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User's Guide

Video Baby Monitor



2" Video Baby Monitor

Roomie20

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



Read these instructions for use carefully and keep them for later use, be sure to make them accessible to other users and observe the information they contain.

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Included in delivery

- 1 x Parent unit (with built-in Li-ion battery)
- 1 x Baby Unit (Camera Unit)
- 1 x Rechargeable Li-ion battery pack for the Baby Unit
- 1 x Battery door for Baby Unit
- 1 x Power adapter for the Parent Unit
- 1 x Power adapter for the Baby Unit
- 1 x User guide

1. Getting to know your devices

Functions of the device

This video baby monitor enables you to see your baby at all times while you pursue activities in rooms or in the garden. The 21 channels ensure a connection that is secure and as free of interference as possible.

The baby unit (portable camera) is equipped with:




- Infrared night vision function
- Wall-mounting fixture
- 1 x rechargeable battery pack

Using the parent unit provides you with the following functions:

- Video monitoring
- Visual sound level indication via LED
- Internal rechargeable battery pack

2. Signs and symbols

The following symbols appear in these instructions for use:

	WARNING	Warning instruction indicating a risk of injury or damage to health
	IMPORTANT	Safety note indicating possible damage to the device/ accessory
	NOTE	Note on important information

3. Intended usage



WARNING

- Only use the camera when you cannot mind your baby directly. It is not a substitute for your own personal, responsible supervision!
- You can also use the camera as a room monitor.
- Improper use can be dangerous.
- The camera is only intended for domestic/private use, not for commercial use.
- Respect the personal rights of others. All persons in the monitored room or who may be in the monitored room should be informed that there is a camera filming the room.

4. Notes



WARNING

Safety notes

- Always position the camera and power cord out of the reach of children. The power cord may cause strangulation or injury to children.
- Keep small parts out of reach of children.
- Keep packaging material away from children (risk of suffocation).
- Never place the camera in the cot or within reach of your child.
- The Unit should be set up and used so that parts of the user's body other than the hands are maintained at a distance of approximately 8 inches (20cm) or more. L'appareil doit être installé et utilisé de sorte que les parties du corps autres que les mains soient à une distance d'environ 20 cm (8 pouces) ou plus.
- Place the camera 1 m away from your baby, in order to minimise the possibility of electrosmog pollution and noise pollution.
- Make sure that cables are not accessible to your child.
- Before use, make sure that the camera functions properly.
- Never submerge the camera in water. Never rinse it in running water.
- Never use the camera in proximity to moisture.
- Do not cover the camera with a towel or cover.
- Only use the mains part plug included in delivery.
- Do not use the cable to pull the mains part plug out of the socket.
- This device may be used by children over the age of eight and by people with reduced physical, sensory or mental skills or a lack of experience or knowledge, provided that they are supervised or have been instructed on how to use the device safely and are fully aware of the consequent risks of use.
- Children must not play with the device.
- Cleaning must not be performed by children unless supervised.
- Do not pull, twist or bend the mains cable.
- Pull out the mains part plug in the case of operational faults before the cleaning process and when the device is not in use.
- The camera and the mains part plug must not come into contact with hot surfaces or sharp-edged objects.
- Do not use any additional parts that are not recommended by the manufacturer or offered as accessories.



NOTE

- Repairs must only be carried out by customer services or authorised suppliers. Under no circumstances should you open or repair the camera yourself, as faultless functionality can no longer be guaranteed thereafter. Failure to comply will result in voiding of the warranty.
- If you should have any questions about using the camera, please contact either your retailer or customer services.



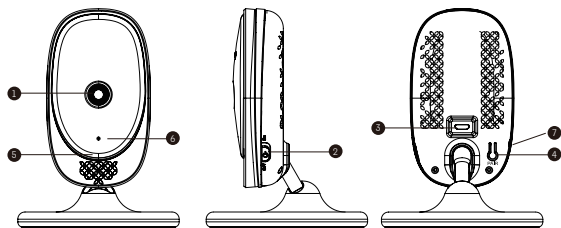
WARNING

Safety notes on handling batteries

- If a battery has leaked, put on protective gloves and clean the battery compartment with a dry cloth.
- If your skin or eyes come into contact with fluid from the battery cell, flush out the affected areas with plenty of water and seek medical assistance.
- Risk of explosion! Never throw batteries into a fire.
- Do not disassemble, split or crush the batteries.
- Batteries must be charged correctly prior to use. The instructions from the manufacturer and the specifications in these instructions for use regarding correct charging must be observed at all times.

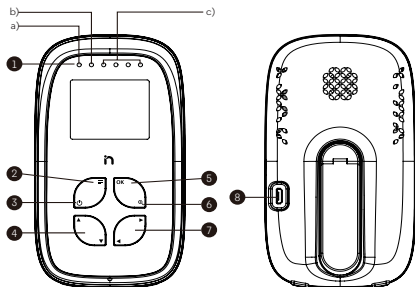
5. Unit description

5.1 Baby Unit (Camera)



















1. Camera lens	5. Function light
2. On/off switch	6. Microphone
3. Power socket	7. Light sensor
4. Pair button (press to link the Baby Unit to a Parent Unit)	

5.2 Parent Unit (Monitor)



<p>1. Power and sound level indicator via LEDs a) Blue (mains power on) b) Green (parent unit on) c) Green-Orange-Red-Red (sound level indicators with more LEDs for louder sound, and rapid flashing green indicates pairing mode)</p>	<p>5. OK button</p>
<p>2. Main menu button - press to enter/exit menu mode.</p>	<p>6. Digital zoom button</p>
<p>3. On/off button - press and hold to turn the unit ON/OFF. - press to turn the video screen OFF/ON.</p>	<p>7. Left and right button</p>
<p>4. Up and down button</p>	<p>8. Power socket</p>

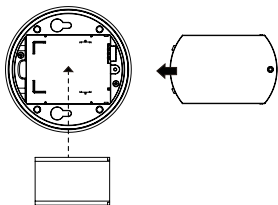
5.3 Display description

	<p>Signal strength </p> <p>Camera power mode AC/battery </p> <p>Camera patrol mode </p> <p>Camera identification number </p> <p>Speaker on / off </p> <p>Zoom menu / mode </p> <p>Night vision </p> <p>Alarm timer </p> <p>Parent Unit battery status </p> <p>Brightness </p> <p>Speaker volume </p> <p>Video on timer </p> <p>Add camera </p> <p>Delete camera </p> <p>View camera </p>
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6. Initial use

6.1 Initial use of baby unit (camera)

- Open the cover on the rear of the baby unit and insert the battery included in delivery inside the battery compartment, then replace the cover.
- Place the camera on a level, firm surface and point the camera lens at the area that you wish to monitor. Ensure that there are no other electrical devices in the proximity of the camera.



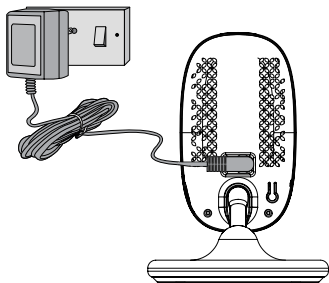
WARNING

Do NOT position the camera within reach of the baby!

- Insert the small end (USB) of the camera mains plug into the USB socket in the back of the camera.
- Insert the other end of the mains plug into a suitable mains socket.

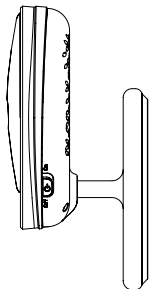


NOTE



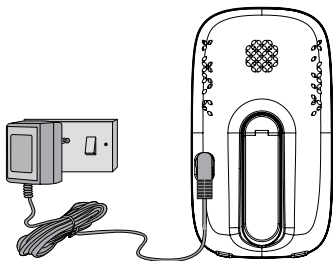
Only use the power adapter provided.

- Move the ON/OFF switch to "ON" to switch on the camera. The function light on the camera will glow blue.
- Push the ON/OFF switch downwards to switch off the camera.
- Wall mounting - fix the unit securely to a wall using suitable screws with the keyhole slots under the camera stand.



6.2 Initial use of parent unit with battery

- Insert the small end (USB) of the parent unit mains plug into the USB socket in the back of the parent unit.
- Insert the other end of the mains plug into a suitable mains socket. The blue light above the top left of the screen will turn on to indicate mains power is connected.



- Press and hold the ON/OFF button (hold for 2 seconds) to switch on the parent unit. The green light above the top left of the screen will turn on to indicate the parent unit is turned on. If the camera is already switched on, the image from the camera will automatically appear on the screen. If the camera is not in range or is switched off, the parent unit beeps repeatedly and the following symbol appears on the monitor:



NOTE

Only use the power adapter provided.




TIP

The initial charge of the parent and baby unit are important. To do it right, charge your new parent and baby unit for at least 12 hours before using them for the first time.

7. Operation

7.1 Infrared night vision

- In order to ensure that clear transmission images can be seen on the screen even when it is dark, the video baby monitor automatically activates the infrared night vision in the dark. When the infrared night vision is active, a moon symbol  is shown on the screen, and images are black and white.

7.2 Setting the volume

The parent unit has 8 volume levels + off.

- To adjust the volume, press the ▲ UP or ▼ DOWN button, while in monitor mode.

7.3 Setting the brightness

The parent unit has 8 brightness levels.

- To adjust the brightness, press the ► RIGHT or ◀ LEFT button, while in monitor mode.

7.4 Settings menu

You can adjust the following settings in the menu of the parent unit: zoom function, alarm, video on timer, add/delete/ view camera and alternating camera image.

- To access the settings menu, switch the parent unit on and press the menu  button.

The first of the following menu options appears on the screen.




You can navigate through the menu using the ▲ UP or ▼ DOWN buttons, and press OK to select an option.



7.5 Digital Zoom

The parent unit has a zoom function to increase the size of the transmission image.

To activate the zoom function, use the Zoom key or the Menu options:








- Press the zoom key , now you can use the UP/DOWN/LEFT/RIGHT keys to pan the view.

OR

- In the menu mode, press the UP/DOWN keys to select the , then press **OK**.
- Use the UP/DOWN keys to select [x1]/[x2] for the zoom function you require, then press **OK**.
- Press the menu key  to exit from the menu mode.

7.6 Alarm








You can set an alarm on the parent unit - this will sound on the parent unit after 2, 4 or 6 hours, as selected. The alarm will sound for about 1 minute when the time is reached, or can be stopped by pressing any button, and the next time period will start. To activate an alarm, proceed as follows:

- Press the menu  button.
- In the menu mode, press the UP/DOWN keys ( / ) to select  and press **OK**.
- Use the UP/DOWN keys ( / ) to select the time period after which you wish the alarm to sound.
- Confirm using the **OK** button.
- Press the menu  button to return to the main screen.

7.7 Video on timer










The video screen default is for ON all the time, but you can set the screen to automatically turn off if no buttons are pressed for periods 5 mins, 15 mins and 30 mins.

Note: The audio will still sound when the video turns off.

- In the menu mode, press the UP/DOWN keys ( / ) to select  and press **OK**.
- Use the UP/DOWN keys ( / ) to select the time period after which the screen should switch off automatically (5 min, 15 mins or 30 mins).
- Confirm using the **OK** button.
- You can cancel the standby mode by selecting the  icon.
- Press the menu  button to return to the main screen.



7.8 Add camera

To add a compatible camera to the parent unit, proceed as follows:

- In the menu mode, press the UP/DOWN keys ( / ) to select the add camera icon  and press **OK**.
-     appear on the screen.
- Use the UP/DOWN keys ( / ) to select a number and confirm with the **OK** button. The first green, sound level indicator light will flash rapidly while the parent unit searches for a camera.
- Now hold down the PAIR button on the rear of the camera until an acoustic signal is heard and the transmission image from the camera that has been added appears on the screen.

7.9 Delete camera

If you wish to delete the connection to a camera, proceed as follows:




- In the menu mode, press the UP/DOWN keys (▲ / ▼) to select the delete camera icon  and press **OK**.
-  appears on the screen.
- Use the UP/DOWN keys (▲ / ▼) to select the number of the camera that you wish to delete.
- Confirm using the **OK** button.
- Press DOWN (▼) to select [X], and then OK to confirm the delete.

Note : you cannot delete a camera if it is the only unit paired to the parent unit.

- Press the menu  button to return to the main screen.

7.10 View camera

If you have more than one camera paired with the parent unit, to select the transmission image from a camera, proceed as follows:

- In the menu mode, press the UP/DOWN keys (▲ / ▼) to select the view camera icon  and press **OK**.
-  appear on the screen.
- Use the UP/DOWN keys (▲ / ▼) to select the number of the camera that you wish to view, or the scan icon to view each paired camera in turn at about 20 second intervals.
- Confirm using the **OK** button.
- Press the menu  button to return to the main screen.

7.11 Switching camera view

If you have multiple cameras registered, the "switching camera view" function is available.

When in normal monitor viewing mode, simply press **OK**, and the camera view from the next paired camera appears on the screen, with the camera number or scan shown on the status bar. Each press of **OK** steps through any paired cameras and the scan/patrol option.

8. Useful information about the baby monitor

- If you operate the parent unit with the battery, this minimizes electro smog from electrical and magnetic alternating fields.
- You can increase the range of the baby monitor by positioning the camera as high up as possible near a door or window and by ensuring that the battery is not too weak.
- Other radio waves may possibly interfere with the transmission of the baby monitor. Therefore, do not position the baby monitor near devices such as microwaves, Wi-Fi, WLAN etc.
- The following other factors can interfere with the baby monitor's transmission or shorten its range: other electrical equipment, furniture walls, houses, trees, environmental factors (such as fog, rain).

9. Maintenance and cleaning

Remove the battery from the baby unit if the video baby monitor is not in use for an extended period.

The service life of the baby and parent unit depend on careful use:



WARNING

- You will get the maximum capacity from your battery if you run down the battery at least once every six months. To do this, disconnect the baby and parent unit from the mains and run the battery down through normal use. Then fully charge the battery up again.
- The maximum battery capacity can only be reached after it has been charged several times and is dependent on many factors (battery state, ambient temperature, and frequency of charging, etc.).
- Protect the camera and the parent unit from knocks, damp, dust, chemicals, drastic changes in temperature, electromagnetic fields and nearby sources of heat (ovens, heaters).
- Never use the camera in a damp environment.
- Clean the camera/parent unit with a soft, dry cloth. Do not use any abrasive cleaning products.

10. Troubleshooting

Problem	Solution
"Monitor" parent unit will not switch on.	Check whether <ul style="list-style-type: none">• the mains part plug is correctly connected.• the battery is full, needs charging or is damage.
An acoustic signal sound from the "monitor" parent unit.	Check whether the parent unit is too far from the camera - move them closer together. <ul style="list-style-type: none">• the mains part plug for the camera is correctly connected.• the camera is switched on.• the parent unit's battery needs charging.
The parent unit is switched on, but is not making any noise.	Check whether the volume is turned on: <ul style="list-style-type: none">• To set your desired volume on the parent unit, press the up or down arrow buttons when in monitor mode.
The "monitor" parent unit switches itself off.	It could be that the parent unit is in standby mode. Check whether the video on timer mode has been selected in the menu and deactivate it where necessary.
The signal is weak, the connection keeps breaking up or there is interference.	<ul style="list-style-type: none">• If another technical device such as a microwave is in the area between the camera and the parent unit, remove the technical device or switch it off.• Check whether other factors, such as trees or anything else are in the area between the camera and the parent unit, and change the position of the devices until the parent unit signals a connection.• Check whether the camera and parent unit are close enough together - move them closer.
If no transmission is possible, you have the option to retune the device signals digitally = pairing.	<ol style="list-style-type: none">1. Switch on the camera and parent unit.2. Pair the camera again as described in the "Add camera" section. > If there is no free camera location, delete a location first, as described in the "Delete camera" section.
When parent unit is in standby	To turn on the parent unit screen, press the on/off button briefly.

11. Disposal

Batteries must be disposed of through specially designated collection boxes, recycling points or electronics retailers. You are legally required to dispose of the batteries.

For environmental reasons, do not dispose of the device in the household waste at the end of its useful life.

Dispose of the unit at a suitable local collection or recycling point. If you have any questions, please contact the local authorities responsible for waste disposal.

12. Technical data

- Frequency 2.4 - 2.483 GHz
- Digital receiver
- Infrared technology
- Camera dimensions: 3.54 x 3.54 x 4.72 inches
- Camera weight: 3.84 oz
- Monitor unit dimensions: 5.16 x 2.93 x 0.9 inches
- Monitor unit weight (built-in battery): 4.11 oz
- Application temperature: 0 - 122°F
- Power adapter:

Input (Baby unit):	100-240V 50/60HZ 0.2A;
Output (Baby unit):	5V 600mA
Input (Parent unit):	100-240V 50/60HZ 0.2A;
Output (Parent unit):	5V 600mA
- Baby unit (Camera) battery: Li-ion 3.7V/1200mAh 4.44Wh
- Parent unit (internal) battery: Li-ion 3.7V/1200mAh 4.44Wh



Use only the power supply listed in the user instructions.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

13. Guarantee and service

This product is guaranteed against manufacturing defects for a period of One Year. This does not cover the product where the fault is due to misuse, abuse, use in contravention of the instructions, or where the product has been the subject of unauthorised modifications or alterations, or has been the subject of commercial use.

In the event of a problem with the product within the guarantee period please return it to the store. If the item is shown to have had an inherent defect present at the time of sale, the store will provide you with a replacement. Alternatively, you can contact the customer service of Binatone North America at 1-317 4368383. Address: 11550N. Meridian Street, Suite 525 Carmel, IN 46032-6956.

Your statutory rights remain unaffected.

14. General Information

FCC and IC regulations

FCC Part 15

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 Federal Communications Commission (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.

Changes or modifications to this equipment 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. Privacy of communications may not be ensured when using this device.

To ensure safety of users, the FCC has established criteria for the amount of radio frequency energy that can be safely absorbed by a user or bystander according to the intended usage of the product. This product has been tested and found to comply with the FCC criteria.

This Class B digital apparatus complies with Canadian ICES-003.

CAN ICES-3(B)/NMB-3(B)

WARNING

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

The socket-outlet shall be installed near the equipment and shall be easily accessible.

Industry Canada

This device complies with Industry 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.

The term "IC: " before the certification/registration number only signifies that the Industry Canada technical specifications were met. This product meets the applicable Industry Canada technical specifications.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit 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.



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