

FC CE0681①

Edition

First edition, September 2004

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Trademarks

All product names used in this manual are the properties of their respective owners and are acknowledged.

Safety and battery use

- Read and follow any warnings in this manual.
- Read the regulatory compliance notice on page 22.
- When not in use, remove any batteries and store them in a cool dry place.
- Do not use the camera in temperatures below –10 or exceeding 55 degrees Celsius
- Don't dispose of used batteries with household waste. Return the batteries to your dealer or to a special disposal service.
- Any servicing must only be done by qualified personnel.
- Do not set up or use the receiver or camera in a wet or damp environment.
- Save these instructions for future reference.

About this manual

This manual is designed to assist users with setting up and operating #ACT-203TX /#ACT-205TX 2.4GHz wireless remote security alarm camera system.

Information in this document has been carefully checked for accuracy; however, no guarantee is given as to the correctness of the contents. The information contained in this document is subject to change without notice.

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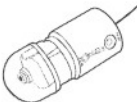
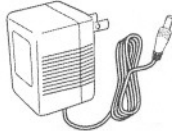
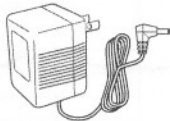
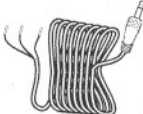
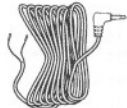


1—Getting started

Congratulations on your purchase of the remote camera. Use this camera to monitor locations wirelessly, as a stand-alone solution or integrated into an existing alarm system.







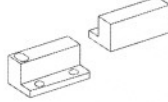
Checking the packing list

Carefully unpack the projector and check that the following items are included:

		
Receiver	Camera with dome cover	Receiver AC adapter
		
Camera AC adapter	R/C cable	Sensor cable

1—GETTING STARTED

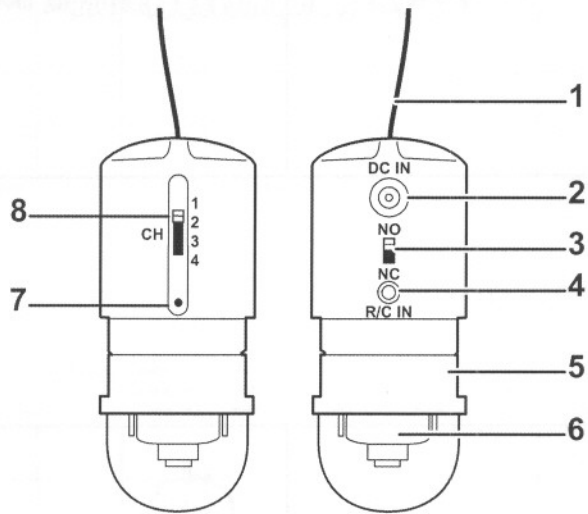
Checking the packing list (continued)

			
A/V cable	9V-battery adapter	Audio terminator	
			
Wall mounts	Hidden mounts	Ceiling mounts and foam spacers	Reed switch

Identifying parts

Refer to the following sections to identify components of the camera and receiver.

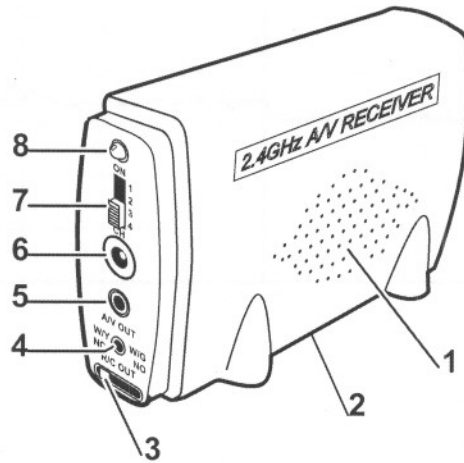
Camera



<i>Item</i>	<i>Description</i>	<i>See page</i>
1.	Antenna	—
2.	DC IN jack	7
3.	NO NC switch	17
4.	R/C IN sensor jack	18
5.	Dome cover	5
6.	Camera (under dome cover)	14
7.	Microphone	—
8.	CH 1-4 channel switch	16

1—GETTING STARTED

Receiver



<i>Item</i>	<i>Description</i>	<i>See page</i>
1.	Speaker	—
2.	Socket mount	—
3.	Volume slider	18
4.	R/C OUT jack	18
5.	AV OUT jack	6
6.	DC IN jack	6
7.	CH 1-4 channel switch	16
8.	ON power LED	—



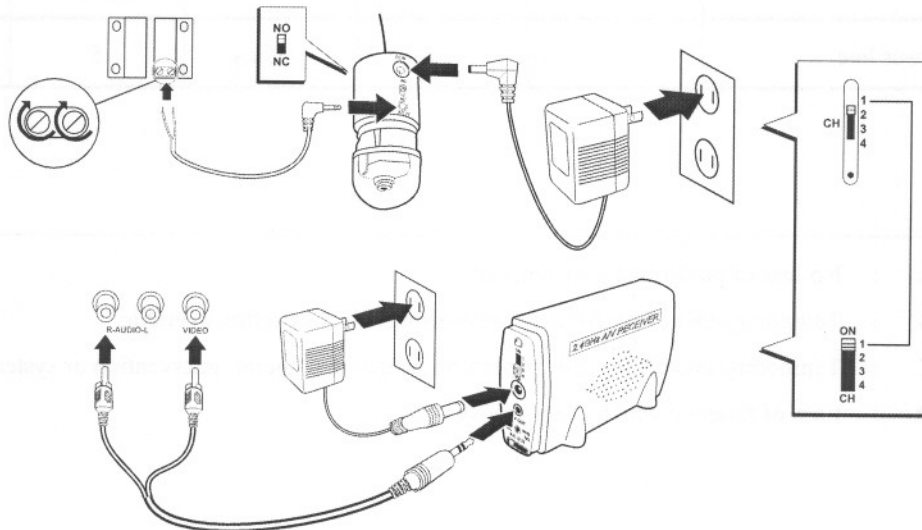
2—Setting up

This section explains the mounting options and setup of the remote camera. However, before installing the camera check that all the parts are working as described below.

Pre-setup testing

For the pre-setup test do the following:

- Connect the A/V cable from the receiver to the monitor. Ensure the monitor is set for video playback.
- Connect the sensor cable from the camera to the reed switch.
- Connect the AC adapters.
- Match the channels on the receiver and camera.



- Check that video and sound are available on the monitor.



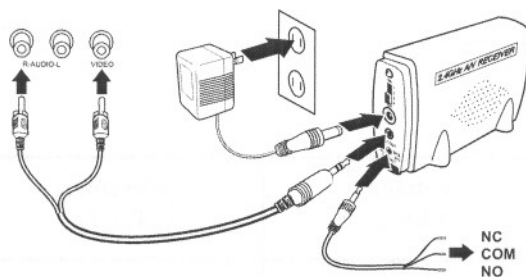
2—SETTING UP

- Test the sensor operation by moving the reed switch apart and changing the **NO NC** setting on the camera.
- If some functions do not work, check the corresponding section in this manual before installing the camera.

Making connections

The receiver is designed to connect to different devices such as a TV, VCR, or digital video recorder (DVR).

Receiver setup



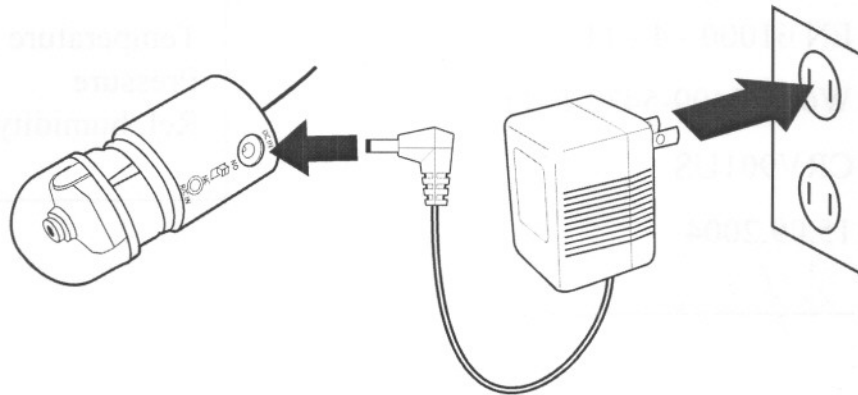
- Connect the AV cable to a TV monitor, VCR, DVR, or computer (need an A/V grabber).
- Connect the AC adapter to a power outlet.
- Connect the R/C cable to a video recording device switch, DVR, or external alarm.



MAKING CONNECTIONS

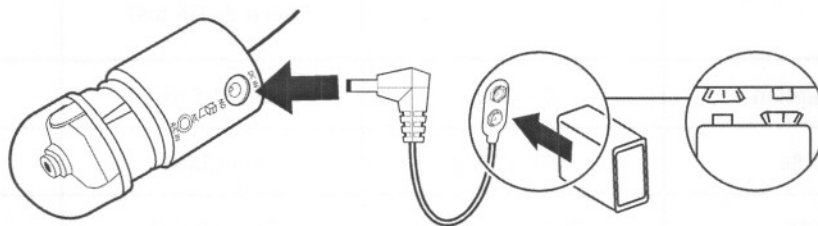
Connecting the AC adapter to the camera

Use only the supplied AC adapter.



Connecting the battery to the camera

Use a 9V battery.





2—SETTING UP

Mounting options

Using the supplied accessories, the camera can be mounted on a ceiling or wall. It can also be mounted in a hidden location such as in a container or behind a partition.

Important: The dome cover holds the camera housing together. When you remove the dome cover, take care that the camera housing does not separate.

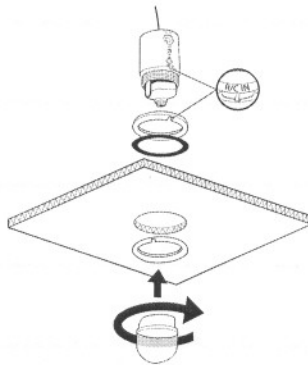
Ceiling installation

Before choosing a location for the ceiling installation, consider the following:

- You may need to install the camera from above, in which case two adjacent tiles need to be removed for the installation.
- You must hold the camera in position from above the ceiling tile while screwing the dome cover on.
- You may need to adjust the camera angle before replacing the adjacent tile.
- You need a power source for the camera.

Refer to the following for the ceiling installation.

1. Remove the dome cover from the camera.
2. Cut a 27-mm diameter hole in a ceiling tile with a circle cutter.
(Use a spade bit to drill a hole in a wood panel.)
3. Put the camera in from the top.





MOUNTING OPTIONS

4. Use foam spacers to ensure the dome cover screws on securely. A thinner ceiling tile may require more than one foam ring; a thicker ceiling tile may require none at all.
5. Adjust the camera angle. (See “Adjusting the camera angle” on page 14.)
6. Screw the dome cover onto the camera.

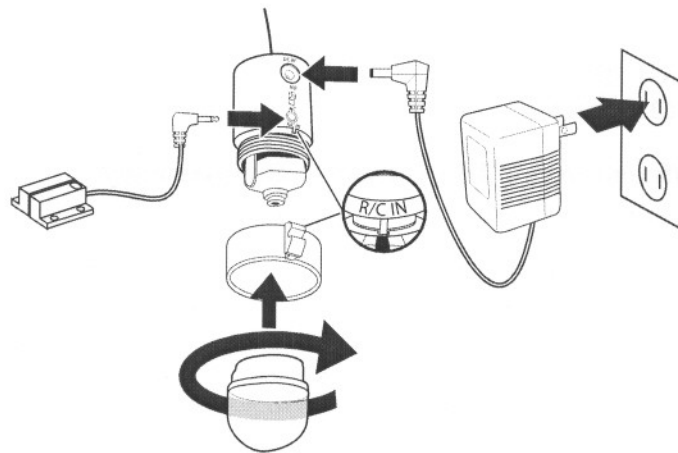
Wall installation

Before choosing a location for the wall installation, consider the following:

- You need a power source for the camera. Check that the cable length on the supplied AC adapter is long enough to reach your power source before drilling holes.
- Does the location you choose to install the camera allow easy access to the camera? The camera dome must be removed and the camera taken out of the wall bracket to connect to **DC IN** and **R/C IN**.
- The wall bracket is designed so that cables cannot be unplugged from the camera once installed. However, if you need to access the **DC IN** and **R/C IN** jacks often, consider fixing a block of wood behind the bracket so there is more space between the jacks and the wall.

1. Remove the dome cover from the camera.
2. Put the wall mount ring on the camera.
The wall mount ring and camera are keyed to connect only one way.

2—SETTING UP



3. Replace the dome cover.
4. Plug the AC adapter into the camera. (See page 7 for using a battery to power the camera.)
5. If you are using the sensor cable, plug it in now. (The sensor cable shown in the above drawing is optional. Use of the sensor cable is covered on page 17.)
6. Align the mounting bracket on the surface and mark the three holes with a sharpened pencil.