STAR

SBM-050WP

USER MANUAL

Digital Baby Monitor

5" TFT LCD Display

About this manual.

We have made every effort to ensure that the contents of this manual are correct and as up-to-date as possible. However, there is no guarantee that new versions of the software will not contain changes that render some parts of this manual obsolete. If the contents of this manual are not completely up to date with your baby monitor, please contacts our support staff. We reserve the right to change the contents or specifications without prior notice. If the accessories do not match the contents of the actual product aging, please contact your retailer.

Thank you for purchasing our products. We hope that its use will significantly improve your everyday comfort. This ma nual contains information on the baby monitor and how to use it.

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Safety Notes

1. Please remember that the baby monitor does not replace responsible adult supervision.

2. This product should be placed in a location where the child will not come into contact with it, and the distance between the baby monitor and the child should be at least 1,5-2 metres to ensure that the child and this product have a suitable safety zone.

3. Do not place the DC power cord where a child can reach it, and do not allow a child to wrap the cord around his body.

4. Please remember that the baby monitor is not a toy and children are not allowed to play with it.

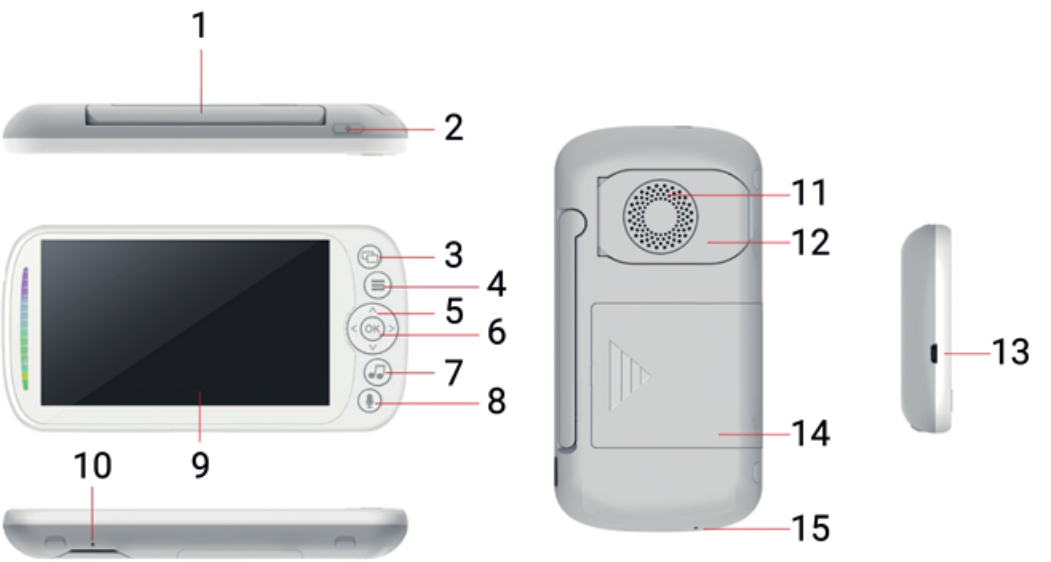
5. Only use the supplied 5 V/1 A power adapter.

Appearance of the device

Camera Transmitter

1. Camera
2. Microphone
3. IR sensor
4. IR emitters
5. LED indicator
6. Speaker
7. Antenna
8. Temperature sensor
9. Power connector
10. Mounting bracket
11. Pairing button.

Portable display



1. Antenna
2. Power button
3. Camera switching button
4. Menu/return button
5. Navigation buttons
6. OK button
7. Quick music change button
8. Talkback button
9. Display
10. Microphone
11. Speaker
12. Mounting bracket
13. Power connector
14. Battery cover
15. Reset button

Button description

Power button: — hold down to turn on\off the digital video baby monitor, press once to turn on\off the screen.

OK **OK button:** confirms the selection in the menu.

Menu/Back button: — short press: launch the menu; long press: start PTZ (Pan-Tilt-Zoom) mode.

Navigation buttons: — on the main screen: short press of the «up» and «down» buttonss to increase the volume, short press of the «left» and «right» buttons to increase and decrease the brightness of the screen; in PTZ mode: control the camera.

Talkback button: From the home screen, press and hold this button to talk to your child.

Camera switch button: changes the video source, locks the input signal from one camera or cycles between two cameras.

Quick music switch button: Lets you instantly start or stop lullaby right from your home screen. If lullaby is already playing, short press of this button changes the melody.

Reset button: If the baby monitor does not start with the power button, press to force restart the device.

Pairing Button: Connects the handheld display and the camera to each other.

Description of functions

Camera

This unit operates on 5V\1A DC power.

When the device is turned on, the blue indicator light will illuminate, indicating that the baby monitor is on and ready for use.

Note: please use only the supplied power adapter.

Night vision: the baby monitor is equipped with 8 infrared sensors that allow it to see a clear picture even in total darkness, without disturbing the child.

The infrared sensor is activated automatically: the baby monitor software monitors the amount of incoming light and adjusts its settings to give you the best image.

Place the device in relative (but not excessive) proximity to the child so that it can record sound and video with good quality. Move it to another location if you do not like the picture quality.

If the picture or sound does not go well, try moving the device to another location for the best signal quality.

Adjusting the camera angle: Press the menu button to enter the camera angle setting interface and then use the directational keys. After the setting is completed, you can exit the setting interface by long-pressing the menu button (otherwise, the baby monitor automatically exits this interface after 10 seconds without any operation).

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Portable display

The product is powered by the integrated battery or the 5V/1A DC adapter. The built-in battery can be charged automatically when connected to the DC adapter.

Power on/off: Turn on the power to the unit, press and hold the button for 1.5 seconds to turn the power on/off.

This device supports two cameras for contour monitoring.

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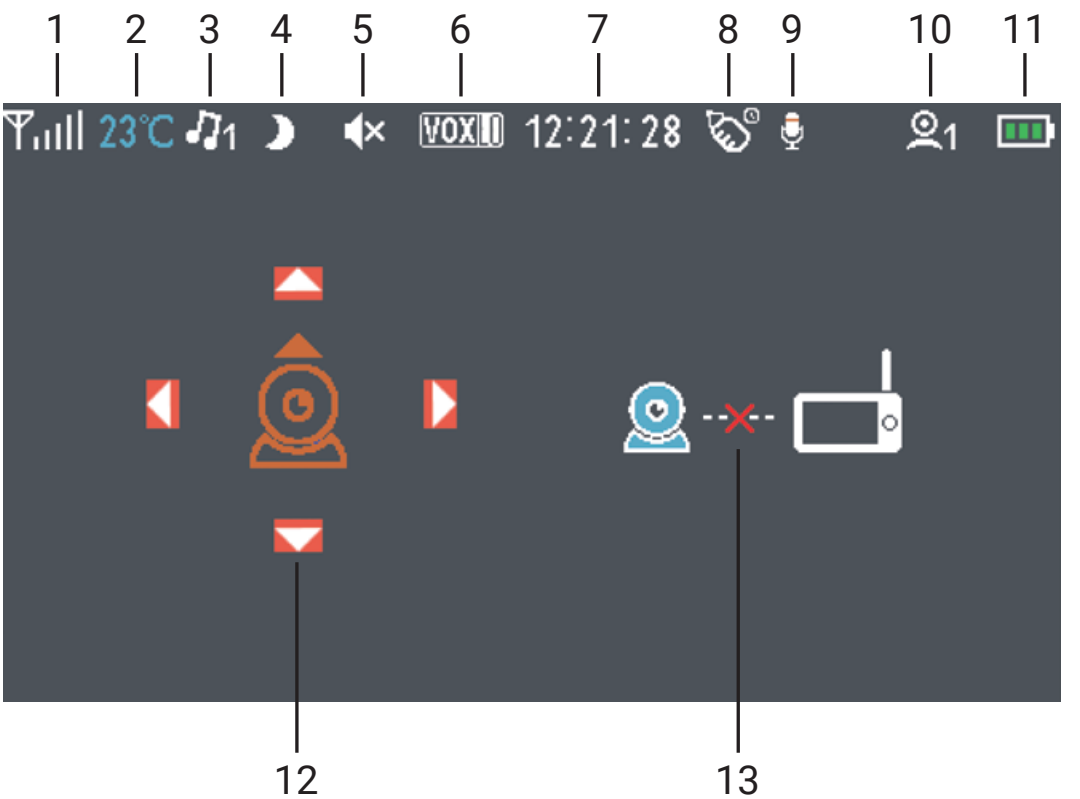
Portable Display Status Icons:



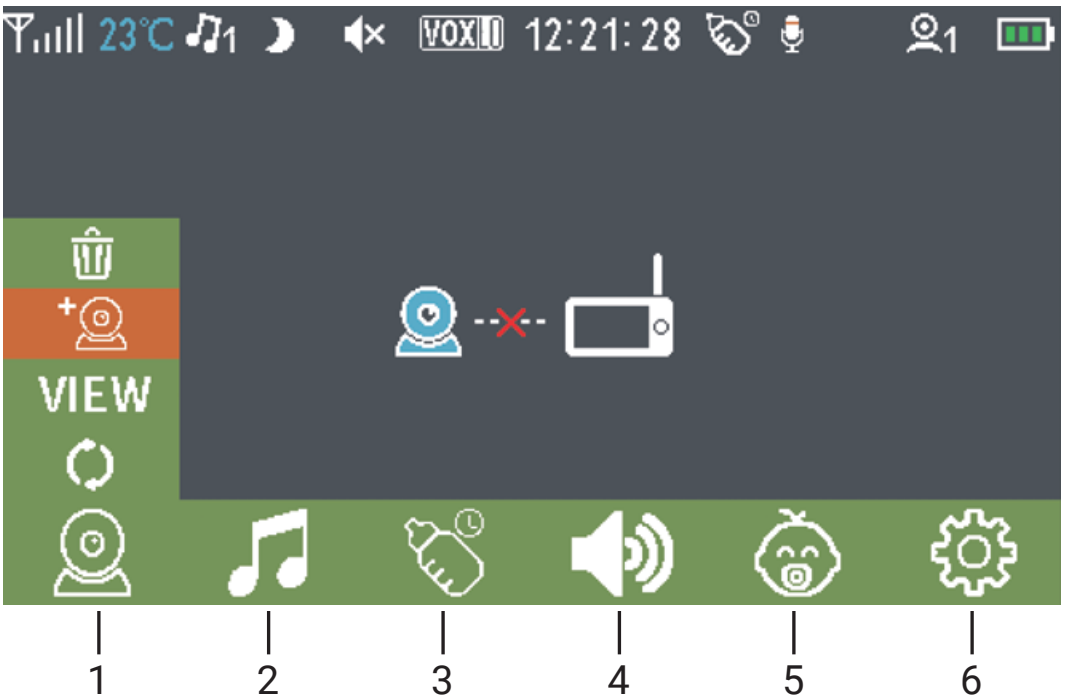
1. Signal strength icon;
2. Air temperature in the children's bedroom;
3. Lullaby icon;
4. Night Vision icon;
5. Mute icon: indicates that the display is muted;
6. The VOX icon: indicates the voice activation mode is on.

The volume level at which the screen turns on can be adjusted. There are three sensitivity modes: «Low», «Medium» and «High».

7. Current time;
8. Feeding reminder icon;
9. Microphone icon;
10. Indicator of an activated camera.
11. Battery charge indicator.
12. Direction indication (PTZ interface): shows the direction of camera rotation.
13. Signal loss icon, indicates that the current camera is disabled.

Menu

The following options are available in the menu:



Press the Menu/Return button to open a sub-menu.

1. Camera settings.
2. Lullaby choice.
3. Feeding reminder.
4. Sound settings.
5. VOX sensitivity settings.

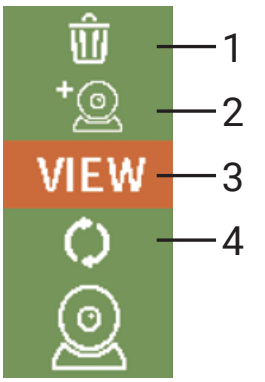
6. Other settings.

Press «left» and «right» to move between sections, «up» and to select, «OK» to confirm, «Menu/return» button to exit.

Camera

Select Camera settings and enter the following menu:

1. Removing the camera.
2. Pairing of the cameras: Once successfully paired, the settings will be saved, so there is no need to repeat the procedure the next time you turn it on. If you need to re-pair, you must first remove the camera (see "Pairing instructions" on page 14).



3. Selecting the camera angle: Once selected, 3 views can be selected: camera 1, camera 2 and split camera.

The screen is divided, i.e., camera 1 and occupy half the left and right screen, respectively.

4. Cyclic automatic camera switching.

Pairing instructions

1. Menu button → Camera settings → Pairing → Select camera → OK.

2. At this point, the blue light should turn on, indicating that the camera is being searched for.

3. Long press the pairing button on the camera itself. When the light on the camera starts flashing, release the button and wait until the pairing is complete.

4. The icon for successful pairing is displayed on the screen: .

   Note: The «*» symbol appears in the upper right corner of the camera when the pairing is successful; consequently, the «*» symbol disappears when the camera is removed.

Choosing a lullaby

You can select one of the six available songs or play them alternately in a loop. You can also press the «Music button» shortcut to quickly set up this menu.

Feeding reminders

Select the feeding reminder setting, with 5 clock settings to choose from: snooze the reminder function, reminder every hour, reminder every 2 hours, reminder every 3 hours, reminder every 4 hours Select one of them and press confirm.

Sound settings

Select the sound setting option and press the «up» and «down» buttons to adjust the sound volume of the handheld display. The mute icon appears when the sound is turned down to the absolute minimum.

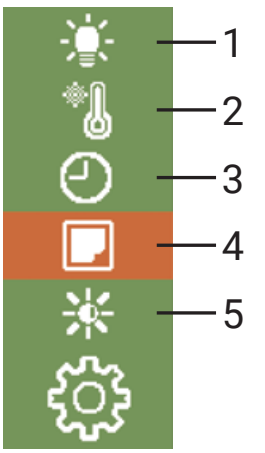
VOX sensitivity settings

The vehicle battery is not designed to be used for extended periods of time with the vehicle being used.

Other settings

Select other settings, the menu shown in the illustration is displayed:

1. Display frequency setting: up to-1
2. The power supply is operated at 60 Hz or 50 Hz.
3. Temperature settings.
4. Time settings.
5. The backlight time of the screen is set. It can be set to 1 minute, 3 mi- hand-held display. Adjust the screen brightness of the hand-held display.



Mounting

Place the baby monitor at an appropriate height and carefully adjust the angle of the camera to have the most comfortable viewing angle to monitor your baby.

For convenience, you can also attach the baby monitor to a special bracket.

Baby monitor maintenance

The baby monitor requires no specific maintenance — just keep the lens clean, which will give you the clearest, most detailed picture possible.

From time to time, gently wipe off fingerprints and dust on the lens and LCD screen with a dry, soft cloth.

Do not use a rough or stiff cloth that could scratch the outside of the unit.

To reduce the risk of electric shock, do not open or repair the unit yourself.

Store the device in a dry place. Do not use the baby monitor in an excessively humid environment: use in a humid environment may cause the device to malfunction.

Note: The design and specifications of this product are subject to change without notice.

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. The internal battery should be disposed of with the Parent unit in an environmentally-friendly manner according to your local regulations.

Help

Display

– Try recharging the battery pack.

– Reset the Units. Unplug both the Units' electrical power, then plug them back in.

– Is the Unit switched on? Press and hold the ON/OFF button on the Parent Unit for 3 seconds to switch it ON.

– When operating using batteries only, the display will go blank after some time to save power (depending on video settings). The Unit is still active and will give you audio alerts. You can reactivate the screen by pressing any button.

Registration

If the Baby Unit has lost its link with the Parent Unit

– If the Baby Unit is too far away it may be going out of range, so move the Baby Unit closer to the Parent Unit.

– Reset both the Parent Unit and Baby Unit by disconnecting them from the electrical power. Wait about 15 seconds before reconnecting. Allow up to one minute for the Baby Unit the Parent Unit to synchronize.

– See Pairing section of this manual, if there is a need to re-register the Units.

Interference

Noise interference on your Parent Unit

– Your Baby and Parent Units may be too close. Move them further apart. Make sure there is at least 1 to 2m between the 2 Units to avoid audio feedback.

– If the Baby Unit is too far away, it may be out of range. Move the Baby Unit closer to the Parent Unit.

– Make sure that the Baby and Parent Units are not near other electrical equipment, such as a television, computer or cordless/ mobile telephone. Move the Baby Unit or Parent Unit 3 feet away from other electrical equipment.

Noise interference on your device

– To avoid background noise or echoes, ensure that there is enough distance between your device and the Camera Unit.

– Use of other 2.4 GHz products, such as Bluetooth™ systems or microwave ovens, may cause interference with this product. Keep the Camera Unit at least 3 feet away from these types of products, or Parent Unit at least 3 feet away from these types of products, or switch them off if they appear to be causing interference.

Lost connection

– Reduce the distance between the parent and child modules, but make sure it is not less than 1 meter.

Warranty

Consumer Products and Accessories Limited Warranty («Warranty»)

Thank you for purchasing this SOON product.

What Does this Warranty Cover? Subject to the exclusions contained below, SOON warrants that 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.

Warranty Period

One (1) year from the date of the first purchase by the first purchaser-customer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

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 SOON, 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 SOON or its authorized service centers, are excluded from coverage.

Technical Specifications

Baby Monitor

Frequency 2400 MHz–2483.5 MHz
IR sensors: 8 units
Operating temperature 5° C–40C
Power Adapter Input: 100-240V AC, 50/60Hz;
Output: 5.0V DC, 1000mA

Handheld Display

Frequency 2400 MHz—2483.5 MHz
16.7M color 5” LCD TFT screen
Power Adapter Input: 100-240V AC, 50/60Hz;
Output: 5.0V DC, 1000mA
Battery: Li-Pol 1500 mAh

Specifications are subject to change without notice.

Manufacturer: Dongguan HDKing Smart Technology Co. LTD. Floor 2, Building C, Hechang Road No.8, Shatou Community, Changan Town, Dongguan, Guangdong, China. Fax: +86-0769-81666975. Tel: +86-0769-81666972.

Distributor in RF: «Socinteh» 111250, Russia, Moscow, Krasnokazarmennaya str. 10, room 10.

Importer: «Socinteh» 111250, Russia, Moscow, Krasnokazarmennaya str. 10, room 10.

If you have any questions about the operation of the unit, warranty terms and conditions, technical support, or other questions, please call Customer Support at 8 (800) 511-29-33 (Russia) or go to support@soonelectronics.com.