

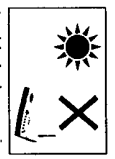
**Equipment:**

- Single Receiver Controller
- Single Transmitter Camera
- Two DC 12 volts adaptors
- Two antennas for transmitter and receiver
- Single audio / video connecting cord
- Single set of camera mounting bracket

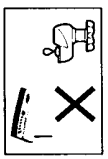
**Features:**

- Simultaneous video and audio transmission
- Ultra high frequency
- PLL anti-interference design
- Wireless, keep interior decoration free from damage of cable installation
- Mobile convenience, can be moved to other locations in 3 minutes
- D.I.Y. installation in 10 minutes, no need for expansive electricians
- Can be used with monitor, TV or VCR
- 1/3" pin-hole size camera lens for discreet location
- Wide angle lens with low light viewing
- Up to 3 channels for 2.4 Ghz model, 8 channels for 1.2 Ghz model

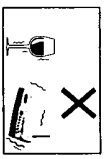
**Before starting:**



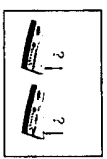
Avoid placing equipment under direct sun light



Avoid placing at damp place or near moisture



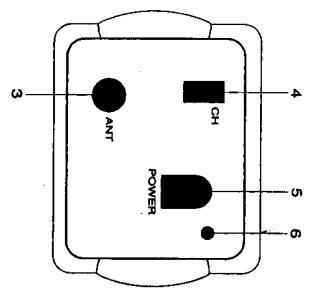
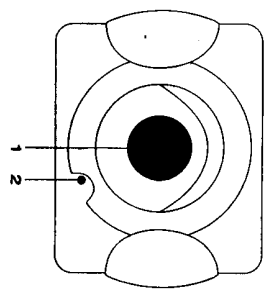
Avoid placing at place with frequent vibration



Do not place 1.2 Ghz model within 150 meters indoor, 300 meters outdoor; 2.4 Ghz model 50 meters indoor, 150 meters outdoor

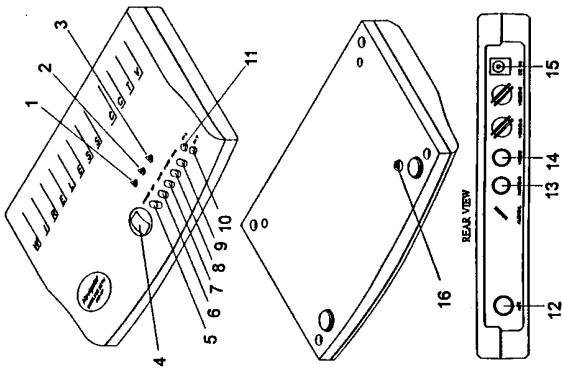
**Transmitter camera parts:**

1. Lens
2. Microphone
3. Antenna
4. Channel setting switch
5. Adapter jack
6. Power Indicator



**Receiver controller parts:**

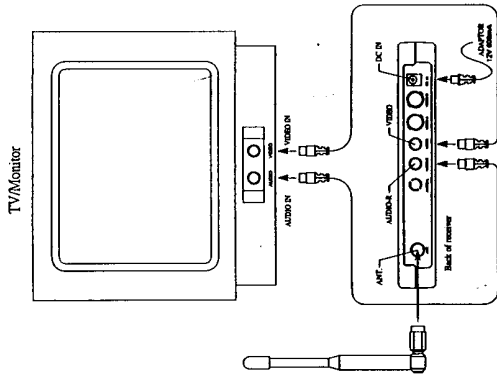
1. Power indication LED
2. Setting indication LED
3. Mute indication LED
4. Channel display LED
5. Power on/off button
6. Setting button
7. Mute button
8. Storage button
9. Channel scan button
10. Channel down button
11. Channel up button
12. Antenna seat
13. Audio output jack
14. Video output jack
15. Adapter jack
16. contrast Adjustment



**Operating Procedure:**

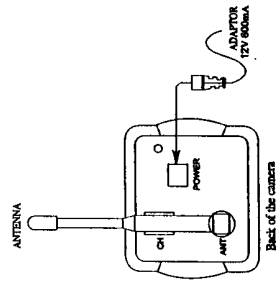
**A. Connecting the receiver**

1. Screw the antenna into the antenna seat on the back of the receiver.
2. Connect the adaptor to the adaptor jack (DC IN)
3. Connect the audio/video cord to Audio O/P, Video O/P on the side of the receiver and to Audio/Video jack of your V/Monitor.
4. After completing 1-3 procedures, the power indication LED will light up and indicating channels on Channel display LED.



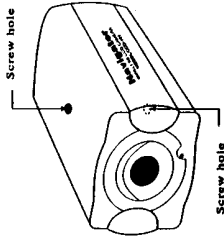
**B:Connecting the camera**

- 1.Screw the antenna into the antenna seat (ANT) on the back of the camera and connect the adaptor to adaptor jack(Power). For model CCD-801 (2.4Ghz) antenna is integrated.

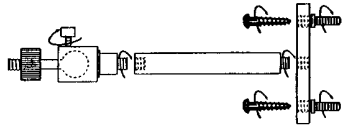


**C:Fasten the camera mounting bracket**

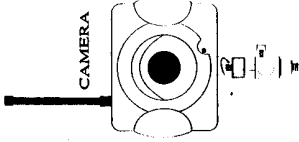
- 1.Remove the stickers on top/bottom of the camera and screw the mounting bracket to the camera (Picture 1).
- 2.Please see picture 2-1, 2-2, 2-3 to set the mounting bracket.



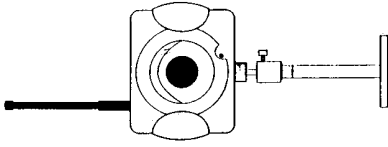
2-1.



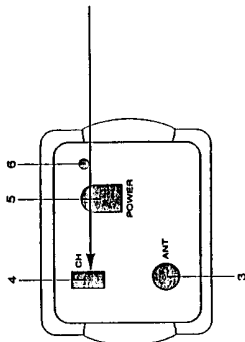
2-2.



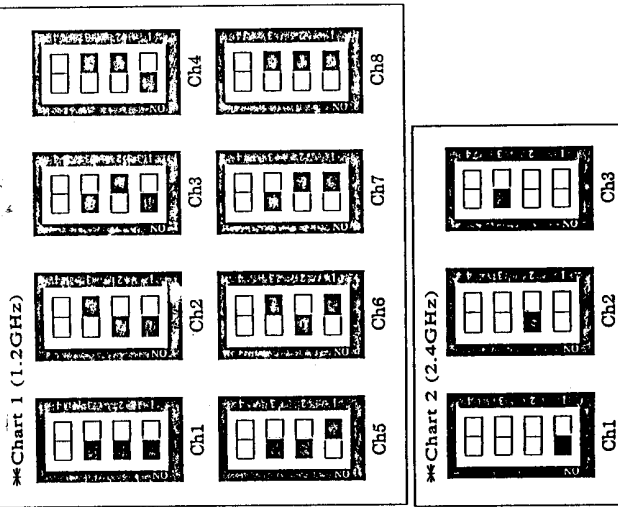
2-3.



**Camera channel setting chart:**



1. CCD-101 (1.2GHz) can be extended for 8 channels monitoring at the same time and CCD-801 (2.4GHz) can be extended for 3 channels. Please set camera channels before starting this system.
2. Set camera channels by lightly pushing the switches to on or off position according to the channel setting chart. (CCD-101 Chart 1, CCD-801 Chart 2) There are four switches available, use only first three switches for setting channels.
3. The switches are located inside the body of the camera to avoid accidental contact that might reset channel setting. Use firm object such as pen or pencil to toggle the switches when setting channels.



**Receiver installation and adjustment**

**A. Channel selection:**

1. Setting the receiver channel according to the channel of the camera. That is if the camera is on CH1, the receiver also has to be on CH1.

2. Use the channel selection button up/down to select desired channel (Indicated by LED display)

**B. Setting effective channels for channel scan function**

1. If you would like to use more than one camera monitoring at the same time, each channel has to be stored in the receiver by following procedure:

- (a) press [ set ] button, setting indication LED will light up
- (b) select intended channel with channel select button
- (c) press [ store ] button to store the channel
- (d) repeat step (b) and (c) for additional channels
- (e) press [ set ] button again when completed
- (f) press [ scan ] button, the receiver/controller will scan each preset channel every 3 seconds.

**Example:**

Intend to set CH1, CH2, CH3, CH4 for channel scan function:

- (a) press [ set ] button, setting indication LED will light up.
- (b) press channel select button, then press [ store ] when channel display LED indicates 1.
- (c) press channel select button, then press [ store ] when channel display LED indicates 2.
- (d) press channel select button, then press [ store ] when channel display LED indicates 3.
- (e) press channel select button, then press [ store ] when channel display LED indicates 4.
- (f) press [ set ] button again when completed (a)-(e)
- (g) press [ scan ] button, channel scan function starts.

**C. Muting**

Push [ mute ] button to stop audio transmission, again to resume sound.

**D. Contrast adjustment**

Adjust the quality of picture of TV/Monitor by using a firm object such as a screw driver lightly turning the "Contrast Adjustment" on the bottom of the receiver.

**Note to user:**

The Navigator CCD-101/CCD-801 is a fine-tuned wireless video/audio transmission device. The multi-functions and features will serve you in many different areas.

The connection between the camera and base controller is based on one way radio frequency, it might be possible to be effected by strong electro-magnetic field, high power radio frequency or appliance such as microwave oven. It is recommended to keep the source of these interference as far away as possible from the wireless CCD observation system.

If your wireless CCD camera observation system is not receiving good picture signals, check for the above sources and make appropriate adjustments if necessary.

**1. Adjust antennas**

Place transmitter and receiver away from strong magnetic field appliances such as microwave oven, computers or other similar wireless communication products.

**3. Adjust TV or monitor picture resolution controls.**

The operating condition of the wireless CCD camera observation system is closely tied to the surrounding environment. The less obstructions the better the reception between camera and base controller.

If it requires, please focus camera by slowly turning the lens to optimum clarity. Use a grip to assist if necessary.

As for FCC regulation channel space between each channel is 20 Mhz. When using two cameras monitoring, leave channel(s) between those two channels intended to use to avoid channel adjacent. For example: CH1 & CH3 or CH2 & CH4 or CH1 & CH4.

When using more than two cameras monitoring, place each camera at appropriate position to avoid interference from other cameras.

**Notice:** The changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.