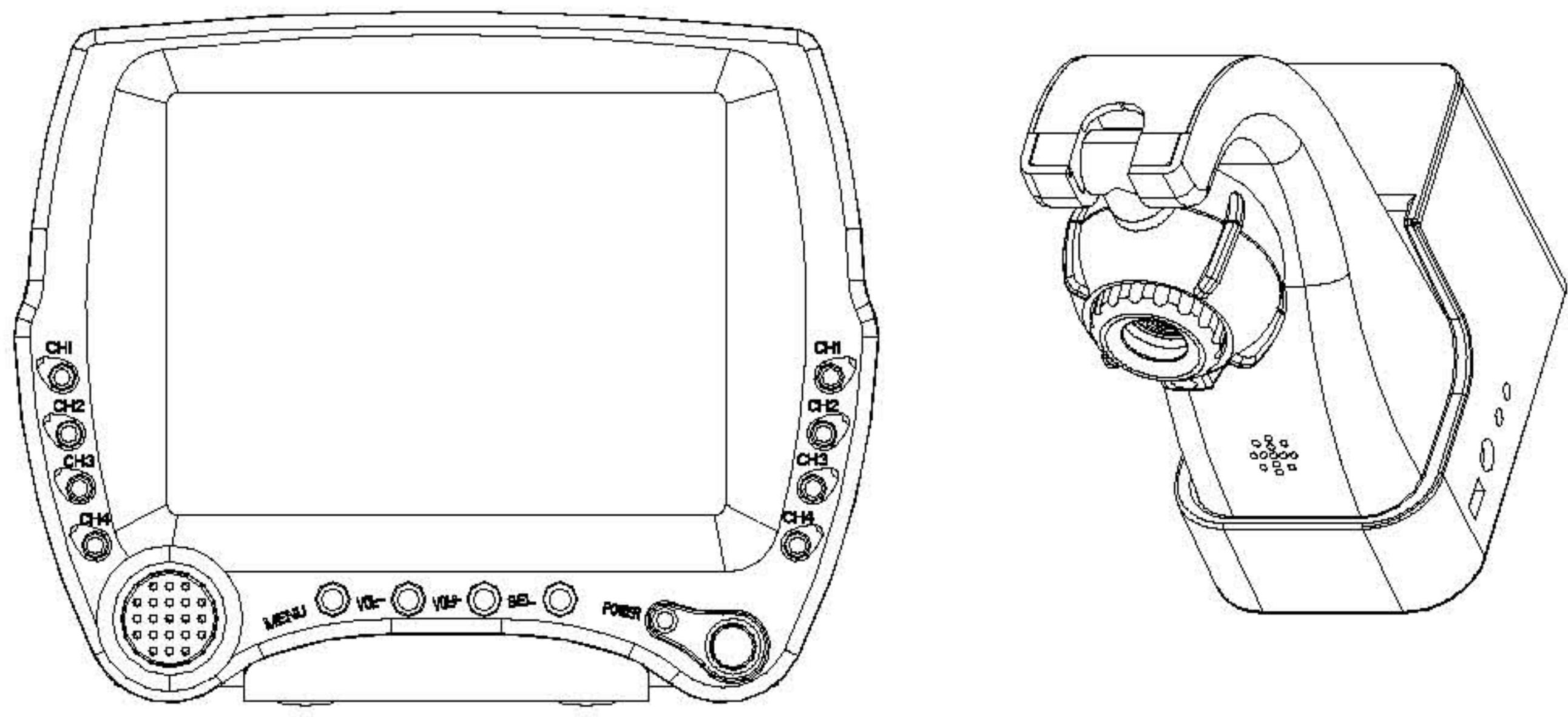


# **Color 2.4 GHz Wireless Baby Guard**

## **User's Manual**



Please read all these safety and  
operating instructions completely.

## FEDERAL COMMUNICATIONS COMMISSION (FCC) OR CE

This equipment has been tested and found to comply with the limits for the device , pursuant of the FCC OR CE rules .these limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, use ,and can radiate radio frequency energy and ,if not installed and used in accordance with the instruction , may cause harmful interference to radio communication .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 more of the following measures:

- reorient or relocate the receiving antenna
- increase the separation between the equipment and the receiver.

Shielded interconnect cables and a shielded AC power cable must be employed with this equipment to ensure compliance with the pertinent R emission limits governing this device .changes or modifications not expressly approved by the system's manufacturer could void the user's authority to operate the equipment. This device . changes or modification not expressly approved by the system's manufacture could void the user's authority to operate the equipment.

### Declaration of conformity

This device complies with part 15 of the FCC rules . operation is subject to the follow.

- this device may not cause harmful interference ,and
- this device must accept any interference received. Including interference that may cause undesired operation.

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## Important Safety Precautions Before Setting Up

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Congratulations on purchasing 2.4GHz Wireless Baby Guard. Before operating your Wireless Baby Guard, please read all these safety and operating instructions completely and then retain for future reference.

1. To prevent entanglement, never place the transmitter in crib or playpen.
2. Do not place the transmitter on any surface or mount it on any wall where the transmitter or its AC adapter cord are within reach of baby.
3. Keep the transmitter and receiver out reach of children.
4. Never use the transmitter or receiver near water. For example, do not use near a bathtub, washbowl, laundry tub, kitchen sink, in a wet basement. etc.
5. Disconnect the AC adapters from wall outlets during long periods of nonuse.
6. Position the transmitter, receiver and AC adapters to allow adequate ventilation.
7. Keep the transmitter out of direct sunlight.
8. To prevent overheating, keep the transmitter, receiver and AC adapters away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) which produce heat.
9. Use only the adapters provided. Use of any others may damage the transmitter and/or receiver.
10. Plug into an electrical outlet with standard household power.

## Important Safety Precautions Before Setting Up

- 1 Changes or modifications not approved by SELLER could void user's authority to operate the equipment.
- 2 Do remember that you are using public airwaves when you use the Wireless Baby Guard and that sound and video may be broadcast to other 2.4GHz receiving devices. Conversations, even from rooms near the transmitter, may be broadcast. To protect the privacy of your home, always turn the transmitter off when not in use.

The following elements should be included in the box. Please check that you have them all before installation.

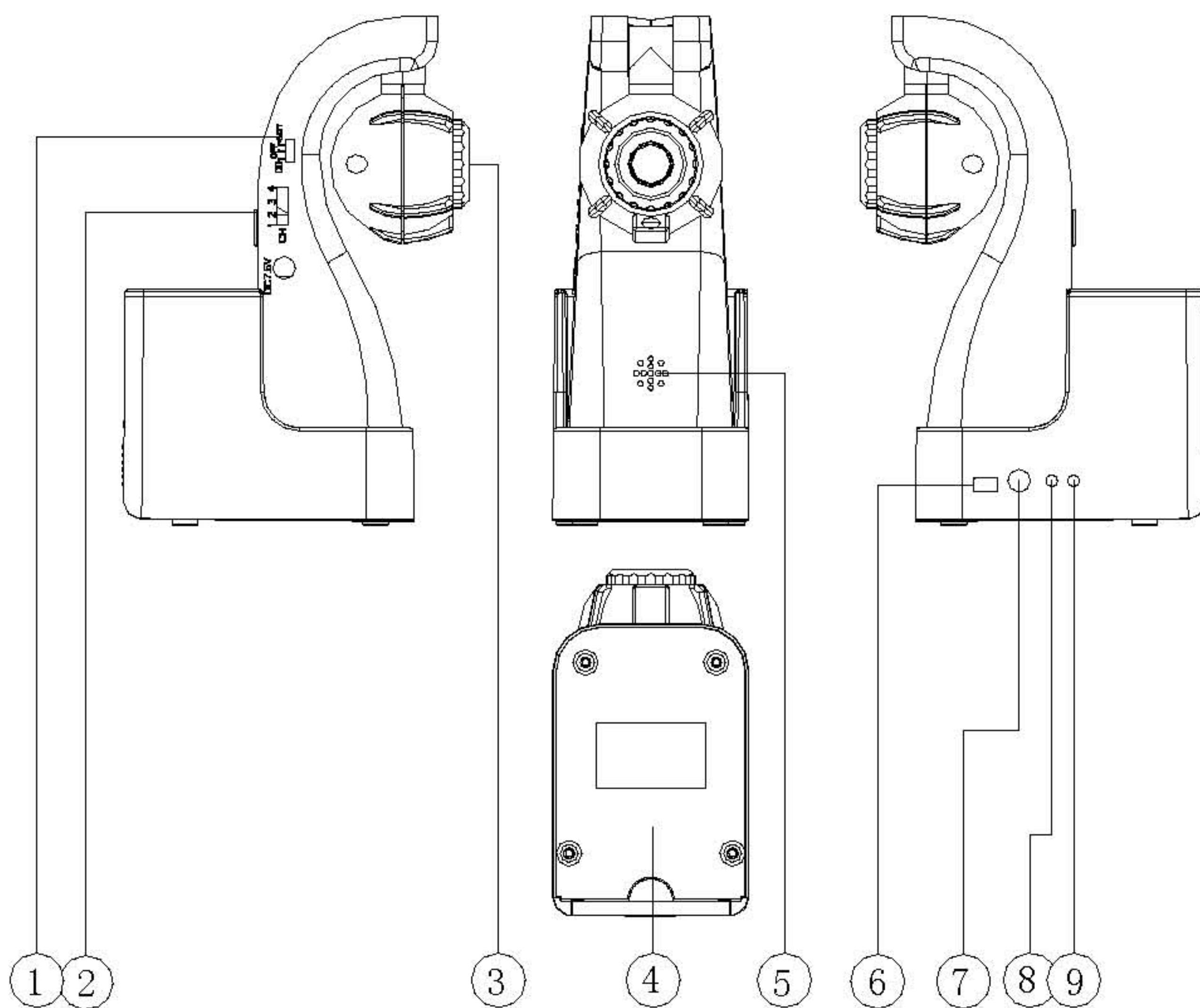
- 1 Transmitter with camera.
- 2 Receiver with monitor.
- 3 7.5V DC adapter for transmitter only.
- 4 12V DC adapter for receiver only.
- 5 Remote control
- 6 Transmitter battery case
- 7 Receiver battery case
- 8 AV cable

Warning: Two DC of adapters are included with the Wireless Baby Guard.

The DC adapters can not be interchangeably used. Use the adapter labeled out OUTPUT: 7.5V DC with the transmitter.

USE the adapter labeled OUTPUT: 12V DC with the receiver.

## Transmitter

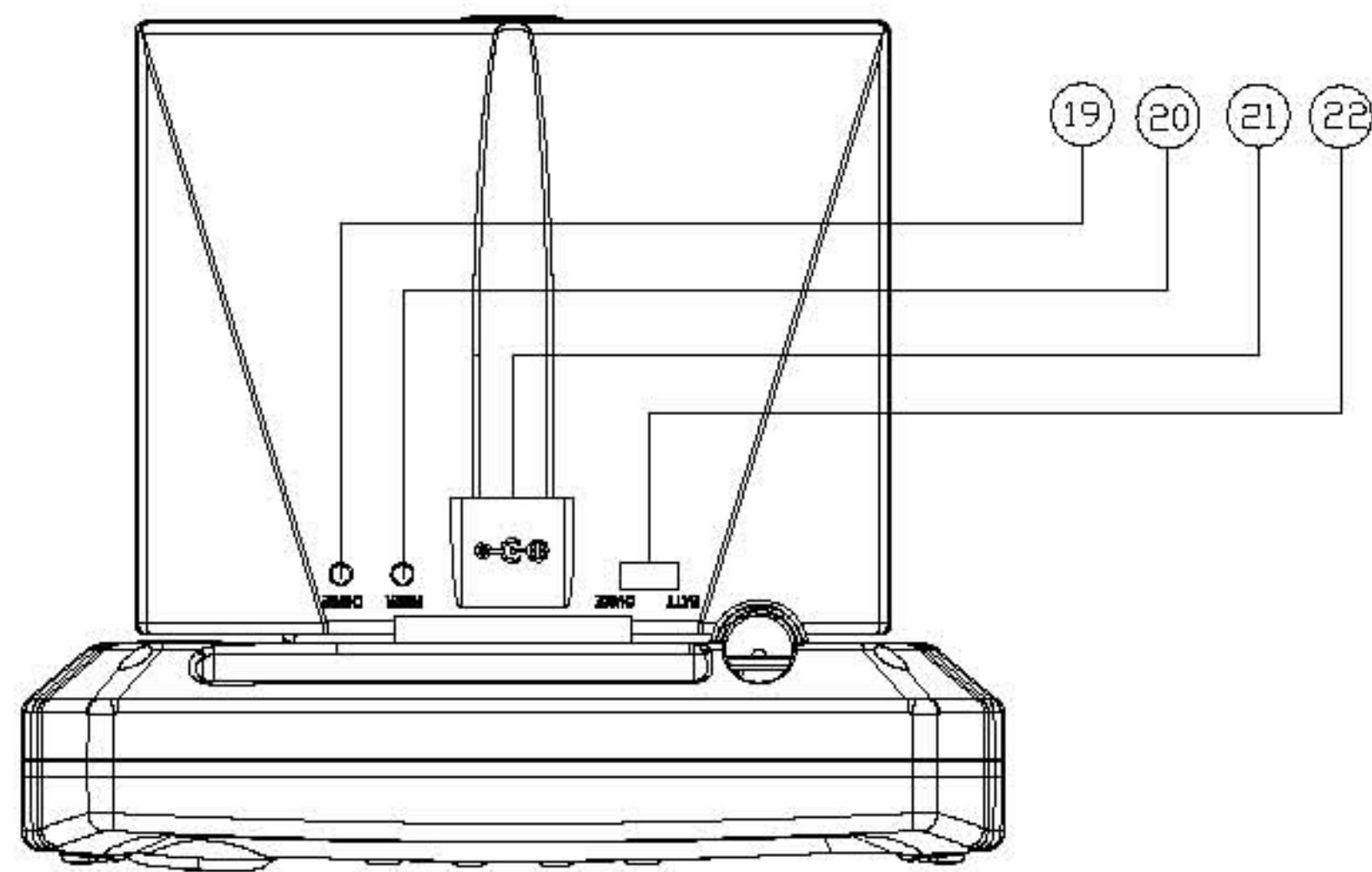
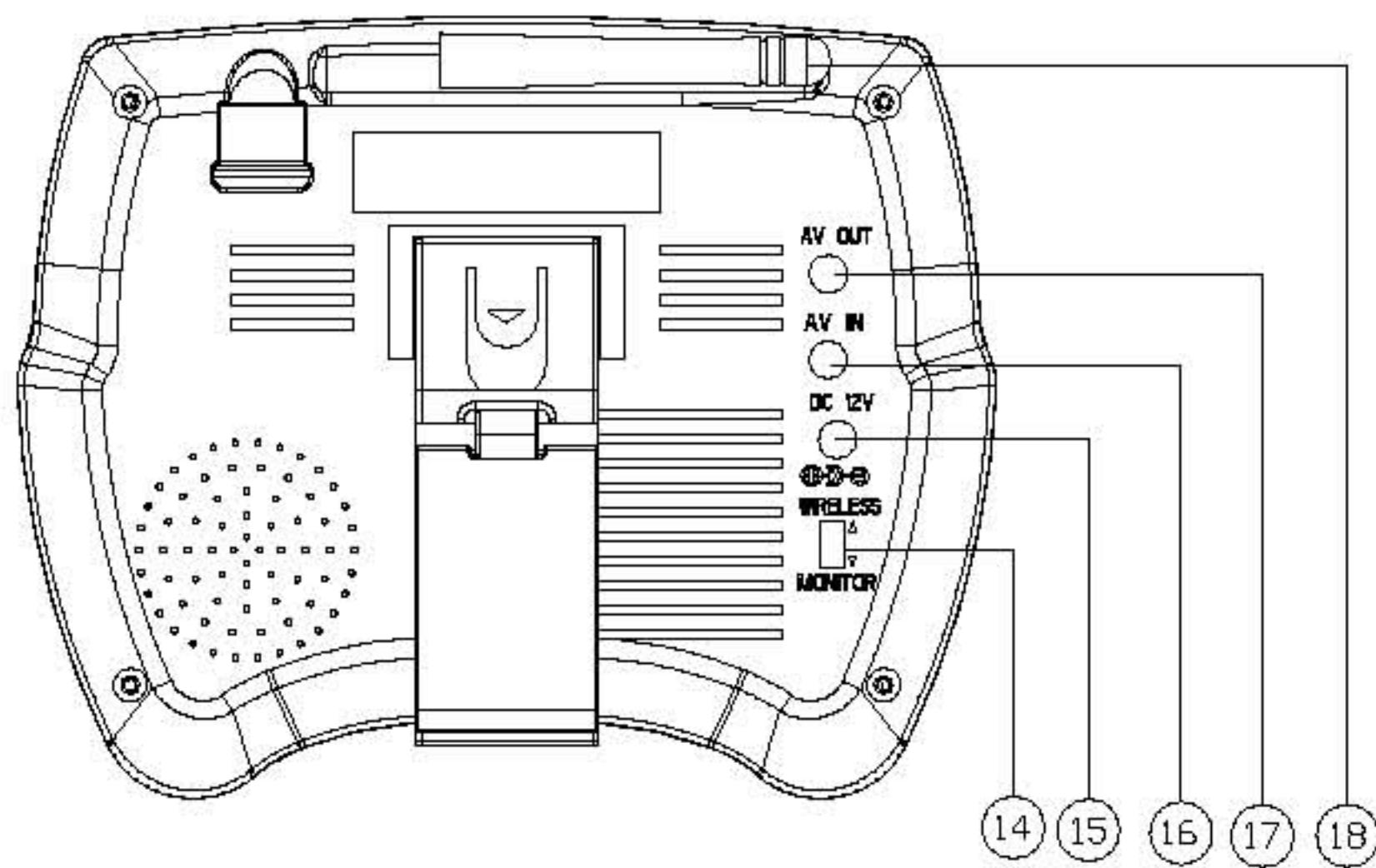
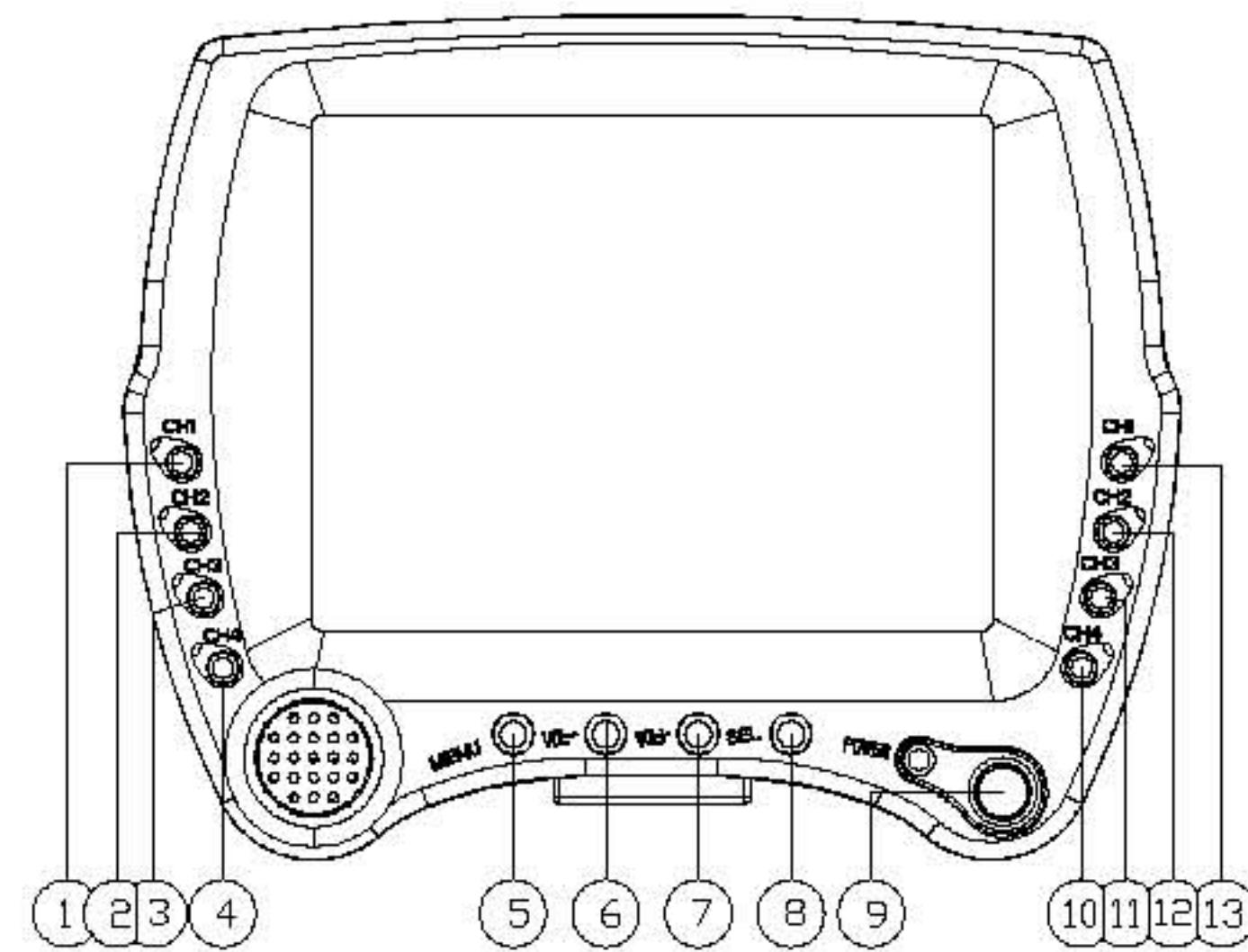


\*The transmitter can be wall mounted on the wall mount bracket, or it can be easily removed from the wall mount bracket for placement on a flat surface, such as a table top . dresser or shelf.

1. power switch	2. channel switch
3. power LED	4. battery cover
5. Microphone	6. charge switch
7. DC jack	8. red LED (power on)
9. green LED (charge on)	

\* channel selection . it is possible for the receiver to pick up sounds or display interfaces from other signal producing devices. To minimize the potential for this problem. Four channels are available for use. Make sure that the transmitter and receiver are set to the same channel.

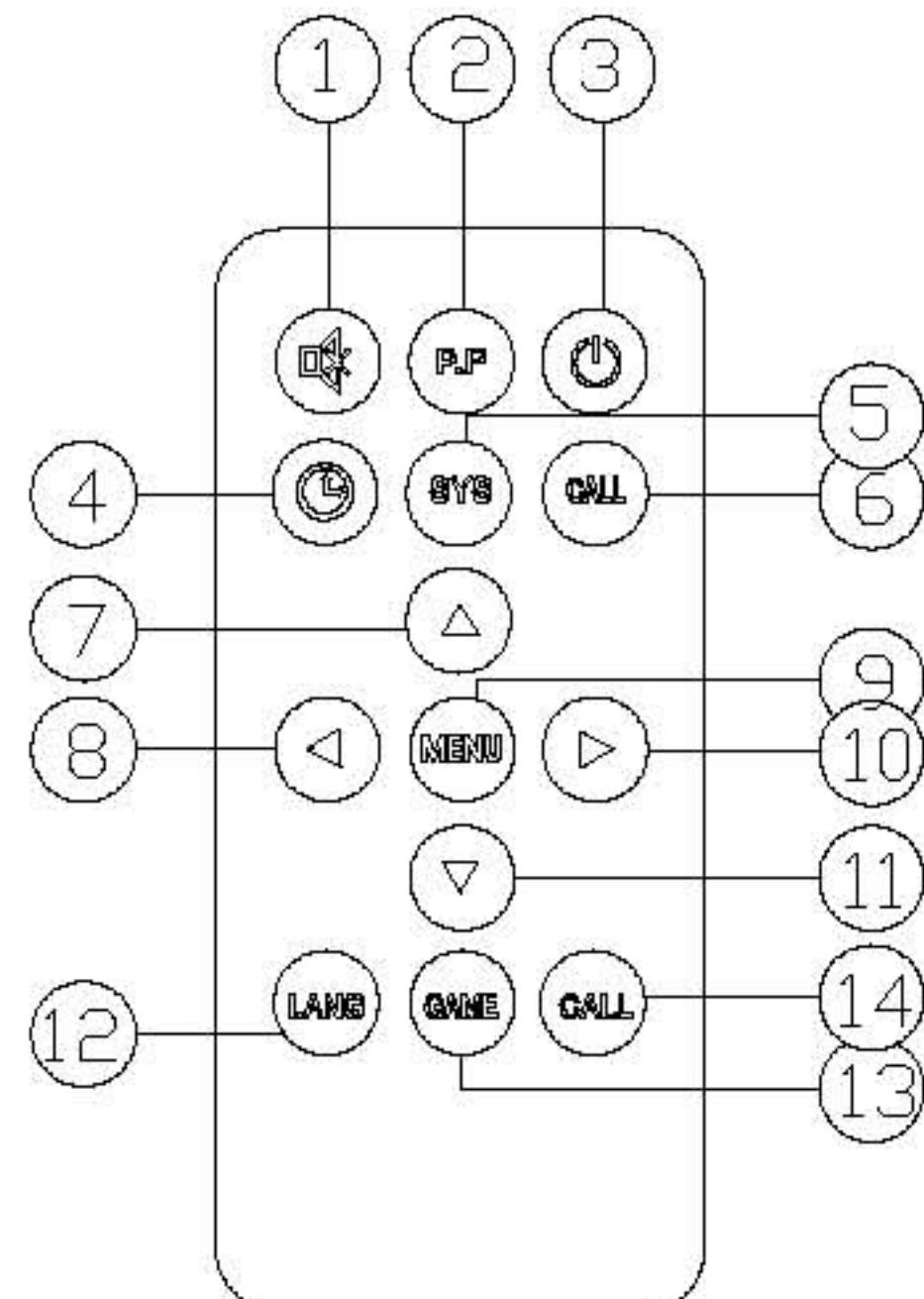
## Receiver



1. channel 1	2.. channel 2
3. channel 3	4. channel 4
5. menu button	6. volume - button
7. volume + button	8. select button
9. power switch	10.CH4 switch
11. CH3 switch	12 CH2. switch
13. CH1 switch	14. wireless/general monitor switch
15. DC jack	16. AV input jack
17. AV output jack	18. antenna
19. charge led	20. power led.
21. charge dc jack	22. charge switch

\* Make sure that the transmitter and receiver are the same channel.

## Remote control



1. Mute	2. picture model
3. power	4. sleep
5. system select	6. calendar
7. Sel. Up	8. volume -
9. Menu	10. volume +
11. Sel. down	12 language select
13. game	14. call

## Setting Up your Wireless Baby Guard 4

If you wish to wall mounting the transmitter, it is recommended that the reception of the Video Monitor be tested before installing the wall mount bracket. Have one adult hold the transmitter against the wall at the selected mounting area while another adult moves the receiver to a variety of locations throughout the house to check reception.

If interference or other problems develop, please refer to check the section of this User's Guide titled "if you Have Any Questions". You may need to select a different location in the room for mounting. The following steps show you how to set up the Wireless Baby Guard:

- 1 Make sure the transmitter and receiver are set to the same channel. (CH1, 2, 3, or 4)
- 2 Plug the jack on the 7.5V DC adapter cord into the DC adapter socket on the left side of the transmitter.
- 3 Plug the DC adapter into a standard wall outlet.
- 4 Slide the ON/OFF switch on the side of the transmitter to the "DC" position. The power indicator will light.
- 5 Adjust the angle and focus of the camera lens for best view of baby. Point the microphone pick-up directly toward baby.
- 6 Position the antenna so that it points to the ceiling.
- 7 Plug the jack on the 12V DC adapter cord into the DC adapter socket on the back of the monitor.
- 8 Plug the AC adapter into a standard wall outlet.

Turn the receiver on.

## Setting Up your Wireless Baby Guard

- 1 Adjust the volume switches to a comfortable level.
- 2 Adjust the video image using the remote control
- 3 Locate and orient the antenna on both the transmitter and receiver according to the section of this User's Guide

Titled "Orienting Antenna for Optimal Performance."

## What else can the Wireless Baby Guard do for you

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#### **Auto-sequence function**

With the Wireless Guard, user's can monitor a series of rooms for maximum supervision of the home (or office). The Wireless Baby Monitor can use up to four transmitters on four different channels, while the receiver can receiver signals on up to four different frequencies and display them in sequence. The wireless Baby Guard with four switches for four channels, when two or three or four switches put down, two or three or four channels display in sequence. Sequence interval time, displays at eight second intervals.

CH1~4 channel switch: setting up the automatic channel sequence function:  
Setting down the channel switch that you wish to view, setting up the channel switch that you wish to deactivate.

#### **Monitor to A/V function**

The Wireless Baby Guard receiver unit has audio/video outputs which can be used to transfer the picture and sound from the monitor screen to a TV screen. Connect the outputs to the A/V input on a TV set for a large screen display, or connect the outputs to a VCR to record transmissions for later viewing.

## What else can the Wireless Baby Guard do for you

#### **Connect wire camera**

The Wireless Baby Guard receiver unit can be received the picture and sound from the wire camera. Connect the Video input and Audio input to wire camera outputs, the unit can display the picture and sound.

Symptoms	Check Points
No power is supplied to the Transmitter or Receiver.	<p>4 Is the power cord disconnected ?  - Connect it.</p> <p>5 Transmitter /Receiver is not turned on  - Slide the ON/OFF switch to the “ON” position.</p> <p>6 Wrong AC adapter used.  - Use the AC adapter labelled output: 7.5V with the transmitter, 12V with the receiver.</p>
No sound or Picture.  Noisy sound or Picture.	<p>7 Channel switches are not the same setting.  - Set the transmitter and the receiver to same channel.</p> <p>8 Signal interfere due to microwave oven .  - Turn off the oven or remove it from path between transmitter and receiver.</p> <p>● Signal interfere due to other signal producing devices.  - Change the channel setting on both the transmitter and the receiver.  - Identify and eliminate the source of interference.  - Relocate the transmitter and /or receiver.</p> <p>● Out of range.  - Relocate the transmitter and /or receiver.</p> <p>9 Improper antenna position.  - Adjust transmitter / receiver antenna orientation.</p>

## Specifications

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### Receiver (Monitor)

Rx Description		
Video System	NTSC	PAL
Receiver Frequency	2.4GHz	2.4GHz
Max. Range (clear line of sight)	300 feet	300 feet
Receiver Antenna	Directional	Directional
Receiver Sensitivity	-25~ -90dBm	-25~ -90dBm
Sound		
Max. Output	500mW	500mW
The output 10%	380mW	380mW
Linearity V	1%	1%
H	1%	1%
Pincushion V/H	1%	1%
Barrel Dist V/H	1%	1%
Keystone Distortion	1%	1%
Current Consumption	1200 mA	1200 mA
Power Supply	DC 12V	DC 12V

### Transmitter (CMOS)

Tx Description		
Video System	NTSC	PAL
Transmitter Frequency	2.4GHz	2.4GHz
Max. Range (clear line of sight)	300 feet	300 feet
Transmitter Antenna	Directional	Directional

Transmitter Sensitivity	0dBm FCC	10dBm CE
Number of Effective Pixels	320×240	352×288
Picture of color	COLOR	
Optical Size	1/3"	
Scanning system	2:1 interlace	
Resolution (TV line)	320 (h)	
Auto Exposure	1/60 – 1/10000 sec.	
Camera Correction	Auto	
Indoor /outdoor	Indoor only	
MIC. Sensitivity	1.5– 2.5meters	
Aux. Input system	1×video, 1×audio NTSC/PAL	
Number of Channels	4	
Current Consumption	500mA	
Power Supply	DC 7.5V	

## BATTERY OPERATION

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Push down the battery compartment cover., where it says open ,and slide it from the battery , insert 10xE size 1.2v rechargeable batteries , take note of the polarity markings inside the battery compartment .replace the batter compartment cover .with a full set of batteries installed, the transmitter and the receiver can be used . The receiver will drain the batteries faster than the transmitter . it is recommended that you charge the batteries if you do not plan to use this option in the immediate future ,as old batteries can leak and cause damage. Please take the batteries out .

With batteries fitted and the mains adaptor plugged in. the batteries are overridden and the power requirements are supplied by the mains adaptor .we recommend that you only install batteries when you need the unit as a portable unit.

Warning : explosion may occur if you mix different types and makes of batteries.