perform the test again. If even after neutralising all of the environmental influences, the alarm does not go off within 20 seconds, perform the following: **1.** In the back of the sensor pads (see illustration 1) reduce the sensitivity level to position 2 (on both sensor pads) and perform again the Performance Test. If the alarm sounds within 20 seconds, than keep this sensitivity level. **2.** If the alarm does not go off in time, than reduce the sensitivity level to position 1 and perform again the Performance Test. If the alarm sounds within 20 seconds, than keep this sensitivity level. **3.** If the alarm does not go off in time at this level, than it is suggested using only one sensor pad with the sensitivity level adjusted on position 1. **4. PAY ATTENTION:** Should false alarms sound as a result of reduced sensitivity, than increase the level of sensitivity and perform the Performance Test.

Technical Specifications

- Powered by 4 size AA, 1.5 volt batteries. Power consumption approx. 1mA.
- Battery life approx. 6 months using alkaline batteries.
- Alarm volume typically 85dB SPL at distance of one meter.
- Size of sensor pad is ⦰ 216 mm.

Contents

- Control Unit
- Control Unit Holder
- Optional hanging hook
- 2 Sensor pads
- 2 Cable Ties
- User guide

Please note that the batteries are not supplied.

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 re-used 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 enviormentally-friendly manner according to your local regulations.

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Caring for your babysense

"Babysense" requires no special treatment beyond replacing batteries when the battery indicator light goes on. The sensor pads and control unit may be wiped with a damp cloth.
Batteries should be removed and the device stored in a dry shaded place when not in use.

For additional information, please visit our website :
Website: **www.binatoneonline.com**

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Babysense™ 5

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User Guide

English

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