



motorola

Motorola AM21
Digital Audio Baby Monitor



For: AM21 and AM21-2

User Guide

Welcome...

to your new Motorola Baby monitor!

Thank you for purchasing the Digital Audio Baby Monitor. Now you hear your baby sleeping in another 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 as proof of warranty status. Registration is not required for warranty coverage.

For product related questions, please contact us by visit:

motorolanursery.com/support

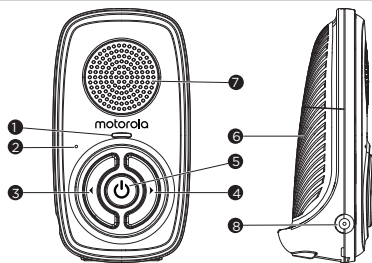
This User Guide provides you with all the information you need to get the most from your product. Please read the Safety Instructions on page 6 before you install the units.

Got everything?

- 1 x Parent Unit
- 1 x Baby Unit
- 1 x Battery door for Parent Unit
- 1 x Power adapter for Parent unit
- 1 x Power adapter for Baby unit

In packs with dual parent units, you will find an additional parent unit with power adapter.

Overview of the Parent Unit



1. Power/Link indicator

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

Flashes when the parent unit is searching the baby unit.

2. Microphone

3. LEFT button ◀

Press to decrease the speaker volume.

4. RIGHT button ▶

Press to increase the speaker volume.

5. Power button ⏻

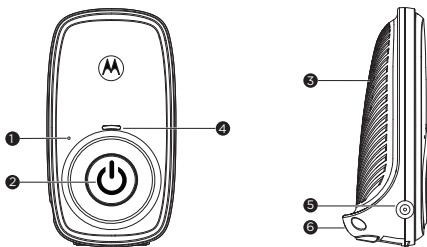
Press and hold to power on/off the parent unit.

6. Battery cover


7. Speaker

8. Power jack

Overview of the Baby Unit



1. Microphone

2. Power button 

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

3. Speaker

4. Power indicator

On when the baby unit is
powered on.

5. Power jack

6. Temperature sensor

Important guidelines for installing your digital baby monitor

- To use your baby unit and parent unit together, you must be able to establish a radio link between them. Note - The range may be affected by environmental conditions.
- Any large metal object, like a refrigerator, a mirror, a filing cabinet, a metallic door or reinforced concrete, between the baby unit 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.
- If the signal is poor, try moving the parent unit and/or the baby unit to a different position in the room.

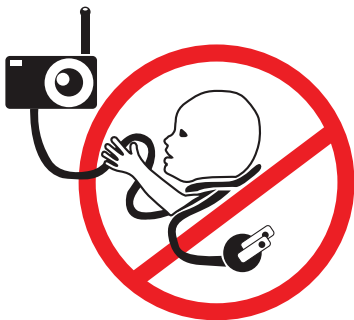
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1. Safety Instructions

WARNING:

Strangulation Hazard. Children have STRANGLED in cords. Keep this cord out of the reach of children (more than 1metre away). Never use extension cords with AC Adapters. Only use the AC Adapters provided.



BABY MONITOR SET UP & USE:

- Determine a location for the BABY UNIT that will allow you to hear your baby in his/her cot.
- Place the BABY UNIT on a flat surface, such as a dresser, bureau, or shelf or mount the Unit to a wall securely using the keyhole slots under the stand.
- NEVER place the Baby Unit or cords within the cot.

WARNING

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

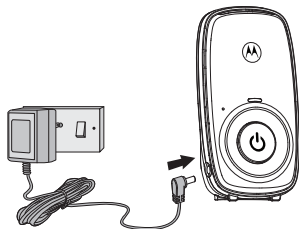
- Adult assembly is required. Keep small parts away from children when assembling.
- This product is not a toy. Do not allow children to play with it.
- This Digital Audio Baby Monitor is not a substitute for responsible adult supervision.
- Keep this User Guide for future reference.
- Keep the cords out of reach of children.
- Do not cover the Digital Audio 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 Digital Audio Baby Monitor in damp areas or close to water.
- Do not install the Digital Audio Baby Monitor in extreme cold or heat, direct sunlight, or close to a heat source.
- Do not touch the plug contacts with sharp or metal objects.
- Connect the power adapters to easily accessible mains power.

CAUTION

There is a risk of explosion if the battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

2. Getting Started

2.1 Baby unit power supply



- Insert the DC plug of the power adapter into the DC jack on the side of the baby unit, as shown.
- Connect the other end of the power adapter to a suitable mains power socket.
- The Power indicator will illuminate.

NOTE

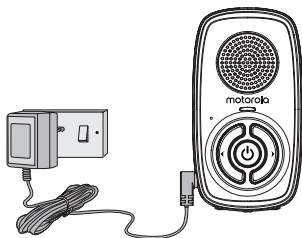
Only use the power adapter provided (DC6/400mA). They are:

*1. Model Number: HJ-0600400P1-EU or HJ-0600400A1-UK
supplied by Shenzhen Huajin Electronics Co., Ltd.*

OR

*2. Model Number: EP19A-060040WXEZ and EP19B-060040WXBA
supplied by DONGGUAN EVEREST INDUSTRIAL CO.,LTD.*

2.2 Parent unit power supply



- Insert the DC plug of the power adapter into the DC jack on the side of the parent unit.
- Connect the other end of the power adapter to a suitable mains power socket.
- The parent unit will turn on.

NOTE

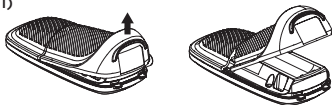
Only use the power adapter provided (DC6/400mA).

2.3 Parent unit battery installation

As an option, the Parent Unit can be powered by alkaline batteries (Size AAA x 2, NOT included), so that it continues to work if you disconnect it from the mains power to carry it to another location. Please follow the steps below to install alkaline batteries.

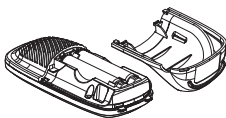
- Open and lift the battery door up as shown in the figure. (Fig.b1)

(Fig.b1)



- Insert the alkaline batteries follow the direction into battery compartment.(Fig.b2)

(Fig.b2)



- Insert the catches at the top of the battery door then close the door as shown in the picture. (Fig.b3)



(Fig.b3)





3. Using Your Digital Audio Baby Monitor

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

3.1 Power on or off the Baby Unit

- Press and hold  to power on the baby unit. The Power indicator will illuminate.
- Press and hold  again to power off the baby unit. The Power indicator will extinguish.

3.2 Power on or off the Parent Unit

- Press and hold  to power on the parent unit. The Power/Link indicator will illuminate.
- Press and hold  again to power off the parent unit. The Power/Link indicator will extinguish.

NOTE

If you place the parent and baby units too close together, 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, so move the units further apart.

If the Power/Link indicator flashes on the parent unit, they are not linked to each other. Make sure that both units are powered on, and reduce the distance between the units, but not closer than 1 metre.

3.3 Speaker volume

You can adjust the speaker volume of the parent unit from Volume 1 to Volume 5, or turn it off.

- Press  or  on the parent unit when it is not in use.

4. Disposal of the Device (environment)

At the end of the product life cycle, 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 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.

5. Cleaning

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

IMPORTANT


Always switch off and disconnect the power adapter before cleaning your Digital Audio Baby Monitor.

6. Troubleshooting


Power/Link Indicator on the parent unit does not come on

- Check whether the parent unit is powered on.

Power/link indicator 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 metre.
- The baby unit may be powered off. Press and hold  to power on the baby unit.
- Replace with new alkaline battery (size AAA x 2).

The parent unit beeps

- The parent unit may have lost connection with the baby unit. Reduce the distance between the parent unit and the baby unit, but not closer than 1 metre.
- The baby unit may be powered off. Press and hold  to power on the baby unit.
- Battery in the parent unit is running low. Replace with new alkaline battery (size AAA x 2).

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 metre.

The Digital Audio Baby Monitor system produces a high-pitched noise

- The parent unit and the baby unit are too close to each other. Make sure that the parent unit and baby unit are at least 1 metre away from each other.
- The speaker volume of the parent unit may be set too high. Decrease the volume of the parent unit. Refer to section 3.3 for volume level settings.

Battery in the parent unit is running low quickly

- The volume level of the parent unit may be set too high, which consumes power. Decrease the volume level of the parent unit. Refer to section 3.3 for volume level settings.

7. General Information

If your product is not working properly, read this Quick Start Guide or the User's Guide of one of the models listed on page 1.

Please contact us by visit: motorolanursery.com.support

Consumer Products and Accessories Limited Warranty ("Warranty")

Thank you for purchasing this Motorola branded product manufactured under license by Meizhou Guo Wei Electronics Co. LTD ("MZGW").

What Does this Warranty Cover?

Subject to the exclusions contained below, MZGW 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.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS THAT VARY BY STATE, PROVINCE OR COUNTRY. FOR CONSUMERS WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS LIMITED WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. FOR A FULL UNDERSTANDING OF YOUR RIGHTS YOU SHOULD CONSULT THE LAWS OF YOUR COUNTRY, PROVINCE OR STATE.

Who is covered?

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

What will MZGW do?

MZGW 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 do 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 MZGW 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 MZGW, 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, MZGW 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 visit us at:
motorolanursery.com.support

You will receive instructions on how to ship the Products or Accessories at your expense and risk, to a MZGW 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 MZGW 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 MZGW or representations made by any agent, employee or staff of MZGW, that may have been made in connection with the said purchase.

Disposal of the Device (environment)

At the end of the product life cycle, 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.

EU Declaration of Conformity (DoC)

Hereby, Meizhou Guo Wei Electronics Co. LTD declares that the product is in compliance with RE Directive 2014/53/EU. The full text of the EU declaration of conformity is available on the website: motorolanursery.com

FCC and IC regulations

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

ISED Warning

This device complies with Innovation, Science, and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d' Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil nedoit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

The baby unit complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. The baby unit should be installed and operated with minimum distance 20cm between the radiator& your body.

The parent unit has been tested and comply with FCC and ISED SAR limits.

Déclaration d'exposition aux radiations:

L'unité bébé est conforme aux limites d'exposition aux rayonnements FCC / ISED établies pour un environnement non contrôlé. L'unité bébé doit être installée et utilisée avec une distance minimale de 20 cm entre le radiateur et votre corps.

L'unité parent a été testée et est conforme aux limites SAR FCC et ISED.

8. Technical Specifications

Baby unit

Frequency	1881.792 - 1897.344 MHz for EU 1921.536 - 1928.448 MHz for USA & Canada
Channels	10 for EU 5 for USA & Canada
Operating temperature	10°C - 40°C
Power supply adapter Rating	Input 100 - 240VAC, 50/60Hz, 200mA Output 6VDC, 400mA

Parent unit

Frequency	1881.792 - 1897.344 MHz for EU 1921.536 - 1928.448 MHz for USA & Canada
Channels	10 for EU 5 for USA & Canada
Operating temperature	10°C - 40°C
Power supply adapter Rating	Input 100 - 240VAC, 50/60Hz, 200mA Output 6VDC, 400mA

Specifications are subject to change without prior notice.

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Version 6 (EN-EU&US)

