MOTOROLA

User's Guide
MBP16

Baby Monitor

The features described in this user's guide are subject to modifications without prior notice.

Welcome...

to your new Motorola Baby Monitor!

Thank you for purchasing the MBP16. Now you can hear your baby sleeping in anther room.

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:

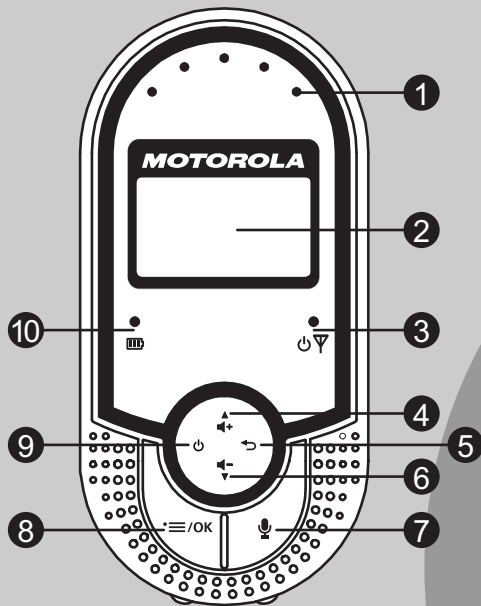|	
Singapore	**+65 68412668**
Email	**support@alcom.com.sg**

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, you MUST insert the battery in the parent unit, and we recommend you fully charge the battery , so that it continues to work if you disconnect it from the mains power to carry it to another location. Please read the Safety Instructions on page 8 before you install the units.

Got everything?

- 1 x Parent unit
- 1 x Baby unit
- 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

Overview of your Parent unit

1 Sound Level Indicators

3 GREEN and 2 RED LEDs turn indicate the audio is being picked up by microphone of baby unit, The more LEDs that light up, the louder the sound is.

If no LED lights up the sound level in baby's room is below the threshold for the parent unit.

The LEDs are also used when adjusting the speaker volume setting on the parent unit, with more LEDs indicating a louder setting, from 0 to 5.

2 LCD Display

3 Link Indicator

On when the parent unit is powered on and linked to the baby unit.

Flashes when the parent unit is out of range of the baby unit.

4 Up / Volume +

In idle mode: Press to increase the speaker volume.
In menu mode: Press to move up the menu list.

5 Back ↺

In menu mode: Press to cancel settings and go back to the previous level.

6 Down / Volume -

In idle mode: Press to decrease the speaker volume.
In menu mode: Press to move down the menu list.

7 Talk ●

In idle or menu mode: Press and hold to talk through
to be baby unit. Release to quit the talk mode.

8 Menu / OK ·≡/OK

In idle mode: Press to access the main menu.
In menu mode: Press to access the sub-menu, or
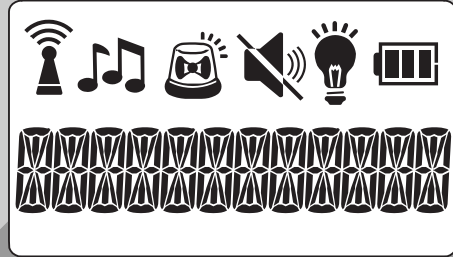confirm the settings.

9 Power

In idle or menu mode: Press and hold to power on/off
the parent unit.

10 Charging Indicator

On steadily when in charging mode.
Flashes when low battery is detected during battery

NOTE operation mode.
The battery pack MUST be installed for the indicator
to be on, and for the parent unit to operate.

Parent Unit Display

Icons Behaviors Description

Icons	Behaviors Description
🎐	On when the parent unit is linked and in range of the baby unit. Flashes when no link or out of range.
🔆	On when night light is enabled. Off when night light is disabled.
🎵	On when a lullaby is playing.
🔇	On when the speaker volume is turned off.
📢	On when the sound alert is enabled. Flashes when the sound alert is triggered.
▭	Battery empty, needs to be charged.
▮▭	1/3 battery level.
▮▮▭	2/3 battery level.
▮▮▮	Full battery level.
▭ ▮▭ ▮▮▭ ▮▮▮	Cycles through when battery is charging.

Menu Structure of Parent Unit

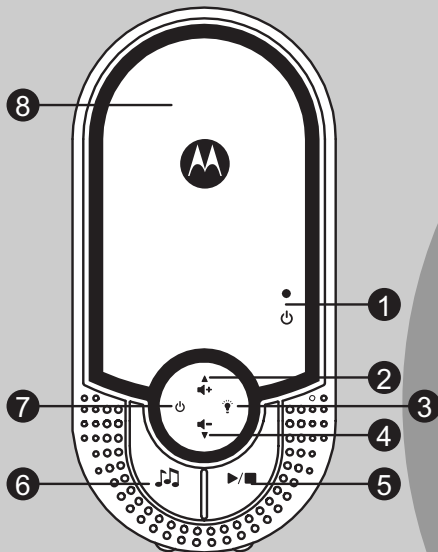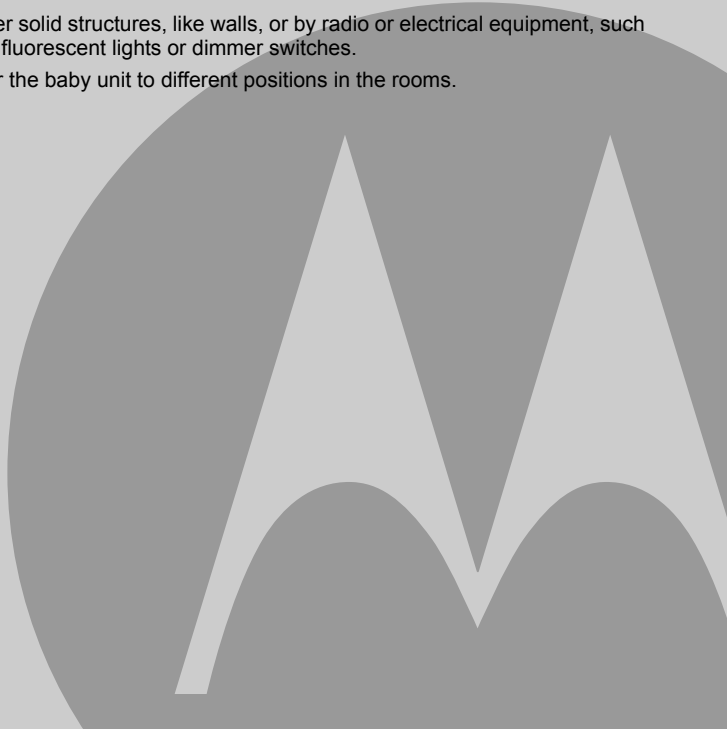| MAIN MENU	LANGUAGE	SOUND ALERT	NIGHTLIGHT	RESET
SUB MENU		ON? (if the current setting is off) or OFF? (if the current setting is on)	ON? (if the current setting is off) or OFF? (if the current setting is on)	CONFIRM?

Overview of your Baby unit

1 Power Indicator
On when the baby unit is switched on.

2 Up / Volume +
Press to increase the speaker volume.

3 Nightlight ☀
Press to turn on/off the nightlight.

4 Down / Volume -
Press to decrease the speaker volume.
Press and hold to reset settings to default.

5 Play / Stop ▶/■
Press to play the lullaby.
Press again to stop playing.

6 Lullaby ♫
Press to select the lullaby and start playing the selected lullaby.
During lullaby playing, press to go to the next lullaby.

7 Power ⏻
Press and hold to power on/off the baby unit.

8 Nightlight Output
On when nightlight is turned on.
Off when nightlight is turned off.

Important guidelines for installing your Baby Monitor

- To use your baby unit and parent unit 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 TV's, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
- If the signal is poor, try moving the parent and/or the baby unit to different positions in the rooms.

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1. SAFETY INSTRUCTIONS

⚠ WARNING:

STRANGULATION HAZARD - Keep the adapter cord out of the baby's reach.
NEVER place the baby monitor or its cord within the cot. Secure the cord some distance away from the baby's reach. Never use extension cords with AC Adapters. Only use the AC Adapters provided.

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.

- Determine a location for the baby monitor that will provide the best audio reception of your baby in his cot.
- Place the baby monitor on a flat surface, such as a dresser, bureau, or shelf.
- NEVER place the baby monitor or its cord within the cot.
- Secure the cord to the wall to keep cord away from the baby's reach.

- Adult assembly is required. Keep small parts away from children when assembling.
- This product is not a toy. Don't 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 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.
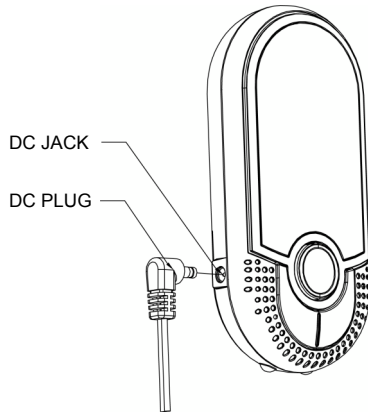
CAUTION

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions. Use only a battery pack with rating: 2.4V 400mAh.

2. GETTING STARTED
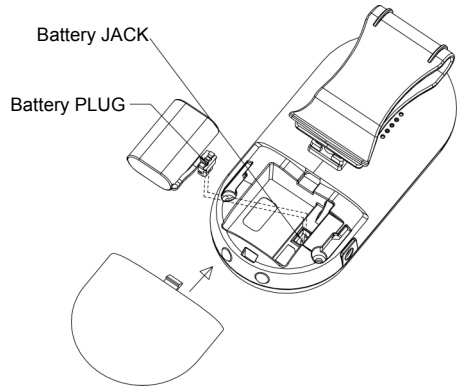
2.1 Baby unit power supply

DC JACK

DC PLUG

1. Insert the small plug of the power adapter into the socket on the side of the baby unit.

2. Connect the other end of the power adapter to the mains socket.

NOTE
Only use the provided power adapter.

2.2 Parent unit battery installation

The parent unit comes with a battery pack. Charge the battery in the parent unit before you use it for the first time or when the parent unit indicates that the battery is low.

Battery JACK

Battery PLUG

1. Turn the belt clip so that it is in the hanging position.

2. Slide off the battery compartment cover.

3. Insert the wired plug of the supplied battery pack into the small socket as shown above, and fit the battery pack into the compartment.

4. Replace the battery compartment cover.

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5. Insert the small plug of the power adapter into the socket on the side of the parent unit.
6. Connect the other end of the power adapter to the mains socket.
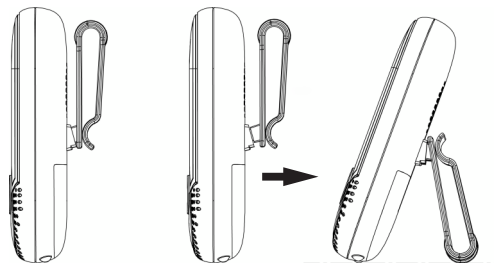7. The **Charging Indicator** comes on.

NOTE
Only use the provided power adapter.

IMPORTANT
The battery must be installed for the parent unit to operate, even with the mains power adapter connected.

2.3   Belt clip on parent unit and baby unit

1. The parent and baby units both have a clip at the back for hanging or standing the unit.
2. In the normal state, you can use the clip to hang the unit on a belt or other location. (Note: you should not hang the baby unit on or too near to the baby.)
3. To change to the stand position, pull the central part of the clip away from the unit and rotate it 180 degrees to the position shown above.

3. USING YOUR BABY MONITOR

Please read these instructions carefully, and be aware that this baby monitor is only intended as an aid. It is not a substitute for responsible, correct parental supervision.

3.1 Power on/off the parent unit

1. When the parent unit is off, press and hold ⏻ until the **Link Indicator** is on. The parent unit is now powered on and will search for and link itself to the baby unit.

2. When the parent unit is on, press and hold ⏻ until the **Link Indicator** turns off. The parent unit is now powered off.

3.2 Power on/off the baby unit

When the baby unit is off, press and hold ⏻ until the **Power Indicator** is on. The baby unit is now powered on.

When the baby unit is on, press and hold ⏻ until the **Power Indicator** turns off. The baby unit is now powered off.

NOTE

Do not place the parent and baby units too close together, or you may hear a high pitched noise. This is not a fault. The units are designed to be operated at some distance apart e.g. in separate rooms.

3.3 Adjust speaker volume

There are 5 volume levels on the baby unit, and 6 levels on the parent unit, including VOLUME OFF.

1. Press ▲⊿+ or ⊿▼ on the parent unit or ▲⊿+ or ⊿▼ on baby unit to adjust the respective volume level.

2. VOLUME OFF will be displayed if the volume of the parent unit is turned off.

Changing the volume setting on the baby unit affects the volume at the baby unit when you use the Talk Back feature and when playing a lullaby.

3.4 Talk Back

You can use the Talk Back feature to comfort and reassure your baby.

Whilst using Talk Back you will not be able to hear your baby until you release the button.

1. Press and hold 🎤 on the Parent unit to speak to your baby. The display on the Parent unit shows Talk.

2. Release the key to hear your baby again.

3.4.1 Adjust talk back volume

The baby unit has 5 volume levels from Level 1 to Level 5.

Press ▲⊿+ or ⊿▼ on the baby unit to increase or decrease the volume respectively.

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NOTE

If a lullaby is playing, it will stop during Talk Back, but will restart from the beginning when the Talk Back ends.

3.5 Temperature

The baby unit constantly monitors the temperature in your baby's room and alerts you if it gets too hot (higher than 39°C) with the display showing "**HIGH TEMP**" or too cold (lower than 14°C) with "**LOW TEMP**".

The temperature is displayed clearly on the parent unit's idle screen. However, it is for reference only, and there may be a small difference between the displayed reading compared with the actual temperature. Therefore, please check the actual temperature in the room against the display reading.

3.6 Lullaby

There are 5 lullabies available to play for your baby to sleep.

1. Press 🎵 on the baby unit to select the lullaby and start playing.
2. During playback, press 🎵 to step between different lullabies.

OR

Press ▶/■ on the baby unit to start playing the selected lullaby. Press again to stop playing.

4. PARENT UNIT SETTINGS

4.1 Set the language

1. Press •≡/OK to access the main menu.
2. Press •≡/OK and ◂₊ or ◂̌ to select your desired language.
3. Press •≡/OK to confirm.

4.2 Sound alert

When sound alert is set on and the parent unit volume is turned off, the parent unit will emit a sound alert when when the noise level from the baby unit exceeds a set limit.

1. Press •≡/OK to access the main menu.
2. Press ◂₊ or ◂̌ to select **SOUND ALERT**.
3. Press •≡/OK to show ON? or OFF?.
4. Press •≡/OK to confirm.

NOTE

The sound alert icon is displayed when the Sound Alert is set on.

* The sound is audible only if the sound level at baby side reaches preset typical sensitivity level.

4.3   Set the nightlight

1. Press •≡/OK to access the main menu.

2. Press ▲+ or ▼- to select **NIGHTLIGHT**.

3. Press •≡/OK show ON? or OFF?.

4. Press •≡/OK to confirm.

NOTE
The Nightlight can also be turned on or off at the baby unit by pressing the <Nightlight> key on the baby unit.

NOTE
The nightlight icon is displayed on the parent unit when the Nighlight is turned on.

4.4   Reset
You can restore all the adjustable settings back to their original factory settings.

1. Press •≡/OK to access the main menu.

2. Press ▲+ or ▼- to select **RESET**.

3. Press •≡/OK to display **CONFIRM?**.

4. Press •≡/OK to confirm the reset.

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 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 environmentally-friendly manner according to your local regulations.

6. CLEANING

Clean your MBP16 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 MBP16 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 MBP16. However, if something does go wrong, please do not try to repair it yourself - contact Customer Service for assistance.

7. TROUBLESHOOTING

Link light on the parent unit does not come on
- Check whether the parent unit is powered on.
- Check whether the supplied battery pack is correctly installed and that it is not drained.
- Recharge the battery in the parent unit by connecting it to the power supply.

Link light on the parent unit flashes
- The parent unit and the baby unit may be out of range with each other. Reduce the distance between the units, but not closer than 1.5 metre.
- The baby unit may be switched off. Press and hold the ⏻ key on the baby unit to switch on the baby unit.

Low battery light on the parent unit flashes
- Battery pack in the parent unit is running low. Connect the parent unit to the mains power with the supplied power adaptor for recharging.

The parent unit beeps
- Lost connection with the baby unit. Reduce the distance between the parent unit and the baby unit, but not closer than 1.5 metre.
- The baby unit may be switched off. Press and hold the ⏻ on the baby unit to to switch on the baby unit.

- Battery pack in parent unit is running low. Connect the parent unit to the mains power with the supplied power adaptor for recharging.

Cannot hear sound or baby cry from the parent unit
- The volume level in the parent unit may be set too low, increase the volume level of the parent unit. Refer to section 3.3 for volume level settings.
- The parent unit and the baby unit may be out of range with each other. Reduce the distance between the units, but not closer than 1.5 metre.

The baby monitor system produces a high-pitched noise
- The parent unit and the baby unit are too close to each other. Make sure the parent unit and baby unit are at least 1.5 metre away from each other.
- The speaker volume of the parent unit maybe set too high. Decrease the volume of the parent unit.

Battery pack in the parent unit is running low quickly
- The volume level of the parent unit may be set too high which consumes more power. Decrease the volume level of the parent unit. Refer to section 3.3 for volume level settings.

Talk back feature is not working
- Check that the volume is loud enough at the baby unit, refer to section 3.3.

8. GENERAL INFORMATION
If your product is not working properly...
1. Read this User's Guide.
2. Visit our website: www.motorola.com
3. Contact Customer Service at

Singapore	+65 68412668
Email	support@alcom.com.sg

To order a replacement battery pack for the parent unit, 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 manufactures 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 authorized 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.

Unauthorized 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 authorized service centers, 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:
Singapore   +65 68412668
Email   support@alcom.com.sg
You will receive instructions on how to ship the Products or Accessories at your expense and risk, to a BINATONE Authorized Repair Center. To obtain service, you must

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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.

9. TECHNICAL SPECIFICATIONS

RF frequency band	1881.792 MHz - 1897.344 MHz
Channels	10
Operating temperature	5°C to 45°C
Baby unit voltage (Adapter output)	6V DC, 450mA <Tenpao S004LB0600045; Salcomp VT0601>
Parent unit rechargeable battery voltage	2.4V 400mAh Ni-MH battery pack <BYD H-2/3AAA400X2-LD25; GP GPRHC043M027>
Parent unit voltage (Adapter output)	6V DC, 450mA <Tenpao S004LB0600045; Salcomp VT0601>

ENGLISH

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Binatone

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:	MBP 16
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)
EMC:	EN301489-6 V1.3.1 (2008-08)
	EN301489-1 V1.8.1 (2008-04)
Electrical Safety:	EN60950-1:2006+A11:2009+A1:2010

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

$C\epsilon$

Manufacturer / Importer
(Signature of authorized person)

London, 10 Apr 11

Signature: (Paul Tsui/ Product Operation   Place & Date :
Director)

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Version 1.0

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