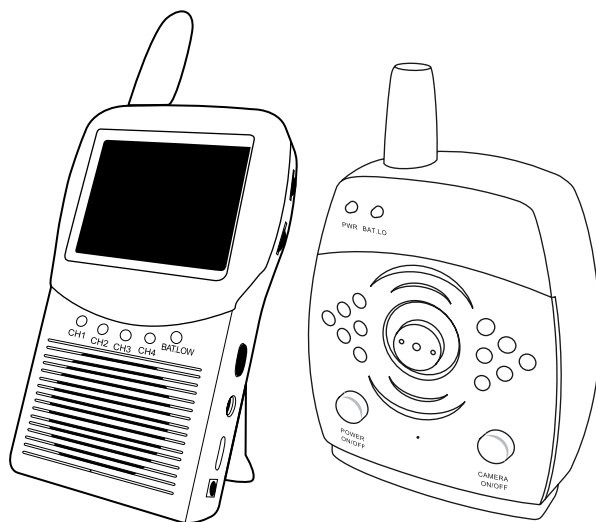


User's Manual

WIRELESS 2.5" COLOR TFT LCD BABY MONITORING SYSTEM

- Portable 2.5" Color TFT LCD with Receiver
- Wireless Color Camera



PLEASE READ CAREFULLY AND SAVE

This manual contains important information about this product's operation.

If you are installing this product for use by others you must leave this manual (or a copy) with the end user.



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Parts Included with this System

- 1x 2.4GHz Wireless Color Camera
 - 1x 2.4GHz Wireless Receiver
 - 1x A/V Cable
 - 1x 7.5V AC/DC Adaptor for the camera
 - 1x 5V AC/DC Adaptor for the receiver
-

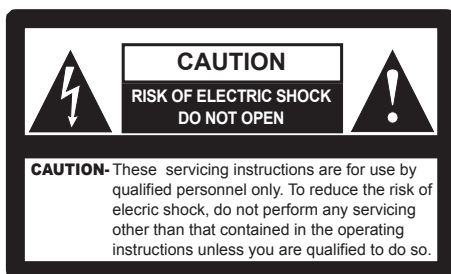
Safety and Hazard Notices



Damages caused with non-compliance of this operating manual lead to the expiration of this warranty! We will not assume any liability for subsequent damages! We will not assume any liability for any damages to items or persons caused by improper handling or non-compliance with the safety notices! Any warranty claim will be null and void in such cases.

- * This product has left the factory in perfectly safe condition. In order to maintain this status and ensure a safe operation, the user must observe the safety notice and warnings ("ATTENTION" and "NOTICE") contained in this operating manual.

Important Safety Instructions



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

PLEASE READ CAREFULLY AND SAVE

This manual contains important information about this product's operation. If you are installing this product for use by others you must leave this manual (or a copy) with the end user.

- * Use only a (110V - 240 Volt / 50 hz -or 60 Hz) adapter for the product to plug into a standard wall outlet receptacle. Never attempt to operate the product with a different voltage.
- * Ensure all electrical and/or cable connections between the Monitoring System's camera and receiver are connected correctly and conform to the operating instructions.
- * In commercial institutions, make sure you observe the accidental prevention regulations of the commercial trade organization for electrical installations.
- * In schools, training facilities, hobby and self help workshops, qualified personnel need to supervise the installation of this product.
- * Observe the safety notices of any other products connected to this system.
- * Contact an expert when you have any doubts about the mode of operation or safety issues when connecting this system.
- * When opening the battery covers, or removing any parts from the product(s) you may expose live wires/parts. Prior to aligning, cleaning, servicing, repair

work or exchanging parts or modules, you must separate the product(s) from any power sources first. Only an expert familiar with the risks and any pertinent regulations should maintain/repair the product(s).

- * Never plug-in or unplug the products power cord or battery case section with wet hands.
- * Never tug on any cords attached to the product. Hold the plug when unplugging from the wall outlet.
- * Unplug the product(s) from wall outlet(s) during thunderstorms.
- * Make sure that all cables do not get squashed or damaged by sharp edges when installing the product(s).
- * Never replace a damaged power cord yourself! Take the product to a qualified electrician for repair.

FCC/CE Warning



The FCC Wants You to Know

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and CE I-ETS 300 440. 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.
- Contact your local electronic store for help.

FCC Information

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.

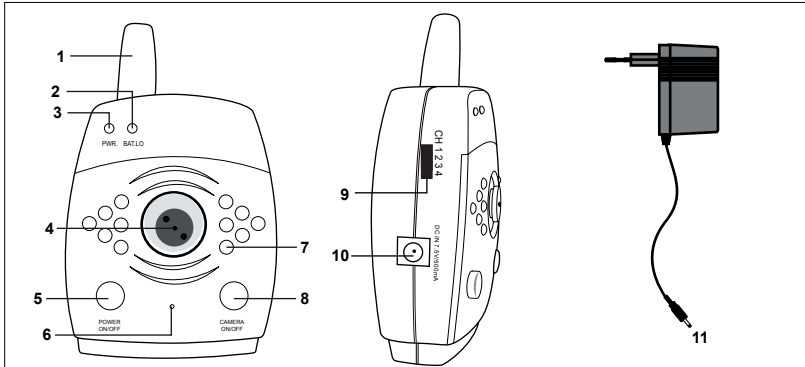
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Installing the Camera



ATTENTION!

Prior to drilling and inserting the screws, make sure that there are no electric cables pipes, etc. in the wall that could be damaged.



- | | |
|-------------------------|---|
| 1 Antenna | 7 IR LED |
| 2 Low battery indicator | 8 Camera ON/OFF switch
(camera kit/baby monitor) |
| 3 Power indicator | 9 Channel switch |
| 4 Eye ball camera lens | 10 DC Power |
| 5 Power ON/OFF switch | 11 Power adaptor plug with low voltage switch |
| 6 Microphone | |

Installing and Connecting the Devices

Select a suitable installation site from which you can monitor the desired area.
A suitable installation site has the following features:

- dry
- good air circulation
- as dust-free as possible
- a wall outlet in close vicinity
- few vibrations

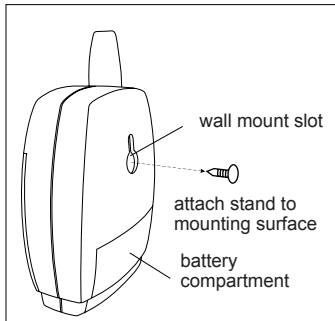
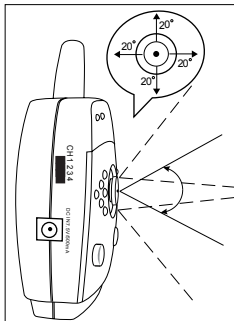


Select an installation site that is not screened off by reinforced concrete walls, mirrors, metal shelves, etc.

There should not be any appliances with strong electric fields close to the sender or the receiver.

The above points could severely impair radio transmission and reduce the units field 16' (5m) range.

Fastening the wall bracket



- Look for a suitable place for mounting (with a socket near-by).
- Screw the wall bracket with the supplied screws to a suitable wall or platform, using dowels if relevant.
- Align the camera and screw the corrugated plastic sleeve tight.
- See the System Installation section for battery instructions.

Connecting the Camera

Connect the small voltage plug of the power unit to the voltage supply jack of the camera. Pay attention to the correct output voltage of 7.5V DC!

- Insert the plug-in power unit into a suitable wall outlet.
- The camera is now ready for use.

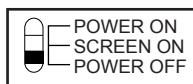
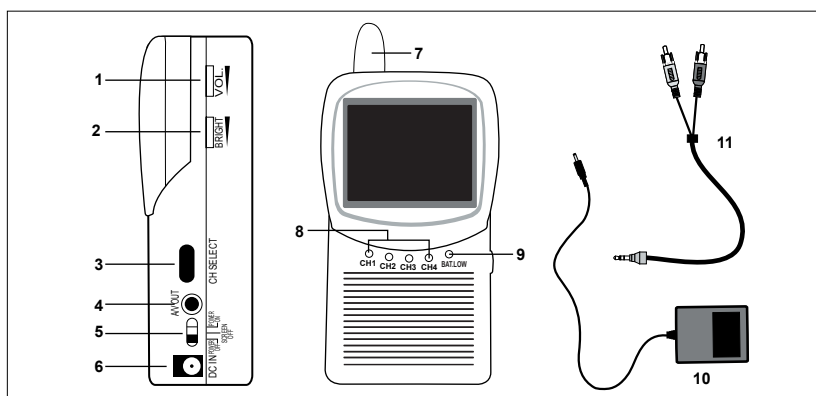
Installing the Receiver

Install the monitor approx. 3' (1 m) above ground (for better reception). A wall outlet should be near by.



ATTENTION!

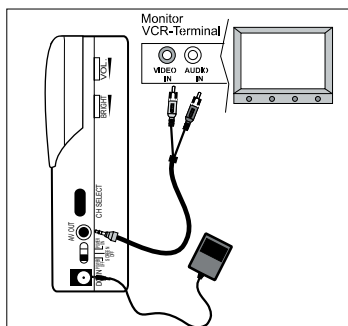
Place the monitor on a sturdy, stable surface. If the surface is delicate, use a suitable underlay to protect it from damage.



- 1 VOL. Control
- 2 Brightness Control
- 3 CH Select
- 4 A/V Output
- 5 LCD Power ON/OFF

- 6 DC Power
- 7 Antenna
- 8 Channel LED
- 9 BAT.LOW LED
- 10 Power adaptor plug with low voltage switch
- 11 A/V Cable

Connecting the Receiver



- Connect the AV cable as shown to a suitable monitor or TV system with an AV cinch input and the receiver (white/red plug = audio (tone in mono), yellow plug = video).
- Connect the small voltage plug of the power unit to the voltage supply jack of the receiver. Pay attention to the correct output voltage of 5V DC!
- Insert the plug-in power unit into a suitable wall outlet.
- The receiver is now ready for use.
- See the System Installation section for battery instructions.

System Installation

When installing the camera, check the reception of the monitor before final installation. Have someone hold the camera in the area to be monitored. Have another person move the monitor to a variety of locations throughout the house to check the reception. If interference or any other problems occur, refer to the "Troubleshooting" section of this manual.

To install the system follow these steps:

Monitor:

1. Plug the 5V AC/DC adapter cord into the DC output jack on the side of the monitor.
2. Plug the adapter into a standard (110V - 240V) AC wall outlet. Press the power button to turn on the monitor.
3. A/V outputs on the LCD monitor can be connected to the A/V input on a TV set for the large screen display, or to the A/V inputs on a VCR for recording.
4. You can use the AC/DC adapter for long time use or four "AAA" batteries for mobile use. The lifetime of four "AAA" batteries in use is 45 minutes.

Camera:

1. Plug the 7.5V AC/DC adapter cord into the DC input jack on the back of the camera.
2. Plug the adapter into a standard (110V - 240V) AC wall outlet.
3. You can use the AC/DC adapter for long time use or two "AA" batteries for mobile use. The lifetime of two "AA" batteries in use is 1.5 hr w/o IR function and 1 hr with IR function.

System Setup:

1. Select a channel (Channels 1-4) to be used on both the camera and the receiver.

NOTE: Make sure both the camera and the receiver are **set to the same channel** (1, 2, 3, or 4) and that the camera is turned to the on position.

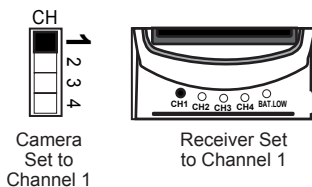
2. Select the desired channel by gently pushing the dip switch to the same channel number on both the camera and the receiver.

For example, to set both the camera and receiver on Channel 1:

Push the Channel 1 dip-switch located on the side of the camera and the receiver to the same number.

3. For the baby monitoring feature, place the camera's "ON/OFF" switch to the "OFF" position on the transmitter unit.

NOTE: Make sure the camera and receiver are **set to the same channel** number first.



System Installation (con't)

Additional Notice - When installing the camera, check the reception of the receiver **before** the final installation. Have someone hold the camera in the area of to be monitored and another person to check the reception on your TV or monitor. If interference or other problems occur, refer to the "Troubleshooting" section of this manual.

Maintenance

This system is maintenance free - do not open the unit(s)! Your guarantee will become void if you do. Before cleaning, unplug the product(s) from all voltage sources and clean the outside with a soft dry cloth or brush.



ATTENTION!

Do not use any carbolic cleaning agents, petrol, alcohol or similar chemicals which can damage the surfaces of these unit. Do not use any sharp edged tools, screwdrivers, metal brushes or similar items to clean these units.

Technical Data

	Camera	Receiver
Operating Voltage	7.5V DC (plug-in power unit) battery operation 2 x "AA" Alkaline	5V DC (plug-in power unit) battery operation 4 x "AAA" Alkaline
Current Consumption	200 mA	600 mA
Transmitting Frequency	2.4-GHz	2.4-GHz
Modulation	FM	
Channels	4	4
Light Sensitivity	0 Lux	
Video Output Level		1Vp-p / 75 Ohm
Audio Output Level, mono		1Vp-p / 600 Ohm
Audio/Video Connection Jacks		3.5mm jack > cinch
Picture Sensor	1/3" CMOS color 628x562 pixel (PAL) or 510x492 (NTSC)	2.5" TFT
Resolution	330 TV lines (horizontal)	480x234
Microphone	mono	
Picture	Color	
Range	100m / 300 ft (line of sight)	100m / 300 ft (line of sight)
Operating Temperature	14 to 122°F / -10°C to +50°C	14 to 122°F / -10°C to +50°C
Mass approx. (without tripod)	157g	160g
Dimensions without Aerial	2.95 x 1.3 x 4.8 (inches) 75x33x122mm (LxWxH)	2.95 x 1.3 x 4.8 (inches) 75x33x130 (LxWxH)

Plug-in power units

Operating Voltage	110-240V / 60 or 50 Hz	110 - 240V - 60 or 50Hz
Output Voltage	7.5V DC / 500mA	5V DC / 1000mA

Disposal

If the camera system no longer functions properly and cannot be repaired, it must be disposed of according to valid statutory regulations for your area.

Disposing of spent batteries and toxic materials



All batteries, accumulators and toxic substances must be recycled properly. They are not to be disposed of in regular household waste but to a collection point in your community area. Abbreviations for the respective heavy metals can be found on the side of the product(s) and are shown as:

Cd = cadmium, **Hg** = mercury and **Pb** = lead.

Troubleshooting



You can easily fix any problems or malfunctions.
Observe the safety notices under all circumstances!

Error	Possible Cause
No image and no sound	<ul style="list-style-type: none">• Camera or monitor not supplied with electricity• Power source is plugged in incorrectly or the batteries are drained• Distance between camera and receiver is too large.• The same channels are not set on the camera and the receiver
The image/sound is distorted	<ul style="list-style-type: none">• System's range between camera and receiver was exceeded.• There is a strong interference source nearby.• Distance between units is too short and may over steer the receiver. Increase the distance.• The supply voltage is too low (change batteries).
Flickering/running image	<ul style="list-style-type: none">• Strong spotlight in the cover range of the camera• Adjust the vertical hold.
Normal sound, but image is too light or too dark.	<ul style="list-style-type: none">• The monitoring range of the camera is not lit properly• Surveillance monitor is adjusted wrong. (readjust contrast or brightness).• Strong spotlight in the cover range of the camera.
White image only on the monitor	<ul style="list-style-type: none">• The supply voltage is too low (change batteries or power pack operation).• The surveillance monitor is not correctly adjusted (brightness controller).



ATTENTION!

All other repairs not described above should only be performed by an authorised Repair Centre.



LIMITED WARRANTY

Who is Providing This Warranty?

- Orbyx Electronics, LLC ("Orbyx"), as the distributor of this Nexxtech™ product (your "Product").

What Does This Warranty Cover?

- This warranty covers defects in materials or workmanship in your Product under normal use and conditions.

What is the Period of Coverage?

- This warranty covers your Product for 90 days from the original purchase date.

Who Is Covered?

- This warranty covers the original consumer purchaser. Coverage terminates if you sell or otherwise transfer your Product.

What Will We Do To Correct Problems?

- We will repair your Product or replace your Product with a new or reconditioned equivalent product, at our option.

How Do You Get Service?

- Call Orbyx TOLL FREE at 1-866-363-3059 for instructions for obtaining warranty service from Orbyx's authorized service providers.
- Or, return your Product directly to the retail store from which you purchased the Product.
- When you obtain service for your Product, you must provide a purchase receipt (or other proof of the original purchase date) and a description of the defect(s).

What Does This Warranty Not Cover?

- This warranty DOES NOT COVER:
- damage due to misuse, abuse, alteration, unauthorized repair, or accident (such as improper electrical current);
- damage due to "acts of God" (such as lightning) or other contingencies beyond our control;
- cosmetic damage;
- externally generated static, signal reception or antenna problems not caused by your Product; or batteries.
- This warranty also DOES NOT COVER, and in no case will we be liable for, any incidental damages (such as transportation costs to and from an authorized service provider, or loss of time) or consequential damages (such as costs of repairing or replacing other property which is damaged, including tapes, discs, speakers not included with your Product or other accessories, or external electrical systems) resulting from the use of your Product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

- Defacing the serial number, or using your Product for commercial or institutional purposes, voids this warranty.

Are There Other Warranties?

- There are no express warranties other than those expressed herein. Neither the sales personnel nor any other person is authorized to make any other warranties or to extend the duration of any warranties.
- ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY (AN UNWRITTEN WARRANTY THAT A PRODUCT IS FIT FOR ORDINARY USE), ARE LIMITED TO 90 DAYS. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

How Does State Law Apply?

- This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



LIMITED WARRANTY

ORBYX ELECTRONICS WARRANTY

ORBYX Electronics warrants that this product will be free from defects in materials and workmanship for a period of ninety (90) days from the date of purchase. Within this period, simply take the product and your proof of purchase to any ORBYX Electronics store or dealer and the product will be repaired without charge for parts and labour. ORBYX Electronics reserves the right to charge for transportation. Any product which has been subject to misuse or accidental damage is excluded from this warranty.

This warranty is only applicable to a product purchased through ORBYX Electronics' company owned stores and dealers and to a product that is presented for repair in a country where ORBYX Electronics offers the product for sale. While this warranty does not confer any legal rights other than those set out above, you may have additional statutory rights which will vary under the laws of the various countries, states, province and other governmental entities in which ORBYX Electronics operates. This warranty is subject to all statutory rights you may have in the country of purchase.

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Manufactured in China

For product support please contact www.orbyxelectronics.com or 1-866-363-3059



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