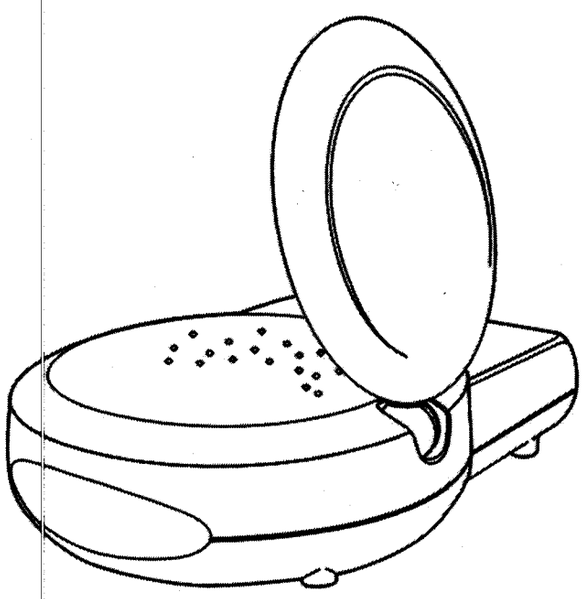
TTA-33T Manual

What you get

- One camera
- One receiver
- One AV (audio/video) cable or one Scart cable
- One power adapter (for receiver)
- Extension cable (for camera)
- Fixing screws and masonry plugs
- This User's Manual
- One quick installation Guide

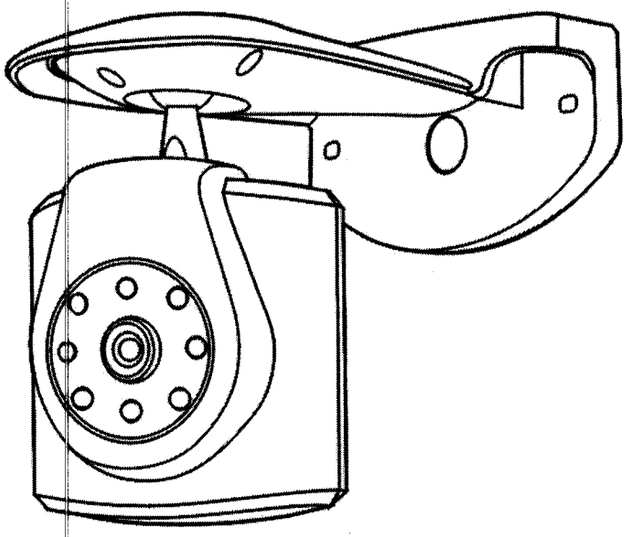
Product Layout

Receiver



Power Indicator LED
2.4 GHz AV (Audio/Video) Antenna
Channel Selection Dipswitches
Left Audio Jack (White)
Right Audio Jack (Red)
Video Jack (Yellow)
Power Adapter Plug
ON/OFF Switch

Camera



Infrared LEDs: Eight LEDs to provide infrared light for night vision.
Pivot
Microphone
Mounting bracket
Channel selection switch
Camera body
Screw for Fixing Angle

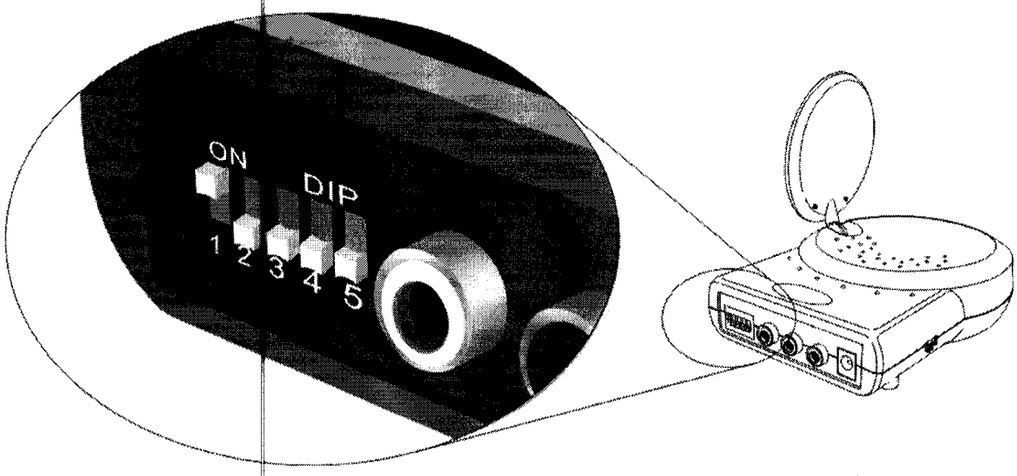
Setting UP

Select Channels:

The camera and receiver MUST BE set at same channels.

1. Select the channel on camera by sliding the slide switches on the back of the camera. (Remove the rubber plug at the bottom of the back of camera, slide the switches by using a pen.)

2. Select the channel on receiver by setting the dipswitch to the ON position. The dipswitch numbered 1 to 4 are for channel setting. The number 5 dipswitch sets the timer for the auto-sequence function. (Please refer to the "Multiple Location Monitoring" section of this manual.



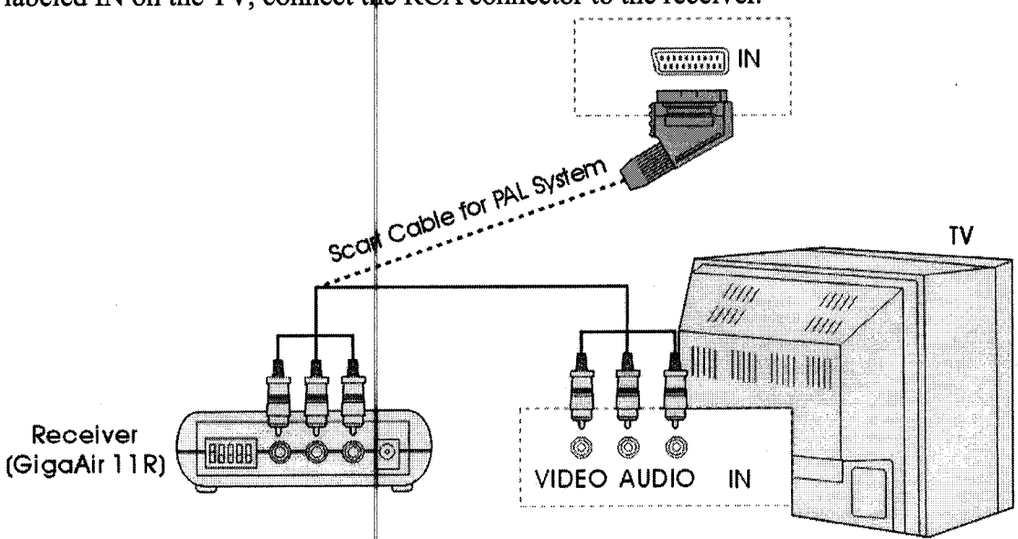
Connect the receiver to a TV

Depending on the type of TV and the peripheral component which connected on the TV, connection methods will be different. We recommend you refer to the connected AV (audio/video) component's user manual for details.

Note: Always make sure the unit ON/OFF switch is in the OFF position before you make the connection.

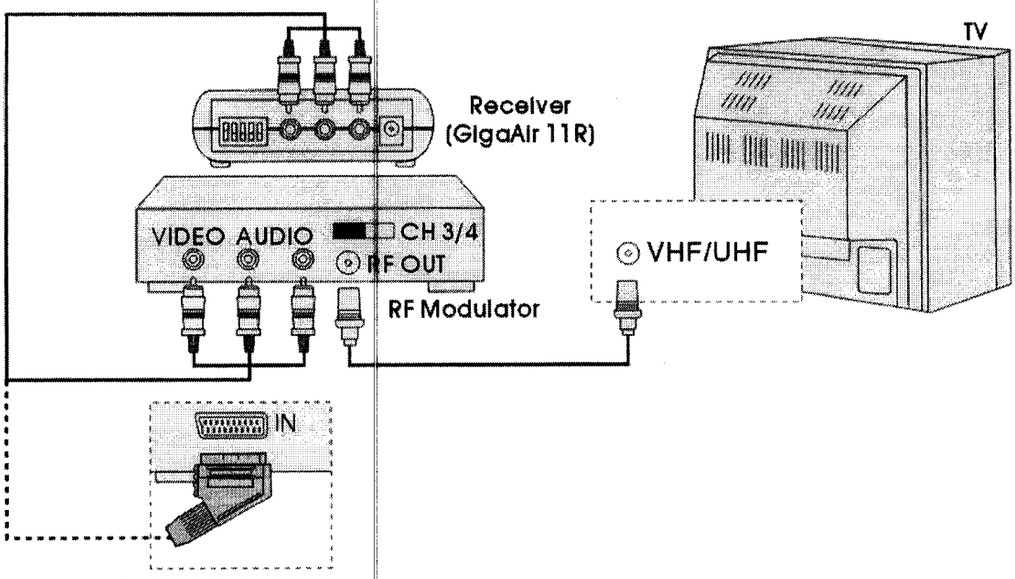
AV Connection – for TV sets with AV input jacks

Connect the LINE IN jacks on the TV to receiver using provided AV cable, matching the plug colors with the jacks on the TV and receiver. If the TV has only one input jack for audio, connect the white plug to that single audio input jack and to the receiver's AUDIO LEFT jack. ***Note:*** For PAL system, the connector on TV is a Scart socket. Connect the Scart connector labeled RECEIVER to the Scart socket labeled IN on the TV; connect the RCA connector to the receiver.



RF Connection – for TV sets without AV input jacks

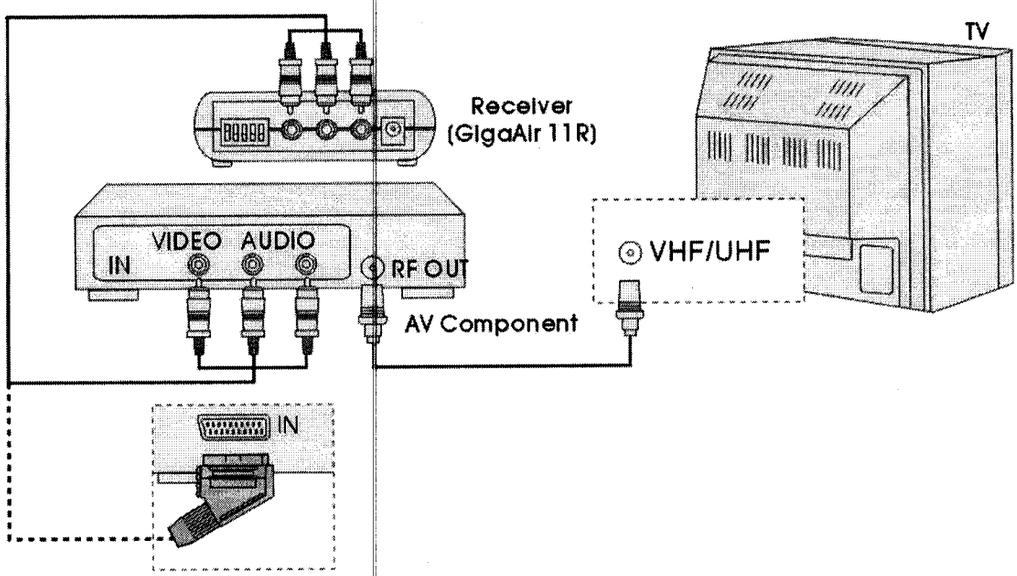
If there is no AV input jacks on your TV, you will need to get an RF modulator (available at your local electronic store) to get connection between TV and receiver.



Scart Cable for PAL System

Connection through an AV component

If an AV component (VCR, DVD player, DBS receiver etc.) is connected to the TV already, you can just connect the receiver to the free LINE IN jacks on the AV component.



Scart Cable for PAL System

Power Supply

1. Plug one end of the provided power adapter into a wall outlet and the other end into the rear of the receiver.
2. Turn the ON/OFF switch to the ON position. The LED on the front of the receiver should light.

Fine Tuning

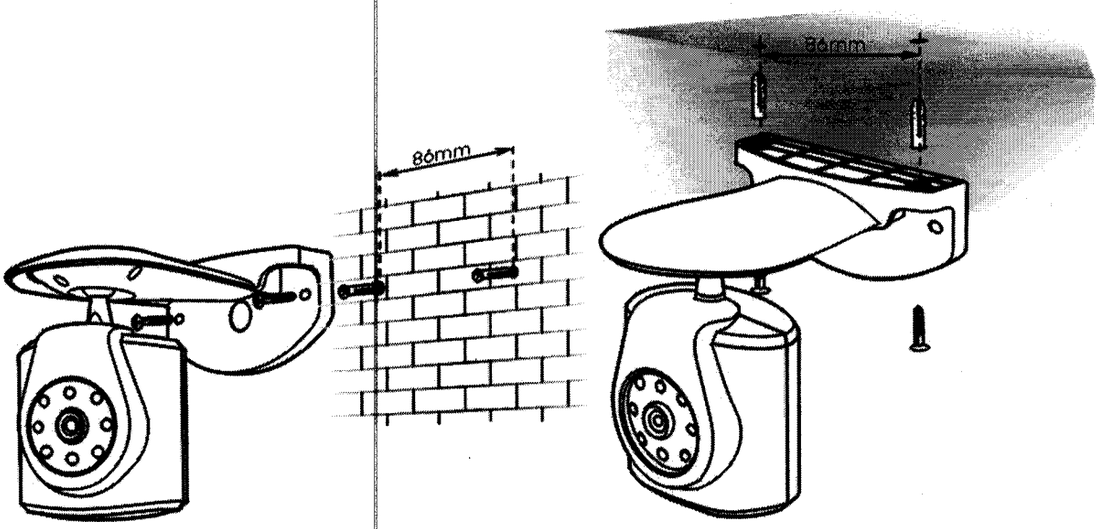
Place the receiver in a convenient location, then adjust its antenna so that the front (curved face) faces the location where the camera is set up. See "Orienting Units for optimal Performance" section of this manual.

Setting up the Camera

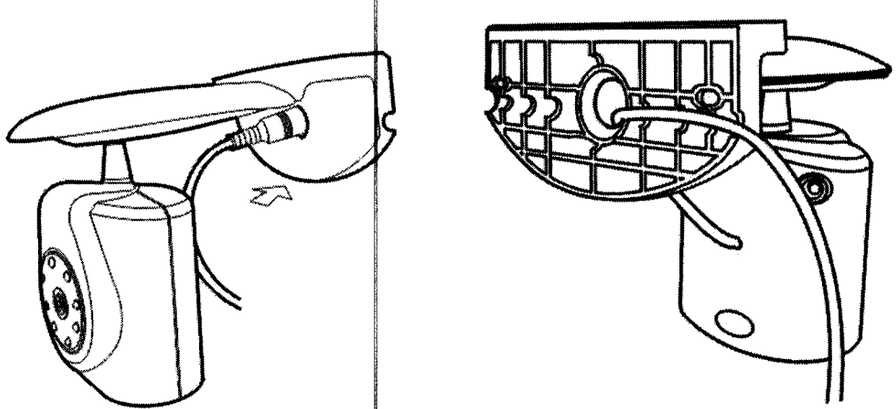
The camera can be mounted either to wall or ceiling. Receiver reception should be tested before fixing the camera. Have one person hold the camera in the proposed mounting position while another checks reception on TV. If interference or other problems are present, refer to the "Troubleshooting" section of this manual. You may need to select a different location to mounting the camera.

Positioning the camera

1. Drill two holes 86mm apart in a line, at the camera mounting position.



2. Fix the camera to the wall or ceiling using the masonry plugs and fixing screws supplied. ***Note:*** There is a hole on the bracket, you can thread the cable from the camera through the hole and insert the cable into the groove on the back of the bracket, then fix the camera on wall.



3. Select a suitable location to drill a cable entry hole. Depending on location, this can be through the house wall or through a door or window frame.
4. Push the cable through the cable entry hole. We recommend using a plastic bag to protect the plug on the end of the cable from dust and damage. Pull the rest of the cable inside.

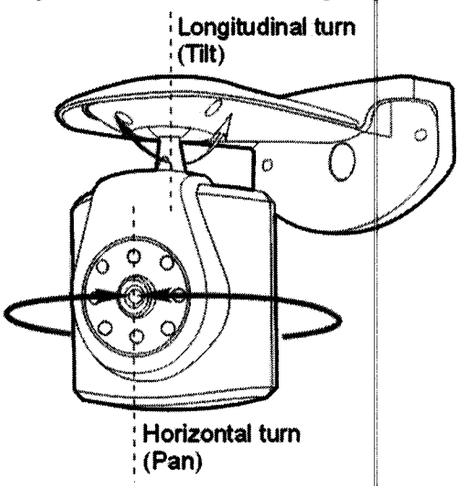
Power Supply

5. Connect the extension cable to the cable form the camera.

6. Run the extension cable to the position of a wall outlet and plug it.

Fine Tuning

Adjust the camera's viewing angle according to the illustrations below:

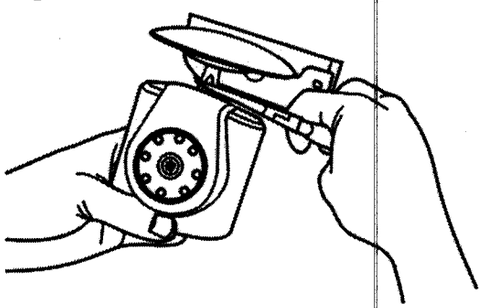


Loosen the screw on the bottom of bracket by using a screwdriver.

Rotate the camera to make adjustments.

When satisfied with the picture coverage, retighten the screw

Note: Make sure the camera body is attached to the pivot of bracket tightly after adjusting the viewing angle. If they are loosen, with one hand to hold the camera body steady, and the other hand with a pliers to pinch the flat surfaces on the pivot, swivel the pivot clockwise to tighten the camera body.



Other Application

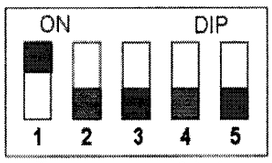
Receiving on a Computer

Connect the yellow video plug of the AV cable to the video jack on the TV tuner device or video capture card, and to the video jack of the receiver.

Connect the mini stereo phone jack to stereo RCA adapter (available in any electronic store) to the AUDIO IN jack on your computer, and the red and white AV plugs into the AUDIO LEFT and AUDIO RIGHT jacks on the receiver.

Multi-locations monitoring

The receiver's built in auto-sequence function is ideal for security use. The receiver can be used with up to four cameras on four different channels and display them in sequence on a singe receiver. The receiver's various operating modes are set via dipswitches as shown in the following diagram:



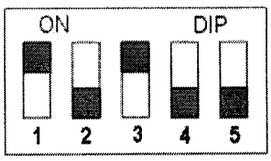
Factory-preset Mode

Note 1: The receiver will auto detect the receiving channels, and display them in sequence. When only one channel dipswitch is in the ON position, the receiver will receive the channel continuously, without regard to the position of the 5th dipswitch. If more than one dipswitch remains on, the auto-sequence function will continue on those channels.

Note 2: When none of the dipswitches are in the ON position, the receiver will automatically set the receiving channel to Channel 1.

Example:

If you have two wireless camera and their channels are set on CHANNEL 1 and CHANNEL 3, and you wish to monitor the two channels in sequence, you must slide up the first and third dipswitches to the ON position (see the diagram below). If you wish these two channels to be alternated at eight-second intervals, slide the fifth dipswitch to the ON position. Leave it in the lower position for four-second channel change intervals.



Stopping the auto-sequence function:

To stop the auto-sequence function and lock on one channel, leave the dipswitch for the channel you want to receive in the ON position. Slide the others to the lower position.

Troubleshooting

If you are not getting any signal at all:

- Check that the receiver is properly connected to the TV which you want to receive the signal
- Check the power ON/OFF switch on the camera
- Make sure power plugs are pushed all the way in
- Check all cable connections
- Check the CHANNEL switches on both camera and receiver are set to the same number

If the signal is poor, or there is interference

- Adjust the receiver's antenna orientation
- Change the channel on both camera and receiver and make them the same
- If there is a microwave oven in use in the path between the camera and receiver, remove the microwave oven or turn it off
- Make sure the camera and receiver are within range (range of approximately 300 feet; 100 meters in a clear line of sight)

Care and Maintenance

- For best performance, don't touch the receiver's antenna unnecessarily
- Keep all its parts and accessories out of young children's reach
- Camera performances can be adversely affected by fingerprints or dirt on the lens window.
- The receiver is for indoor use only. Do not use or store it in dusty, humidity, hot or very cold areas.
- Do not attempt to open the case. Non-expert handling of the device ma damage it
- Operate this product using only the power supply included with it or provided as an accessory
- Do not overload electrical outlets or extension cords as this can result in fire or electric shock

FEDERAL COMMUNICATIONS COMMISSION
INTERFERENCE STATEMENT

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. 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.
-- Consult the dealer or an experienced radio/TV technician for help.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void
the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.