

# SoOn

## BASE

SBM-020WP

### USER MANUAL



**Digital Baby Monitor**

4.3" 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 contact 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 manual contains information on the baby monitor and how to use it.

# Contents

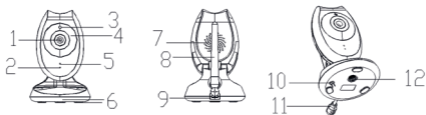
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## Safety Notes

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.

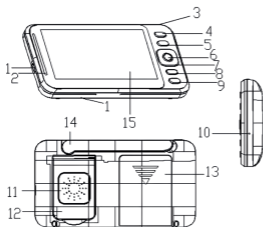
## Appearance of the device

### Camera Transmitter




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

## Portable display




- |   |                              |
|---|------------------------------|
| 1. Power connector                            | 8. Quick music switch button |
| 2. Power indicator and voice volume indicator | 9. Talkback button           |
| 3. Start button                               | 10. Reset button             |
| 4. Camera switching button                    | 11. Speaker                  |
| 5. Menu button                                | 12. Fixing                   |
| 6. OK button                                  | 13. Battery cover            |
| 7. Up/Down/Left/Right buttons                 | 14. Antenna                  |
|   | 15. LCD screen               |


## 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.


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


 **Menu / Back button:** – activates the menu or returns to the main screen.


 **Up Button:** Move one menu item up. Increase brightness on the home screen.


 **Down Button:** Move one menu item down. Decrease the brightness on the home screen.

 **Left Button:** Move one menu item to the left. Decrease the volume.

 **Right Button:** Move one menu item to the right. Increase the volume.

 **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. When a lullaby is 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.



# Description of functions

## Camera functions

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 will provide a clear picture even in total darkness, without disturbing the child.

The infrared sensor is activated automatically: the baby monitor software analyses the amount of incoming light 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 is being interrupted, try moving the device to another location for the best connection.

## Handheld display functions

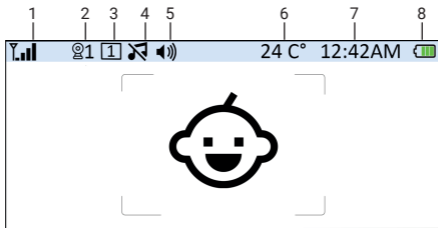
The handheld display is powered by a 3.7 V lithium battery or a 5V\1A DC adapter. You can use the adapter for charging when the lithium battery is low.


**Note:** only use the supplied power adapter.

To start the device, connect it to a power source and then press and hold the power button for a few seconds.

This device supports the use of two monitoring cameras.

## Portable Display Status Icons



1. Signal strength indicator.
2. Current camera icon.
3. Activated camera icon. Next icon will be displayed at this place in the «Circulation» mode: 
4. Icon of a playing lullaby. There are a total of 8 preset melodies, number 9 means playing them all on repeat.
5. Icon of dynamics status.

- The air temperature in the baby's room (Celsius or Fahrenheit available).
- Time.
- Charge indicator.

## Menu options

The following options are available in the menu:



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

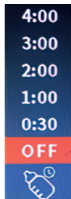
1. The feeding reminder settings.
2. Lullaby choice.
3. Date and time settings.
4. Temperature display settings.
5. Camera settings.
6. Voice activation sensitivity settings.

Navigate in the menu with the «left» and «right» buttons, press «up» and «down» button to make selections; then press the «OK» button move to a submenu. Press the «menu/return» button to exit the settings menu.

### Setting a reminder

Activate the reminder setting: 5 alarm slots will be available to you.

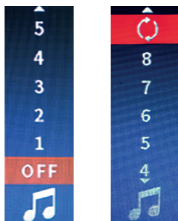
Switch between the available options with the «down» and «up» keys, «OK» to confirm. Reminder is deactivated by default.



## Lullaby selection

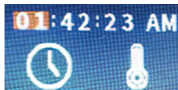
You have several built-in lullabies that you can choose from.

Select the music icon, press the «up» or «down» buttons to select, then press the OK key button to confirm (there are 8 available melodies and the cycling repeat mode).



## Time setting

Select the clock icon and use the arrow keys to set the actual value. Press «OK» to complete the settings.



## Temperature display settings

Select the icon with the thermometer and use the navigation buttons to choose whether temperature is shown in Celsius or Fahrenheit degrees. The default setting is Celsius.

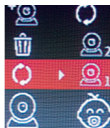


## Camera settings

Select the camera icon and use the navigation buttons to select one of the three options: add a camera, delete a camera or activate the camera cycle function.

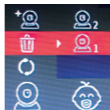


Selecting camera icon means that it will be displayed on the handheld display. Selecting the toggle icon will activate the mode in which the portable display alternately displays the images of the two different cameras.

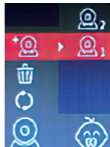




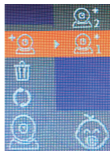
To remove the camera, select the trash can icon. Then select one of the connected cameras and press «OK».



To connect a new camera, select the upper icon with «camera+» icon. Press «OK» to start pairing. Press the pairing button on the camera itself at the same time – the LED on the camera should start flashing. In a few seconds the camera is connected.



When the pairing is successful, an «\*» symbol appears at the top of the camera icon. After successful pairing, the camera can be used. If the camera is out of range of the network, it will lose the connection. Re-entering the coverage area will automatically reestablish the connection.

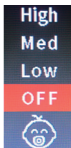


**Note:** The camera has been paired at the factory and does not need to be re-paired unless it has been manually disconnected.

### Sound sensitivity level

Enter the submenu with the baby icon.

Inside there are 4 different options available to you. The following options are available: gradation of the voice activation sensitivity from «High» to «Low» and deactivation of the VOX mode altogether. Select one of them with the directional arrow keys and the OK button.



**Note:** when one of these options (except «Off») is activated, one of the following icons will be displayed on the main screen of the handheld display:



**Note:** The baby monitor intelligently monitors the volume of sounds. Up to a certain volume (background noise, etc.) it will not respond, and the handheld display will remain

switched off. But if the baby's voice is heard by the baby monitor, the handheld display will immediately activate.

## 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 protection)

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.

- 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–40°C

Power Adapter Input: 100-240V AC, 50/60Hz;

Output: 5.0V DC, 1000mA

## **Handheld Display**

Frequency 2400 MHz–2483.5 MHz

16.7M color 2,4" LCD TFT screen

Power Adapter Input: 100-240V AC, 50/60Hz;

Output: 5.0V DC, 1000mA

Battery Type: 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](mailto:support@soonelectronics.com).



