

<u>Instructions when using for the first time</u>	Chapter	!	UK
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1 Introduction

This instruction manual is for users of the TRUST 100R WIRELESS SECURITY RECEIVER. This device can be used to protect your property. This device works using radio frequencies and, therefore, does not require any cables.

Advantages:

- Passes on video and audio detected by the camera without the use of wires.
- The 2.4 GHz FM signal passes through walls, floors and ceilings.
- Can be extended using the Trust 100 series security cameras

2 Safety

Please read the following instructions carefully before use.

1. Do not use this device in a damp environment, such as a bathroom, damp basement, swimming pool, etc.
2. Never insert objects in the slots on the outside of the device, because you may touch live components. This may cause a fire or give you an electric shock.
3. Do not try to repair this device yourself. If you open or remove the housing, you may accidentally touch live components. There are also other dangers.
4. Position the device so that the cables cannot be damaged.
5. This device has been approved according to the European R&TTE guidelines. The device works using a 2.4GHz sender/receiver. If in doubt, check whether the use of this device is permitted in your country.

CE 0123

3 Installation

Note: French law only permits the use of channel 3.

3.1 Components

Table 1 gives a description of the receiver's connections and switches (also see figure 1).

Item:	Description:	Purpose:
A	Channel selection switches	Select the channel with this.
B	Left audio (white)	Connect this to the TV's left 'Audio in' connection.
C	Right audio (red)	Connect this to the TV's right 'Audio in' connection.
D	Video (yellow)	Connect this to the TV's 'Video in' connection.
E	Adapter connection (9VDC 300mA)	Connect the adapter here.

Table 1: Receiver connections

3.2 Connecting the adapter

Connect the adapter plug to the DC connection (E, figure 1). You can turn the receiver on and off using switch 'A' (see figure 2). The receiver is turned on when LED 'B' is lit.

4 Setting the channels

The receiver and the camera must be set to the same channel. The channels must be set as follows.

Switch the receiver to the desired channel by using the channel selection switches (A, figure 1)

Channel	Switch				
	1	2	3	4	5
Channel 1	ON	OFF	OFF	OFF	OFF
Channel 2	OFF	ON	OFF	OFF	OFF
Channel 3	OFF	OFF	ON	OFF	OFF
Channel 4	OFF	OFF	OFF	ON	OFF

Table 2: Setting the channels when using one camera

5 Adjusting the aerial

Adjust the aerials so that the curve of both the transmitter and receiver aerial are directed towards each other. If you use more than one camera, adjust the aerials as ideally as possible. Keep the aerials folded if the transmitter and receiver are less than three metres apart.

Note: *The aerial cannot be rotated through 360°. Stop rotating the aerial if you feel some resistance. If you continue rotating the aerial after feeling some resistance, the device will be damaged and can no longer be used.*



6 Extending

6.1 Extending the wireless security system

If you have several black-and-white or colour cameras and/or receivers, you can use these to extend your wireless system. The extra cameras and/or receivers to be connected must be set to the same channel. There is no limit to the number of receivers used in the system. A maximum of four cameras can be connected.

6.2 Auto-sequence function

The receiver is equipped with the auto-sequence function. This means that the receiver can automatically switch between channels and, therefore, between cameras. This makes it possible to secure several locations simultaneously.

If, for example, you use 3 cameras, set each camera to operate via a different channel. Therefore, camera 1 = channel 1, camera 2 = channel 2, camera 3 = channel 3.

Set the receiver's dip switches 1, 2 and 3 (A, figure 1) to "On" and dip switch 4 to "Off" (see table 3 below).

Channel	Switch				
	1	2	3	4	5
Channel 1	ON	ON	ON	OFF	OFF

Table 3: Example settings for auto-sequence channel 1 to 3

The interval between switching channels can be set on the receiver.

8 seconds: Set dip switch 5 (A, figure 1) to "On" (switch upwards).

4 seconds: Set dip-switch 5 (A, figure 1) to "Off" (switch down).

7 Technical information

Description:	Response:
Signal type [PAL / SECAM / NTSC / ...]	PAL
Image [COLOUR / BLACK & WHITE]	Depends on the camera.
Adapter	9V / 300 mA
RF approval no. (CE xxxx !)	CE0123!
Wireless technology [RF, IR, ... + frequency]	RF / 2,4 ~ 2,4875 GHz
Frequency per channel	2. 434 / 2. 453 / 2. 473 / 2. 411 GHz
Output	Three RCA (audio-l, audio-r, video)
Receiver dimensions	115 x 105 x 145

8 Troubleshooting

Method

1. Read the solutions given below.
2. Check for up-to-date FAQ's, drivers and instruction manuals on the Internet (www.trust.com/13406).



Problem	Cause	Possible solution
There is no image on the TV.	The receiver has not been connected to the TV correctly.	Connect the receiver to the TV correctly. Check whether the coloured cables are connected to the correct inputs. Yellow = video, red/white = audio l/r. If your TV has only 1 audio input, only connect the white cable to the audio input.
	The receiver's switch is set to "Off".	Turn the receiver on by setting the switch to "On" (see chapter 3.2).
	The power adapter has not been connected to the receiver correctly.	Connect the power adapter as described in chapter 3.2.

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Problem	Cause	Possible solution
	The wrong channel has been selected.	Set the camera and the receiver to the same channel.
	A different RF device operates using the same channel.	Change the channels of both camera and receiver.
		Change the physical location of the camera (transmitter) and/or the receiver by changing the direction or distance.
		Do not use the RF products simultaneously.
	The aerials are not directed correctly.	Direct the curved side of the aerials towards each other.
The camera is located in a dark room and the night vision is not switched on.	Switch on the camera's night vision.	
The image deteriorates when several cameras are used.	The camera's aerials are no longer directed correctly.	Direct the curved sides of the aerials towards each other as efficiently as possible or change the location of the receiver or of one of the cameras
The camera suddenly stops operating.	The adapter's plug has not been fully inserted.	Fully insert the plug into the camera.



TRUST 100R WIRELESS SECURITY RECEIVER

Register your product via www.trust.com so that you are able to receive optimal guarantee and service support, such as up-to-date FAQ's. You will be automatically informed of developments to your product and other Trust products. You will also have the chance of winning some spectacular prizes..

If you still have problems after trying these solutions, please contact one of the Trust Customer Care Centers. You can find more information at the back of this instruction manual. Please have the following information available.

- The article number. This is 13406 (European version) or 13407 (UK version).
- A good description of what does not work.
- A good description of when the problem occurs.