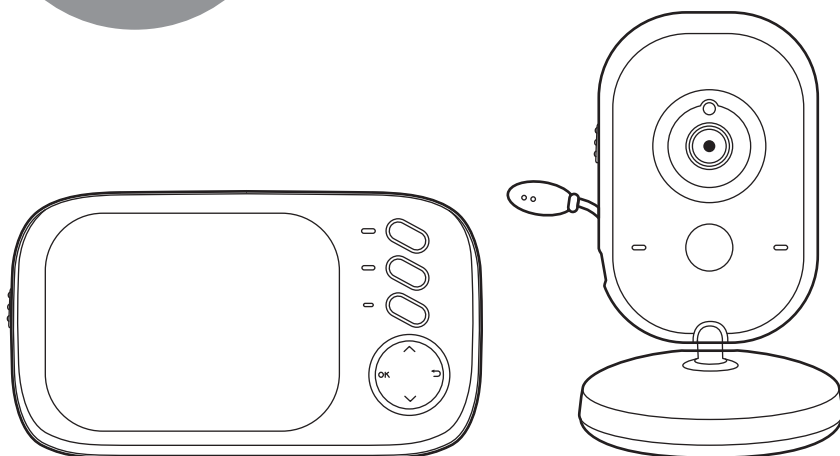


IMPORTANT! KEEP THIS MANUAL FOR FUTURE REFERENCE

INSTRUCTION MANUAL FOR DIGITAL BABY MONITOR POLARIS

POLARIS



This **chipolino** product is manufactured in accordance with the requirements of Directives of the European Parliament and Council 2014/53/EU relating to the making available on the market of radio equipment, Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), 2014/30/EU relating to electromagnetic compatibility and 2001/95/EU on General Product Safety as well as in accordance with National Legislation.

TO GUARANTEE THE SAFE USE OF THIS PRODUCT, FOLLOW THE WARNINGS, GUIDELINES AND RECOMMENDATIONS IN THIS MANUAL!

ATTENTION! WARNINGS!

**THIS PRODUCT IS INTENDED TO AID YOU AND CANNOT SUBSTITUTE A REAL AND RESPONSIBLE ADULT SUPERVISION!
USE THE PRODUCT ONLY FOR ITS PURPOSE!**

- **CAUTION!** ONLY AN ADULT SHOULD USE THE PRODUCT!
- **CAUTION!** THIS DEVICE IS NOT A TOY AND MUST NOT BE ACCESSIBLE TO CHILDREN! Do not let children play with parts of the monitor!
- **CAUTION!** NEVER PLACE THE BABY UNIT IN THE BABY'S BED OR PLAYPEN!
- **CAUTION!** THE ADAPTORS, PARENT AND BABY UNITS MUST ALWAYS BE OUT OF THE REACH OF THE BABY TO AVOID RISK OF INJURY OR SUFFOCATION!
- **CAUTION!** BEFORE USE, INSPECT THE GOOD WORKING ORDER OF ALL PARTS OF THE PRODUCT. Do not use the product if you find some parts are missing or damaged.
- **CAUTION!** NEVER USE THE BABY MONITOR IN MOIST ENVIRONMENT, CLOSE TO OR IMMERSSED IN WATER!
- **CAUTION!** KEEP AWAY FROM FIRE. To avoid overheating keep the transmitter, receiver and adaptors away from heat sources or other devices, which release heat.
- **CAUTION!** Do not leave the adaptors in a place where a child may step on them. A hit on the adaptor when plugged in the electricity may cause damage and serious risk of injury!
- If you use a wireless telephone, wireless video device, Wi-Fi network, microwave or Bluetooth devices at frequency of 2.4 GHz, and the video monitor units show interferences, relocate the baby unit at a larger distance until the interference disappears.
- Do not use spare parts or other components, which are not supplied by the manufacturer! The producer does not assume responsibility in case spare parts have been used which are different from the approved type or recommended by the producer.
- Do not make changes or modifications on the product! Do not modify the electric circuit and do not add other electrical parts! If necessary, contact the retailer or an authorized service center for advice and repair.
- Before plugging the adaptors in, check if the voltage marked on the adaptor is the same as the voltage of the local electricity network. If not, you will damage the product!
- Do not use damaged adaptors.
- Do not remove the labels and warnings on the product! They are important for everyone who uses the product!
- Keep the nylon package away from children to avoid suffocation!

WARNINGS FOR USING LITHIUM-ION POLYMER BATTERIES

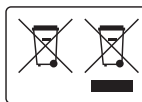
- ONLY an adult can plug the adaptors!
- Do not bend, drill (especially with metal objects) or damage the battery in any other way.
- Charge the battery only with the adaptors provided by the producer!
- Do not allow short circuit!
- Keep the product in room temperature!
- Do not subject to direct sunlight!
- Never leave a charging battery without supervision!

REMARK: The battery compartment is located on the back of the parent unit.

ADVICE: Charge the battery fully before use to save it and prolong its life.

IMPORTANT! To replace the battery contact the retailer or an authorized service!

CAUTION! When you stop using the product, do not dispose of it with normal household waste but hand it over in an official waste collecting point. The waste formed from damaged electrical and video devices, batteries, adaptors, must be disposed of separately. Throwing them out in containers for household waste is forbidden. This will be your considerable contribution for safeguarding nature, reducing the harmful effect of substances found in the batteries and adaptors, environment and human health.



PRODUCT FEATURES

Frequency	2.4 GHz
Modulation	GFSK
Suitable ambient temperature	From -10° C to +45° C
Suitable ambient moisture	<85%
Range (without obstacles)	Up to 260 m open area
Adaptor, 2 pcs	In: 100-240V, 50-60Hz, 0.2A Out: 5.0—1000mA

Parent unit: MONITOR (receiver), 1 piece

Video display	3.2" TFT LCD
Resolution	320x240@20fps
Battery, Li-Ion polymer	750mAh
Dimensions, mm	120x70x17

Baby unit: CAMERA (transmitter), 1 piece

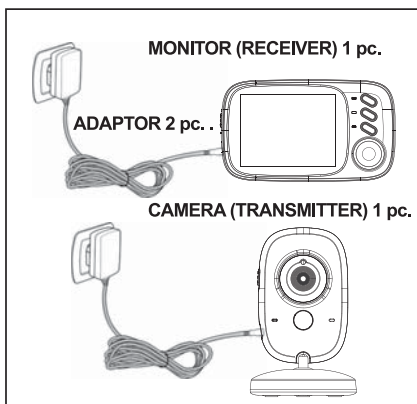
Sensor, type	0.3 Mega plx CMOS
Minimum illumination (infrared night vision)	0 lx (IR on)
Night vision range	5 m
Light sensor	YES
Temperature sensor	YES
Wall mounting slots	YES
Dimensions, mm	67x106x67

FUNCTIONS

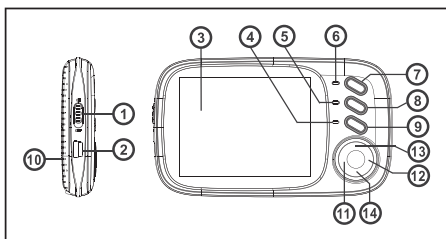
VOX (the baby unit is automatically on when sound is detected)	YES
Alarm	YES

Musical player	YES
2-way communication	YES
Sound control	YES
Multilanguage menu	YES

PLEASE, MAKE SURE THAT ALL PARTS OF THE PRODUCT ARE AVAILABLE:

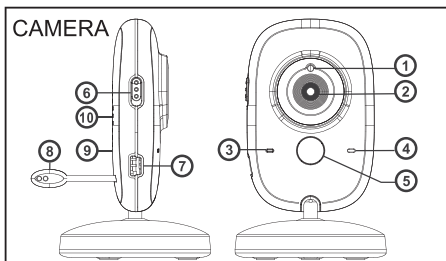


MAIN PARTS DIAGRAM



1. Button ON/OFF on the unit
2. Adaptor jack
3. Video display
4. Microphone
5. Power supply indicator
6. Battery charging indicator
7. VOX key
8. Melodies ON/OFF key
9. Two way communication ON/OFF key

10. Speaker
11. "OK" and "MENU" key
12. Return key
13. Volume + / up
14. Volume - /down



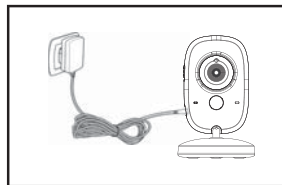
1. Sensor
2. Camera Lens
3. Power indicator
4. Microphone
5. Infrared light
6. ON/OFF button
7. Adaptor jack
8. Temperature sensor
9. Pairing button
10. Speaker

BEFORE USE

BABY UNIT – CAMERA (TRANSMITTER)

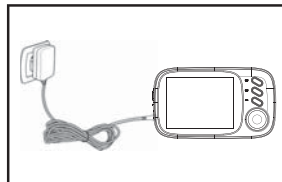
Supply the baby unit with power from your local network.

- Insert the adaptor jack in the baby unit and plug in the socket.
- The LED indicator is on in blue light i.e. the unit is operational.



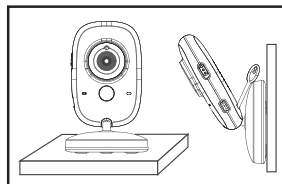
PARENT UNIT – MONITOR (RECEIVER)

- Charge the battery of the parent unit before using it for the first time or when it displays that the battery is drained.
- Insert the adaptor jack in the parent unit and plug it in the socket.
- The battery charging indicator is on.
- Press the ON/OFF button of the unit.



POSITIONING THE BABY UNIT

- There are two ways to position the baby unit:
 1. On a stable flat and horizontal surface
 2. Wall mounted
- Place the baby unit higher to have a better view of the baby bed or playpen. Adjust the position of the baby unit so that you can see the baby best.



MAIN FUNCTIONS

PAIRING THE UNITS

Units are paired in advance by the producer.

In case the connection between the units breaks down, pair the units as described in point II **“PAIRING WITH THE BABY UNIT (CAMERA)”** from the present manual.

VOX or VOICE ACTIVATION

When VOX function is activated, the video display is on only when the baby unit detects sound. If no sound is detected, the display is off to save energy.

To turn the VOX regime on, press the VOX key on the parent unit.

MUSICAL PLAYER

Press the melodies on/off button on the parent unit to play music.

Press the melodies on/off button again and the melodies will stop playing.

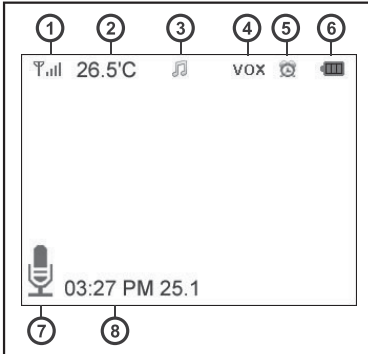
TWO WAY COMMUNICATION

Press the Two way communication ON/OFF key. This will enable you to talk to your child through the speaker on the baby unit. A symbol of microphone will appear in the lower left corner of the video display on the parent unit.

ADJUSTING THE SOUND OF THE SPEAKER

Sound level is adjusted by pressing the keys for up/+ and down/-. The chosen sound level will be appear on the screen for 5 seconds.

VIDEO DISPLAY. ICONS - INDICATORS



1. Signal level
2. Ambient temperature
3. Melody playing
4. VOX activated
5. Alarm activated
6. Remaining charge in battery
7. Two-way communication is on
8. Date and time

VIDEO DISPLAY MENU

I. MAIN MENU

Press the "OK/Menu". The main menu with 6 functional icons will appear on the display:



CAMERA



VOX



ALARM



LANGUAGES



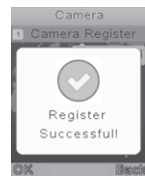
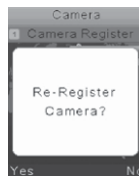
SETTINGS



SYSTEM INFO

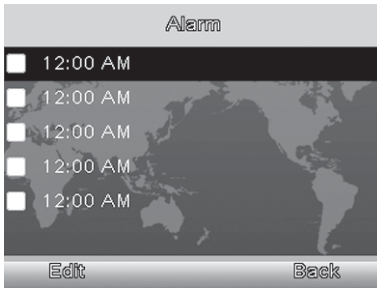
- By using the on/off key in two-way communication, you can see the pointer on the separate icons. Choose a certain icon, press the "OK/Menu" to open a sub-menu.
- Press the return key to go back to main menu.

II. PAIRING WITH THE BABY UNIT (CAMERA)

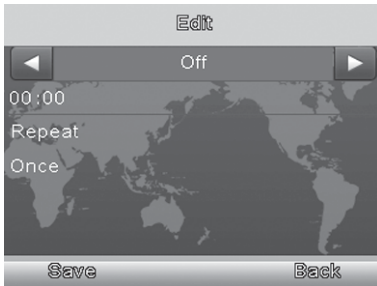


- Select the CAMERA icon and press the key "OK/Menu".
- Press the pairing key and hold for around 10 seconds.

III. ALARM



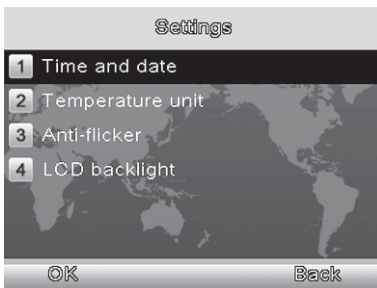
- Select the ALARM icon and press the “OK/Menu” key.
- Use the “Microphone” key to choose an option and after that press “OK”.
- Use the keys „^” and „v”, to insert the settings.



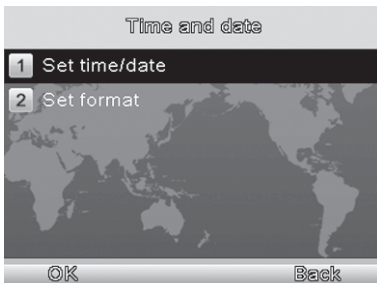
- Use the keys „^” and „v” to activate the alarm (“on/off”).
- Use the “Microphone” key to insert: alarm time /00:00, frequency (repeat) (once, every day, custom: week day);
- Confirm your choice with “OK” key.

IV. SETTINGS

1. Day and time



- Select the SETTINGS icon and press the “OK/Menu” key.
- Choose sub-menu Time and date, after that press the “OK” key.

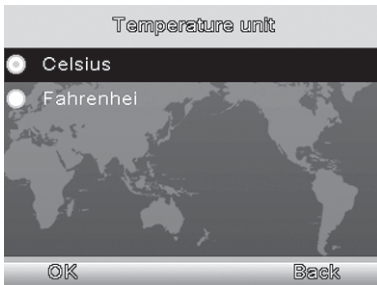


- Select the Set time/date setting, after that press the “OK” key.



- Use the “Microphone” key to choose an option.
- Use the keys „^” and „v”, to insert the desired settings.
- Confirm the settings by pressing the “OK” key.

2. Ambient temperature



- From the “Settings” menu select the Temperature unit and press the “OK” key;
- Use the keys „^” and „v”, to choose the temperature scale Celsius or Fahrenheit.
- Confirm settings by pressing the “OK” key.

3. Image anti-flicker



- From the “Settings” menu, choose the Anti-flicker option and confirm by pressing “OK”
- Use the keys „^” and „v”, to select the suitable frequency to reduce flickering – 50 Hz and 60 Hz.
- Confirm by pressing the “OK” key.

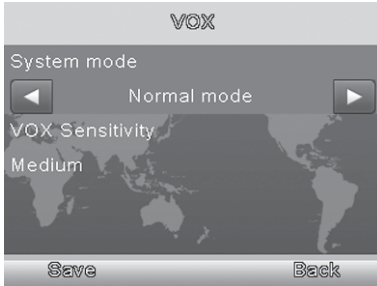
4. LED backlight



- From the “Settings” menu, choose the LED backlight option and confirm by pressing OK”
- Use the keys „^” and „v”, to select the desired brightness values (slider) and time (in seconds) in which the monitor will be off;
- Confirm by pressing the “OK” key.

V. VOX – VOICE ACTIVATION

1. System mode



- Select the „VOX” icon and Confirm by pressing the “OK” key;
- Use the keys „^” and „v”, to select between two modes- normal and VOX mode – the display will be on only when sound is detected by the baby unit.
- Confirm by pressing the “OK” key.

2. VOX mode

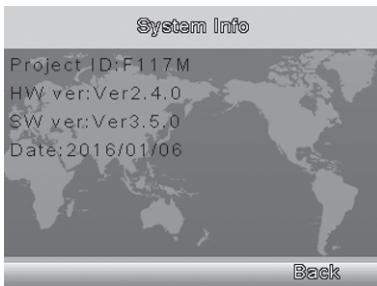
When the VOX regime is on you can choose the sensitivity level – low/medium/high.

VI. LANGUAGE



- Select the „Language” icon and press the “OK” key;
- Use the keys „^” and „v” to choose the language of your menu – English, French, Spanish, Portuguese, Italian, German, Turkish, and Russian.
- Confirm by pressing the “OK” key.

VII. SYSTEM INFO



- Select the „System Info” and confirm by pressing “OK” key;
System data is kept here.

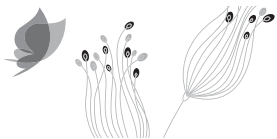
CARE AND MAINTENANCE

- Do not step on the power supply cable and keep it from twisting especially around the connectors, socket and the point where the cable comes out of the unit.
- Keep the units for the parent and baby and the adaptors so that they will have sufficient ventilation. Do not cover them with clothes, towels, covers, etc.
- Always unplug the units from the sockets whenever there is thunder or if you will not use them for a long time.
- Do not immerse the parent or baby units in water, do not wash them with running water.
- Clean the parts of the baby monitor and adaptors with a dry towel after you have turned the units off and unplugged the adaptors from the electricity network.
- Fingerprints and dust on the lens of the baby unit may affect the performance of the camera. Avoid touching the lens with fingers.
- Store in a dry and cool place.

ADVICE FOR CORRECT USE:

- Make sure all parts of the products are in good working order.
- Make sure the parent and baby units have full coverage.
- Make sure the battery in the parent unit is completely charged;
- Make sure the baby unit is plugged in the power source by the adaptor and that there is electricity in the network.

VIBAFP171SI/VB603



CHIPOLINO



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BULGARIA, Plovdiv 4027, 1 Goliamakonsarsko shosse Str.; tel.: + 359 32 600 855; www.chipolino.com



DECLARATION OF COMPLIANCE

I, Nina Mitkova - General Manager of Chipolino Ltd with its place of business at: 1 Goliama Konarsko shosse Str., Tzaratzovo, Bulgaria, as being recognized as the producer, in accordance with the consumer protection law, on my own responsibility, hereby certify and

DECLARE

The product **DIGITAL VIDEO BABY MONITOR "POLARIS", brand CHIPOLINO with its item № VIBEFP171SI**, for which this declaration is about, complies with the requirements of the European Community and is manufactured in conformity with the requirements of:

1. Directives of the European Parliament and the Council:

- 2014/53/EU on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment
- 2014/30/EU on the harmonisation of the laws of the Member States relating to electromagnetic compatibility
- Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
- 2001/95/EU on General Product Safety

2. European standards:

- EN 62311:2008
- EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
- EN 301 489-17 V2.2.1(2012-09)
- EN 301 489-1 V1.9.2 (2011-09)
- EN 300 328 v1.9.1 (2015-02)
- EN 55022:2010+AC:2011
- EN 61000-3-2:2014
- EN 61000-3-3:2013
- EN 55024:2010+A1:2015
- IEC 62321:2008
- IEC 62321:2013
- IEC 62321:2015

3. National Legal Acts:

- Regulation on the essential requirements and conformity assessment of radio and telecommunications terminal equipment
- Conformity on the essential requirements and conformity assessment of electromagnetic compatibility
- Regulation on conformity marking

The compliance is certified by:

- Certificate of conformity № TCT160630E009C/08.06.2016 issued by Shenzhen TCT Testing Technology Co., Ltd, China. The certificate is issued based on reports from tests with № TCT 160530E011/08.06.2016, TCT160530S002/06.06.2016, TCT160530E010/08.06.2016, TCT160530E009/08.06.2016, issued by Shenzhen TCT Testing Technology Co., Ltd, China.
- Certificate of conformity № TCT160530E008C/06.06.2016, issued by Shenzhen TCT Testing Technology Co., Ltd, China. The certificate is issued based on reports from tests with № TCT 160530E008/06.06.2016, issued by Shenzhen TCT Testing Technology Co., Ltd, China.

- Certificate of conformity № TCT160616C016C/29.06.2016, issued by Shenzhen TCT Testing Technology Co., Ltd, China. The certificate is issued based on reports from tests with № TCT 160616C016/29.06.2016, issued by Shenzhen TCT Testing Technology Co., Ltd, China.
- Test report № TCT160607C013/14.06.2016, issued by Shenzhen TCT Testing Technology Co., Ltd, China.

The product is marked with 

The product **DIGITAL VIDEO BABY MONITOR „POLARIS”, brand CHIPOLINO** is intended for use by parents at home as an aid in growing babies and very little children – as connection between the parent and the child

Main features:

- Frequency: 2.4 GHz
- Range: up to 260m на open area without obstacles
- Transmitter power supply (baby unit) through adaptor, in: 100-240V, 50-60Hz, 0.2A, out: 5.0—1000mA
- Receiver power supply (parent unit): through adaptor, in: 100-240V, 50-60Hz, 0.2A, out: 5.0—1000mA and by Li-Ion polymer battery 700mAh
- Transmitter: with camera 0.3 Mega plx CMOS
- Receiver: 3.2 TFT LCD, colour video display with resolution 320x240@20fps.

The product **DIGITAL VIDEO BABY MONITOR „POLARIS”, brand CHIPOLINO with item number VIBEPF171SI** for which this declaration is about is safe for the consumers and does not present any risk for the health and well being of consumers during its use in accordance with the manufacturer's instruction manuals for installation, use and servicing, which are an integral part of the product.

20.03.2017
Plovdiv

NINA MITKOVA,
General Manager of Chipolino Ltd.



CHIPOLINO