

Table of Contents

Introduction	2
Safety instructions and important notes	3
Description of the accessories	5
Description of the baby unit	6
Description of the parent unit	7
Description of the holder of the baby unit	8
Description of the holder of the parent unit	8
Installation location and installation of the baby monitor	9
Power source	10
Using the baby monitor and its functions	11
Pairing the units	12
General information about using the baby monitor	13
Troubleshooting	13
Cleaning and maintenance	14
Technical specifications	14
Explanation of symbols used on the product, its accessories and packaging	14
Instructions and information about the handling of used packaging	15

Introduction

- Thank you for selecting the Bayby BBM 7030 Digital Video Baby Monitor. This baby monitor is a great child care accessory that enables you to monitor your baby when you are driving a car and you need to focus on driving, or when you are not in the same room. Nevertheless, it is important to understand that it cannot serve as a substitute for responsible adult supervision.
- So that you can more reliably monitor your child, this baby monitor transmits not only audio but also a video image on a 3.5" colour LCD screen.
- 2.4 GHz wireless technology is utilised for transmitting the audio signal. This ensures quality transmission up to a distance of 250 m in an open environment. The baby monitor will inform you about interference or when the signal range is exceeded.
- The encrypted wireless transmission and automatic available channel selection features guarantee privacy and the peace of mind that you will hear only your child.
- Apart from video, on the screen you can see signal intensity, battery charging or battery power status. The camera on the baby unit provides a wide viewing angle and has a night-vision function.
- Both the parent unit and the baby unit are supplied with a suction cup holder, which can be attached to glass, ensuring perfect adhesion. Both holders enable the screen and camera to be comfortably set to the required angle.
- Both the parent and baby unit are powered by a built-in Li-Ion battery or a power adapter or a car charger.

Safety instructions and important notes

- Before first use, thoroughly read the user's manual. Keep this user's manual for future use.



Attention:

This baby monitor meets all relevant standards and its use is safe when all the instructions contained in this manual are followed.

- The baby monitor serves to monitor your child when you are driving a car and need to focus on driving or when you are not in the same room and cannot monitor it directly. Nevertheless, it is important to keep in mind that your child's safety comes first and therefore the baby monitor cannot serve as a substitute for supervision by a responsible adult. **When it is used in a car, it is necessary to adhere to the fundamental rule, that the driver must focus on driving the vehicle to prevent endangering other traffic participants.**
- This baby monitor is intended for home (private) use only. It is not intended for commercial purposes.
- After unpacking the baby monitor and its accessories from the packaging material, place the plastic bags in a safe location out of the reach of children. In the presence of children, plastic bags may present a suffocation hazard.
- Only use the baby monitor with the original adapter and 12V car charger that came with it. The power adapter and the charger are only intended for powering this baby monitor. Do not use it to power other appliances.
- Never use the baby monitor with accessories that are not approved by the manufacturer.
- Before connecting the power adapter to a power socket, make sure the voltage stated on its rating label corresponds to the voltage in the power socket. Position the power cord of the power adapter so that it will not be tripped over.



Attention:

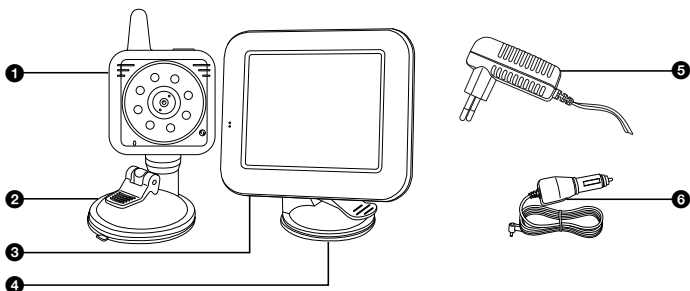
Before connecting this baby monitor to a 12V car socket, always check that the socket is compatible with the electrical specifications of this product.

- Before you connect the charger to the cigarette lighter socket, check that it is clean (free of cigarette ash). In cars where it is possible to power the appliance from a 12V power socket without the car engine running, it is important to check the state of the battery to avoid it from going completely flat. For this reason, we recommend to always have the motor running when connecting the baby monitor to the 12V car socket.
- If you have just used the 12V socket as a cigarette lighter, allow it to cool down for approximately 5 minutes and only then use it to power the baby monitor.
- Do not connect the baby monitor to a 24V car socket, which is often found in trucks. Otherwise, the baby monitor or the electrical wiring of the car could be damaged.
- The baby monitor may only be operated by adults.
- Children must not play with the baby monitor. Keep the baby monitor, power adapter and car charger out of the reach of children.

- Before first using the baby monitor, acquaint yourself with its functions and before every use, make sure that both the baby and parent unit are in working order and that the rechargeable batteries are not flat when they are used as a power source.
- Ensure that the baby monitor, the power adapter or the 12V charger do not come into contact with hot surfaces or sharp objects.
- Do not place the baby monitor in the vicinity of water containers or appliances that are sources of heat.
- Do not place any items on the baby monitor and do not cover it while it is in operation.
- Do not use the baby monitor in an excessively dusty or humid environment. Do not subject it to extreme temperature changes and electromagnetic fields.
- Do not submerge the baby monitor and its accessories in water or rinse under running water.
- Always disconnect the baby monitor from the 12V car socket when you have finishing using or charging it, and before cleaning it.
- Do not disconnect the power adapter or the charger from the power source by pulling on the power cord. This could damage the power cord or the socket. Disconnect the adapter and charger from the power source by pulling on the plug.
- Do not attempt to take the built-in batteries out of the baby monitor.
- Do not make any alterations to the baby monitor that would change its electrical or mechanical properties.
- The baby monitor must not be operated with auxiliary amplifiers of high-frequency power or directional antennas.
- Do not use the baby monitor if it is in any way damaged or if the power adapter or car charger are damaged.
- Do not attempt to repair the baby monitor yourself. Have all repairs or adjustments performed at an authorised service centre. By tampering with the product you risk voiding your legal rights arising from unsatisfactory performance or quality warranty.
- We recommend saving the original box, packaging material, receipt and responsibility statement of the vendor or warranty card for the duration of warranty. It is appropriate to transport the baby monitor in its original box.

Description of the accessories

A



① Baby unit

② Baby unit holder with suction cup

③ Parent unit

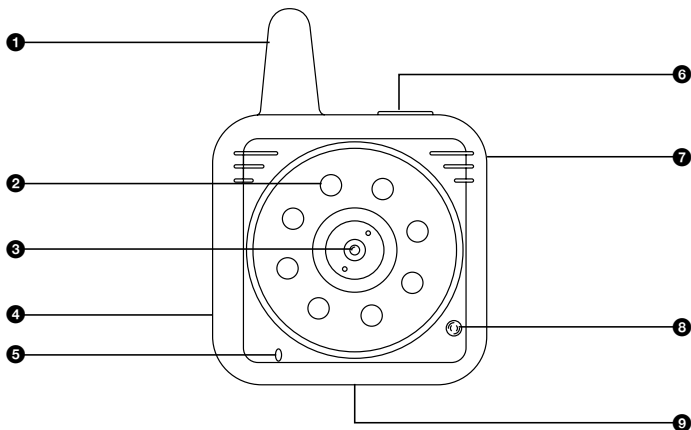
④ Parent unit holder with suction cup

⑤ Power adapter

⑥ 12V car charger

Description of the baby unit

B

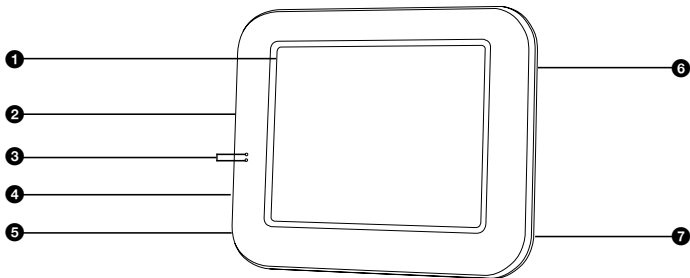


- ① Antenna
- ② Infrared LED diodes
- ③ Camera
- ④ LED indicator showing that the baby unit is on and the battery is being charged
- ⑤ Microphone
- ⑥ Button for turning the baby unit on and off / pairing button

- ⑦ Jack for connecting the power adapter connector or car charger
- ⑧ Light sensor
- ⑨ Metal thread for screwing on the holder (not shown) it is located at the rear of the baby unit.

Description of the parent unit

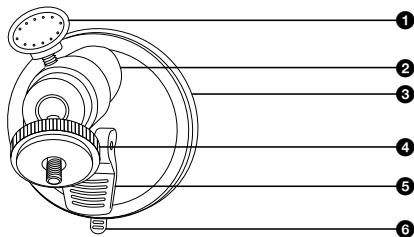
c



- ① 3.5" LCD screen
- ② Jack for connecting the power adapter connector or car charger
- ③ LED indicator showing that the parent unit is on and the battery is being charged
- ④ Volume control dial
- ⑤ Button for turning the parent unit on and off / pairing button
- ⑥ Holes for attaching the holder (not shown) they are located at the rear of the parent unit.
- ⑦ Loudspeaker (not shown) it is located at the rear of the parent unit.

Description of the holder of the baby unit

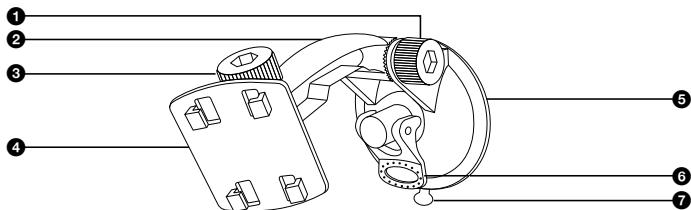
D



- | | |
|--|---|
| ① Head lock screw | ④ Head for attaching the baby unit |
| ② Arm with a swivel joint for setting the head to the required angle | ⑤ Clip for attaching or releasing the suction cup |
| ③ Suction cup | ⑥ Lip for removing the suction cup |

Description of the holder of the parent unit

E



- | | |
|--|---|
| ① Lock screw of the swivel arm | ④ Head for attaching the parent unit |
| ② Tilt arm for setting the head to the required vertical angle | ⑤ Suction cup |
| ③ Head lock screw | ⑥ Clip for attaching or releasing the suction cup |
| | ⑦ Lip for removing the suction cup |

Installation location and installation of the baby monitor

1. Baby unit

- When using the baby monitor inside a car, install the baby unit A① on a windows so that the camera B③ is pointing at the child but at the same time is out of the child's reach. To attach the baby unit A① to the window, use the included holder A②.
- When using the baby monitor at home, locate the baby unit A① in the room where you wish to monitor your child. We recommend an elevated location at a sufficient distance away from equipment and devices that could cause signal interference. Using holder A②, attach the baby unit A① on to a window pane, furniture, etc.
- When the baby unit A① is to be powered from an external power source, locate it within reach of a power socket. In order to minimise electro-smog, the baby unit A② powered from a power socket, should be located at least 1 m away from your child.



Attention:

Before connecting the power adapter A⑤ to a power socket, to make sure the voltage stated on its rating label corresponds to the voltage in the power socket. Do not locate the baby unit A①, power adapter A⑤ or the 12V car charger A⑥ within your child's reach.

- Based on the aforementioned instructions, first select a suitable location, then install the holder A② and connect the baby unit A① to it. The holder A② can be attached to smooth surfaces such as glass, furniture, etc. To release the suction cup D③, release clip D⑤. Place the suction cup D③ against a suitable surface and secure clip D⑤. This will attach the holder A②. Before connecting the baby unit A① to the holder A②, make sure that the suction cup D③ has properly adhered to the surface. Otherwise, the holder A② could fall. If this happens, it is necessary to move the holder A② to a different location or to select a different type of surface.
- Once the holder A② is properly installed, screw the thread B⑨ located at the rear of the baby unit A①, on to the head D④. When the head D④ is properly screwed in the thread B⑨, you may set the camera B③ to the required angle. To set the required angle of the camera B③, loosen the screw D① and set the swivel joint of the arm D② so that the lens of the camera B③ covers the area that you wish to monitor. To lock the arm in the required angle, tighten screw D①.
- Before removing the holder A②, first remove the baby unit A①. Then release the clip D⑤, grab the lip D⑥ and remove the holder A②.

2. Parent unit

- When using the baby monitor inside a car, connect the parent unit A③ using holder A④ to the front windscreen so that you can comfortably watch the picture coming from camera B③ on screen C①. Install the holder A④ with the parent unit A③ **so that it does not interfere with the driver's visibility.**
- When using the baby monitor at home, locate the parent unit A③ in the room where you will be located. Using holder A④, attach it to a window pane, furniture, etc. or freely put it down on an even, dry, stable and clean surface, e.g. a table, kitchen countertop, etc.
- When the parent unit A③ is to be powered from an external power source, locate it within reach of a power socket.

- Based on the aforementioned instructions, first select a suitable location, then install the holder A④ and connect the parent unit A③ to it. To release the suction cup E⑤ release clip E⑥. Place the holder A④ with the suction cup E⑤ against a suitable surface and secure in place using the clip E⑥. This will attach the holder A④. Before connecting the parent unit A③ to the holder A④, make sure that the suction cup E⑤ has properly adhered to the surface. Otherwise, the holder A④ could fall. If this happens, it is necessary to move the holder A④ to a different location or to select a different type of surface.
- Once the holder A④ is properly installed, attach the parent unit A③ to the head E④. All four hooks on the head E④ must fit into the holes C⑥ in the rear part of the parent unit A③. When the parent unit A③ is properly attached to the head E④, loosen screw E① and set the arm E② to the required vertical angle. Then retighten screw E①. Use screw E③ to set the horizontal angle of the head.
- Before removing the holder A④, first remove the parent unit A③. Then release the clip E⑥, grab the lip E⑦ and remove the holder A④.

Power source

1. External power source and its use

- To power the baby and parent units A① and A③ from an external power source, use the original power adapter A⑤ type JF005WR-0500100VH (output 5 V \pm , 1 A) or the included car charger.
- Insert the connector on the power adapter A⑤ or charger A⑥ to socket B⑦ or C② depending on which unit you wish to power from an external power source. Connect the plug on the power adapter A⑤ or the charger A⑥ to a corresponding power source.



Attention:

Before connecting the power adapter A⑤ to a power socket, make sure the voltage stated on its rating label corresponds to the voltage in the power socket.

Before connecting the charger A⑥ to a power source, make sure that the 12V car socket (cigarette lighter) has the same shape as the plug on the charger A⑥. Do not connect the charger A⑥ to a dirty cigarette lighter or to a 24V socket that is often found in trucks.

2. Internal power source and its use

- For powering the baby and parent units A① and A③ from an internal power source, there are built-in 3.7 V Li-ion batteries (baby unit A① – 900 mAh, parent unit A③ – 950 mAh).
- Before first using the baby or parent units A① or A③ independently of an external power source, allow the batteries to fully charge. A full charge takes approximately 8 hours. The batteries will start charging when the baby or parent unit A① or A③ is connected to an external power source. LED indicator B④ or C③ will be lit red.
- You may use the respective unit while it is charging. When the parent unit A③ is running, you may watch the charging progress in the top right corner of the screen C①.
- When the battery is fully charged, the LED indicator B④ or C③ will be lit green, when the respective unit is running, or it will turn off when the respective unit is turned off. When you disconnect the respective unit after charging it, you may use it independently of an external power source.
- We do not recommend discharging the battery too much, or otherwise to recharge it when it is almost fully charged. The optimal temperature for operation and storage of the battery is around 20 °C.

- Battery operation minimises electro-smog which arises due to the effect of alternating electric and magnetic fields.
- To recharge a unit, connect it to an external power source. If you do not do so, it will turn off automatically after a certain time. The LED power indicator B④ and/or C③ will turn off.

Note:

You can see the battery power level of the parent unit A③ in the top right corner of the screen C①.

- If you are planning on not using the baby monitor for an extended period of time, we recommend that you allow the batteries to discharge to half their capacity.

Using the baby monitor and its functions

1. Baby unit

■ Turning on and off

- To turn on the baby unit A①, press and hold button B⑥ for approximately 3 seconds. When it is turned on, the LED indicator B④ will be lit green. If a battery is being charged, the LED indicator B④ will be lit red.
- To turn off the baby unit A①, press button B⑥ and hold it down for approximately 3 seconds. The turned off state of the baby unit A① is signalled by the LED indicator B④ turning off. If a battery is being charged, the LED indicator B④ will be constantly lit red.
- Whenever you finish using it, always turn off the baby unit A① and disconnect the power adapter A⑤ or the charger A⑥ from the external power source. When a battery is being charged, disconnect the baby unit A① from the external power source only after the charging process has finished.

■ LED indicator showing that the baby unit is on and the battery is being charged.

- When the LED indicator B④ is lit green, it signals that the baby unit A① is turned on.
- When the battery is being charged, the LED indicator B④ will be lit red regardless of whether the baby unit A① is on or off.
- When the baby unit A① is turned off and the charging process is complete, the LED indicator B④ will be off.

■ Night-vision mode



- The baby unit A① is equipped with eight infrared LED diodes B②, thanks to which it is possible to see a picture even in complete darkness. The infrared light of the diodes B② is invisible to the human eye.
- When the light sensor B⑥ detects a low level of ambient light, the LED diodes B② will activate themselves automatically. In this mode, the screen C① on the parent unit A③ will show a black and white picture.

2. Parent unit

■ Turning on and off

- To turn on the parent unit A③, press and hold button C⑤ for approximately 3 seconds. When it is turned on, the LED indicator C③ will be lit green. If a battery is being charged, the LED indicator C③ will be lit red.

- When the parent unit A③ is turned on, the following symbols will be shown in the upper part of the screen C①.

Symbol	Explanation
	Signal intensity Number of lit segments indicates the signal intensity. When no segment is lit, it means that the baby monitor has no signal.
	Battery power level or charging progress indicator

- When the baby unit A① is turned on and located within signal range, the connection will be made automatically and the baby monitor will start transmitting audio and video.
- When the baby unit A① is turned off or located outside the signal range, no connection will be made. The message "No signal" will be shown on the screen C①.
- To turn off the parent unit A③, press button C⑤ and hold it down for approximately 3 seconds. The turned off state of the parent unit A③ is signalled by the LED indicator C③ turning off. If a battery is being charged, the LED indicator C③ will be constantly lit red.
- Whenever you finish using it, always turn off the parent unit A③ and disconnect the power adapter A⑤ or the charger A⑥ from the external power source. When a battery is being charged, disconnect the parent unit A③ from the external power source only after the charging process has finished.

■ LED indicator showing that the parent unit is on and the battery is being charged.

- When the LED indicator B③ is lit green, it signals that the parent unit A③ is turned on.
- When the battery is being charged, the LED indicator C③ will be lit red regardless of whether the parent unit A③ is on or off.
- When the parent unit A③ is turned off and the charging process is complete, the LED indicator C③ will be off.

■ Volume setting

- Volume dial C④ can be used to decrease or increase the volume on the parent unit A③. Turning volume dial C④ up increases the volume, turning it down decreases the volume.

Pairing the units

- The baby unit A① is paired with the parent unit A② in advance. Under normal circumstances, it is not necessary to pair the units. However, in the event that the signal is lost and the units are unable to reconnect, then it is necessary to pair the units again in order for the baby monitor to function. When pairing the baby and parent units A① and A③, proceed as follows.
- Hold down button C⑤, until indicator C③ starts flashing. Then hold down button B⑥. Indicator B④ will start flashing. Hold down button B⑥ until a connection is made and the picture recorded by the camera B③ appears on the screen C①. LED indicators C③ and B④ will stop flashing.

General information about using the baby monitor

- Before using the baby monitor for monitoring your child, always check that both the baby and parent unit A① and A③ are in working order, that there is a connection between the units and that audio and video is being transmitted.
- To increase the signal range, place the baby unit A① in an elevated location as close as possible to the door or window.
- Other radio waves may interfere with the signal transmission. For this reason, do not place the baby monitor in the vicinity of appliances such as e.g. a microwave oven or WLAN devices, etc.
- The following factors may interfere with the signal, reduce its range or affect its quality:
 - one of the units is covered,
 - other wireless networks, ecological light bulbs,
 - obstacles in the signal transmission direction such as furniture, interior and exterior walls of buildings, trees, etc.
 - weather events such as fog, rain, etc.

Troubleshooting

Problem	Solution
No picture	<p>Check that the parent unit A③ is located within signal range.</p> <p>Check that the external power source that the respective unit is connected to is in working order. When using an internal power source, check that the batteries are sufficiently charged.</p>
Weak or no signal, signal interference or the connection is repeatedly interrupted.	<p>If there is any equipment, which could interfere with it, located in the signal transmission direction, move it elsewhere or turn it off.</p> <p>There may be obstacles in the signal transmission direction that may reduce its range. Move the units closer together.</p>
Black and white picture	The baby monitor is switched to night-vision mode. The light sensor B⑥ detected a low light intensity level.
Wavy picture when the baby unit A① is powered from an internal power source.	Check that the batteries of the baby unit A① are sufficiently charged.

Cleaning and maintenance

- Before cleaning the baby monitor, disconnect it from the power source. If it becomes soiled, wipe the outer parts of the baby monitor, power adaptor A(5) or charger A(6) with a clean, dry cloth.
- For cleaning, do not use abrasive cleaning products, solvents, thinners, etc. Never submerge the baby monitor, power adapter A(5) and the charger A(6) in water or rinse under running water.

Technical specifications

Model number	BBM 7030
Frequency broadcast band	2 400–2 480 MHz
Transmission power	17 dBm
Sensitivity	–85 dBm
Modulation	FHSS (Frequency Hopping Spread Spectrum)
Range in open space	up to 250 m
Audio transmission	one way communication
Display type and size	3.5" LCD
Voltage and power input	5 V $\overline{=}$, 1 A
Power source	power adapter, JF005WR-0500100VH input: 100–240 V~, 50/60 Hz, 0.18 A, output: 5 V $\overline{=}$, 1 A or supplied 12V car charger or built-in 3.7 V Li-Ion rechargeable batteries (baby unit – 900 mAh, parent unit – 950 mAh)
Electrical shock protection class (power adapter)	II
Operating temperature	0–60 °C
Recommended storage temperature	20 °C

Explanation of symbols used on the product, its accessories and packaging



This symbol indicates that this appliance meets all the basic requirements of EU directives related to it.



This symbol indicates that the product has protection class II.



This symbol indicates the polarity of the power cord connectors.



This symbol indicates that it is a product that may be used indoors only.

LOT.

This abbreviation serves to designate the production lot number.



This symbol indicates that the requirements of directive 2011/65/EU (RoHS II) have been met for limiting the use of certain hazardous substances in electrical and electronic equipment.



This symbol on products or original documents means that used electric or electronic products must not be added to ordinary municipal waste. For proper disposal, renewal and recycling hand over these appliances to determined collection points. Alternatively, in some European Union states or other European countries you may return your appliances to the local retailer when buying an equivalent new appliance. Correct disposal of this product helps save valuable natural resources and prevents potential negative effects on the environment and human health, which could result from improper waste disposal. Ask your local authorities or collection facility for more details. In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

For business entities in European Union states

If you want to dispose of electric or electronic appliances, ask your retailer or supplier for the necessary information.

Disposal in other countries outside the European Union.

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.



Before handing over the product to a designated collection facility, it is necessary to ensure that the built-in batteries are removed because they contain substances harmful to the environment and do not belong in standard communal waste. Battery removal will be performed at the authorised service centre.

Take the batteries to an appropriate collection point, which will take care of their ecological disposal. You can obtain the contact for the nearest collection point from your town council or from your retailer.

Instructions and information about the handling of used packaging

Dispose of used packaging material at a site designated for waste in your municipality.

This appliance meets the requirements of directive 1999/5/EEC. A valid declaration of conformity can be found at www.bayby.com.

The Czech language is the original version of the user's manual. Changes to text and technical parameters are reserved.