

<u>Instructions when using for the first time</u>	Chapter	
1. Functions	(3)	!
2. Connecting	(4)	
3. Using the Televiewer	(5)	



## 1 Introduction

This instruction manual is for users of the TRUST 1620W WIRELESS TELEVIEWER. The TRUST 1620W WIRELESS TELEVIEWER allows you to easily change the monitor screen of your computer into a TV screen. The Televiewer operates independently and, therefore, does not depend on the operating system. The Televiewer is suitable for IBM compatible PC's and Mac systems. The TRUST 1620W WIRELESS TELEVIEWER supports resolutions up to 1600x1200 in real colours. The composite video and S-VHS connections, together with the SCART cable and sound cable, allow you to connect your computer image and sound to virtually any TV set. This makes the Televiewer ideal for playing games and viewing DVD films on large screen televisions. The Televiewer is also very suitable for presentation purposes.

## 2 Safety

Carefully read the following instructions before use:

- The TRUST 1620W WIRELESS TELEVIEWER does not require any special maintenance. Use a slightly damp, soft cloth to clean the device.
- Do not use aggressive substances, such as petrol or white spirit, to clean the device. These may harm the material.
- Do not submerge the device in liquid. This may be dangerous and will damage the device. Do not use this device near water.
- Make sure nothing is placed on the cable. Do not use this device in an area where the cable can become worn or damaged as a result of people walking over it.
- Do not repair this device yourself. If you open this device, you may touch live components.
- Under the following circumstances, have the device repaired by qualified personnel:
  - The cable or plug is damaged or worn.
  - The device has come into contact with rain, water or another liquid.
- This product works at a frequency of 2.485 MHz. It is approved according to the European R&TEE guidelines and, therefore, meets the harmonized standards for use within the EU. There may be limitations for the use of this device outside of the EU. In that case, check whether this device meets local regulations. Frequency: 2414 ~ 2468 MHz, Bandwidth: 10 MHz, Power: 10 mW.
- Nowadays, there are an increasing number of wireless products (video, audio, convenience, computer, etc.) which work in the same frequency range as this device. It may, therefore, be possible that the functionality of this product is limited by or is limiting for other wireless products. This can only be avoided by paying attention to the distance between products and, where possible, by changing channels.
- Be careful when using wireless devices if you have a pacemaker or are dependent on other life-saving, sensitive electronic equipment, because this product transmits radio signals!

### 3 Functions

The description of the functions below relates to figure 1 on the foldout page.

#### Transmitter (Tx)

	Function	Description
1	VIDEO IN	Connection for devices such as a VCR, camcorder, DVD player, etc.
2	ANTENNA	Aerial for transmitting the signal to the receiver.
3	SCAN CNVTR	Connection for the VGA cable.
4	AUDIO IN	Connection for the AUDIO signal input.
5	VIDEO OUT	Connection for the composite video cable.
6	S-OUT	Connection for the S-VHS video cable.
7	DC IN	Connection for the 5VDC / 500 mA adapter.
8	POSITION	Buttons for adjusting the position of the TV image (up, down, left, right).
9	POWER	Button for turning the transmitter on and off.
10	VIDEO SOURCE	Button for switching between the computer and, for example, your VCR or DVD player.
11	SAVE	Button for saving all the new settings.
12	FINE TUNE	Button for fine-tuning the TV image.
13	ZOOM	Button for zooming in and out of the TV image.
14	MENU	Button for switching between the various OSD (On Screen Display) menu options.
15	POWER indicator	The LED indicator is lit when the Televiewer is switched on.
16	PAL Indicator	The LED indicator is lit when the Televiewer is switched on in the PAL mode.
17	Switch	Switch for setting the channel (1 to 4).

Table 1: Transmitter (Tx) functions

#### Receiver (Rx)

	Function	Description
18	ANT	Aerial for receiving the signal from the transmitter.
19	CH.SELECT	For setting the channel (1 to 4).
20	DC IN	Connection for the 5VDC/500 mA adapter.
21	VIDEO	Connection for the outgoing (to the TV) video signal (yellow).
22	AUDIO R	Connection for the outgoing (to the TV) right-hand AUDIO signal (red).

23	AUDIO L	Connection for the outgoing (to the TV) left-hand AUDIO signal (white).
24	CHANNEL indicator	The LED indicator is lit when the receiver is switched on.

UK

Table 2: Receiver (Rx) functions

## 4 Connections

Follow the instructions below to install the TRUST 1620W WIRELESS TELEVIEWER (also see figure 2).

### 4.1 Connecting the receiver

1. Turn off your computer, monitor and TV set.
2. Disconnect your monitor's VGA plug (A) from the computer.
3. Connect the VGA daisychain plug (B) of the VGA cable to the VGA connection on your computer.
4. Connect your monitor's VGA plug (A) to the VGA daisychain plug (B).
5. Connect the other end of the VGA cable (C) to the VGA connection on the TRUST 1620W WIRELESS TELEVIEWER.

**Note:** *If you connect the 1620W Wireless Televiewer to a Mac, you will need to use VGA converter plugs for the VGA connection on your computer and monitor.*

6. Connect the sound cable's 3.5 mm audio jack (D) to the speaker output on your sound card or to another audio source, such as the headset output of your DVD player.
7. Connect the power adapter to the DC-IN connection.

If desired, a TV can also be connected to the transmitter using the SCART plug. There are two possibilities:

- **S-VHS** (black 4-pin plug): For the best image quality, connect the plug (E) of the S-VHS cable to the S-VIDEO OUT connection on the Televiewer. Connect the other end (F) to your TV.
- **Composite video** (yellow cinch plug): Connect the plug (G) of the composite video cable to the VIDEO OUT connection on the Televiewer. Connect the other end (H) to your TV.

**Note:** *Only the video signal will be transmitted. The AUDIO signal can be received by using an AUDIO splitter plug (not provided) on the AUDIO IN connection. You can plug the 3.5 mm audio jack (D) in one end and a 3.5 mm audio jack with cable (not provided) in the other, which then goes to the AUDIO IN connection on your TV.*

## 4.2 Connecting the receiver

Connect one of the Televiewer's video cables to your TV. You can choose one of two possibilities.

### 4.2.1 Composite audio & video cable (yellow, red and white cinch plug)

1. Connect the yellow plug (J) of the composite audio and video cable to the VIDEO connection on the Televiewer. Connect the other end to the VIDEO IN connection on your computer.
2. Connect the red plug (K) to the AUDIO R connection on the Televiewer. Connect the other end to the AUDIO IN (R) connection on your TV.
3. Connect the white plug (L) to the AUDIO L connection on the Televiewer. Connect the other end to the AUDIO IN (L) connection on your TV.

### 4.2.2 SCART

If you have a SCART connection, use the RGB to SCART cable provided. Connect the plugs to the SCART plug as described above. The colours of the plugs should match the colours of the connections on the SCART plug. Next, connect the SCART plug to the SCART connection on your TV.

Connect the power adapter to the receiver's DC-IN connection.

## 5 Using the Televiewer

After connecting the 1620W Wireless Televiewer to your computer and TV, turn on the Televiewer by pressing the power button (9). The POWER indicator (15) will be lit.

You can adjust the image resolution as required. The Televiewer supports resolutions up to 1600x1200. See the specifications in chapter 6 for all the resolution settings supported by the Televiewer.

**Note:** *For the best image quality, we do not recommend exceeding a resolution of 1024x768. With higher resolutions, signal loss in the VGA cable may result in a slightly less sharp image on the monitor.*

**Note:** *When changing to a different resolution, the TV image may flicker for a few seconds, because the Televiewer needs a short time to adjust.*

The 1620W Wireless Televiewer has a power-saving function and will turn itself off if there is no VGA signal via the input. This reduces the power consumption of the Televiewer to a minimum when your computer is switched off. The LED (15) goes out when the transmitter (Tx) is turned off (see figure 1).

### 5.1 OSD menu

See the table below for the options available with the Televiewer's OSD menu. This is activated using the menu button (15) on the Televiewer (see figure 1).

Mode		Description
1	<b>FREEZE</b>	Freezes the current TV image, for example, to look at film fragments.
2	<b>H-SIZE</b>	Adjusts the horizontal size of the TV image. Alter the size in combination with the position buttons (left and right) on the Televiewer (I) or the remote control (B, H).
3	<b>V-SIZE</b>	Adjusts the vertical size of the TV image. Alter the size in combination with the position buttons (left and right) on the Televiewer (I) or the remote control (C, J).
4	<b>BRIGHTNESS</b>	Adjusts the brightness of the TV image.
5	<b>CONTRAST</b>	Adjusts the contrast of the TV image.
6	<b>HUE</b>	Adjusts the colour of the TV image.
7	<b>SATURATION</b>	Adjusts the number of colours of the TV image (the minimum settings produce a black-and-white image).
8	<b>VIDEO STANDARD</b>	Button for switching between the various TV video standards. In Europe, PAL is the most commonly used video standard.
9	<b>FLICKER</b>	Filter for removing flickering from the TV image.
10	<b>OSD COLOR</b>	Adjusts the colour of the OSD menu.
11	<b>RESET</b>	Resets the previous settings.

Table 3: OSD menu

### 5.2 Setting the video standard

Follow the instructions below to set the video standard of the Televiewer (see figure 1).

1. Use the menu button (14) to scroll to the 'Video Standard' option.
2. Alter the setting as required using the up and down buttons (8).
3. Once the desired video standard has been found, click the SAVE button (11) to save the new setting.

### 5.3 Setting the other functions

The other functions, such as the brightness, contrast, hue and saturation, are altered in the same way.

1. Use the menu button (14) to scroll to function that you wish to alter.
2. Alter the settings using the up and down buttons (8).
3. Once the desired setting has been found, click the SAVE button (11) to save the new settings.



UK

## 6 Specifications

Description		Answer
Wireless technology [RF, IR, ... + frequency]		RF / 2.4 ~ 2.473 GHz
Frequency per channel [GHz] [1 / 2 / 3 / 4]		2.414 / 2.432 / 2.450 / 2.468
Wireless power (mW)		10 mWatt
Bandwidth		10 MHz
Maximum wireless working distance (m)		100 m free space
Max. resolution		1600 x 1200
Video output signal	PAL	Yes
	PAL N	Yes
	PAL M	Yes
	NTSC - EIAJ	Yes
	PAL COMBINATION N	Yes
	SECAM	No
NTSC		Yes
Power adapter [n / Model code / Voltage / Amp]		6 V/DC – 800 mA
Transmitter	Inputs	VGA, Video IN, Audio IN
	Outputs	Video OUT (composite), S-OUT (S-VHS)
Receiver	Inputs	None
	Outputs	Video (composite), Audio R+Audio L, SCART (converter plug)
Product dimensions [HxWxD (mm)]		Transmitter: 173 x 124 x 25 Receiver: 130 x 115 x 25
Weight (kg)		1.65

## 7 Troubleshooting

### Method

1. Read the solutions given below.
2. Check for up-to-date FAQ's and instruction manuals on the Internet ([www.trust.com/12953](http://www.trust.com/12953)).



Problem	Cause	Possible solution
<b>No picture.</b>	The cables have not been connected properly.	Check whether the Televiewer has been connected properly. See chapter 4 for the options.
	The TV has not been adjusted properly.	Check whether the TV has been set to the correct video setting.
<b>No image via a notebook.</b>	The external VGA has not been switched on.	Switch on the external VGA on the notebook.
<b>Poor quality TV image.</b>	The computer's resolution and refresh rate are too high.	The Televiewer supports a maximum resolution of 1600x1200 at 60Hz. For optimum image quality, it is not recommended to exceed 1024x768 at 75Hz.
	The TV's image settings are incorrect.	Adjust the brightness and contrast of the TV set.
	The TV's PAL / NTSC settings are incorrect.	If your TV set supports several standards, set your TV to the PAL standard. See the instruction manual provided with your TV set.
<b>The Televiewer's VGA connection cannot be connected to a Mac system.</b>	Mac systems use a different type of connection for VGA than IBM compatible PCs.	Use VGA converter plugs for the VGA connection (not provided).
<b>No image or poor quality image after extending the cable.</b>	The composite or S-VHS extension cable is too long or of a poor quality.	Do not use a composite or S-VHS extension cable which is longer than 5 meters.
	A VGA extension cable is used.	The VGA connection of the Televiewer <b>MUST NEVER BE EXTENDED</b> .
<b>The problem is not listed here.</b>	The latest FAQ update is available on the Internet.	Visit <a href="http://www.trust.com/12953">www.trust.com/12953</a> for FAQ's and other product information.

TRUST 1620W WIRELESS TELEVIEWER

---

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 12953.
- A good description of what does not work.
- A good description of when the problem occurs.