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Welcome!

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Congratulations on choosing to buy a Tevion® product. By doing so you now have the assurance and peace of mind that comes with purchasing a product made by one of Europe's leading manufacturers. All products brought to you by Tevion® are manufactured to the highest standards of performance and safety, and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 3 Year Warranty. Please fill in and return the Warranty Card to the address provided. We hope you will enjoy your purchase for many years to come.

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Web Support www.medion.co.uk
Model Number: 81883

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Safety instructions

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Please read these instructions carefully before using the system and note the warnings in the operating instructions.

Always keep the operating instructions close to hand. If you sell the player or give it away, please ensure that you also pass on these instructions.

Never allow children to use electrical appliances without supervision.

Proper use

Your radio transmission system is used for transmitting audio and video signals wirelessly. Never use the system for any other purpose.

The system transmits signals from an audio / video source to any other system that processes the audio / video signals.

Environmental requirements

Protect the appliance from moisture and heat.

Avoid placing the appliances in poorly ventilated areas (such as between shelves or where curtains or furniture can block the vents).

Do not allow foreign bodies or liquids to get into the appliance. Do not expose the appliances to water. Do not place objects that are filled with water, such as vases, on the appliance.

Naked flames such as lit candles must not be placed on the appliances.

The rubber feet on the appliances may leave marks on furniture surfaces. Place the devices on a suitable underlay if necessary.

Mains connection

Only connect the mains adapters to easily accessible 230V ~ 50Hz power sockets.

Use only the mains adapters supplied. Never try to connect the mains adapters to other connectors as this may damage the appliances.

Unplug the appliance if you will be away for a long period of time.

Faults

Remove the mains adapter(s) from the power socket immediately if the mains adapter, the connection cable or the appliances are damaged. If the appliance is not going to be used for long periods, remove the plug from the mains socket. Never try to open and/or repair the appliances yourself. Contact our service centre or qualified personnel.

Health Issues

The low transmitting power of the appliances eliminates any danger to health according to the current state of research and technology.

Package contents

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Remove all packaging materials.

Caution: Keep the plastic packaging out of reach of infants and children as it can cause suffocation.

Unpack the unit and ensure that the following parts are included:

- Transmitter
- 1 x mains adapter for the transmitter, 7.2 V \approx 200 mA
- Receiver
- 1x mains adapter for the receiver, 7.2 V \approx 200 mA

Cables and connectors supplied

- 1 infrared extender with three external IR transmitters



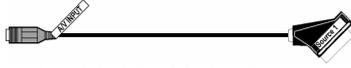
- 1x SCART adapter for the transmitter



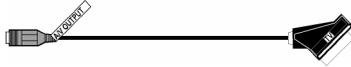
- 1x SCART adapter for the receiver



- 1x DIN SCART cable for the A/V input "SOURCE 1"



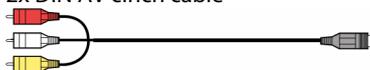
- 1x DIN SCART cable for the A/V output "TV"



- 1x audio adapter 3.5mm stereo jack to cinch socket



- 2x DIN AV cinch cable



About this appliance

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Your radio transmission system transmits audio and video signals wirelessly from an audio/video source to another audio/video appliance.

Typically, the radio signals are sent from a source with an aerial (e.g. a SAT receiver) to another appliance without an aerial (e.g. a different TV in the building) so that the first appliance's aerial can be used for the second appliance.

It is also possible to connect the radio transmission system to a PC, for instance to transmit digital presentations onto a TV.

Possible signal transmitters and receivers

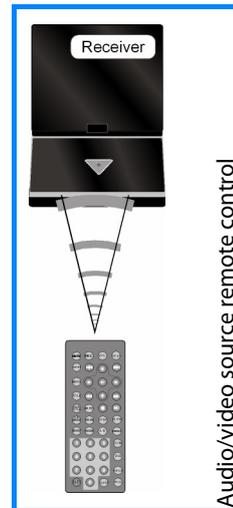
Typically, the system may be used to transfer the television reception from a satellite receiver, as the source, to another television in your house. Other audio/video sources can be a DVD recorder, a video recorder or a television, the "D-Box" (Premiere) or even a PC card. The appliance connected to the receiver may be, for example, another television or an amplifier.

Assigning the radio transmitter and receiver

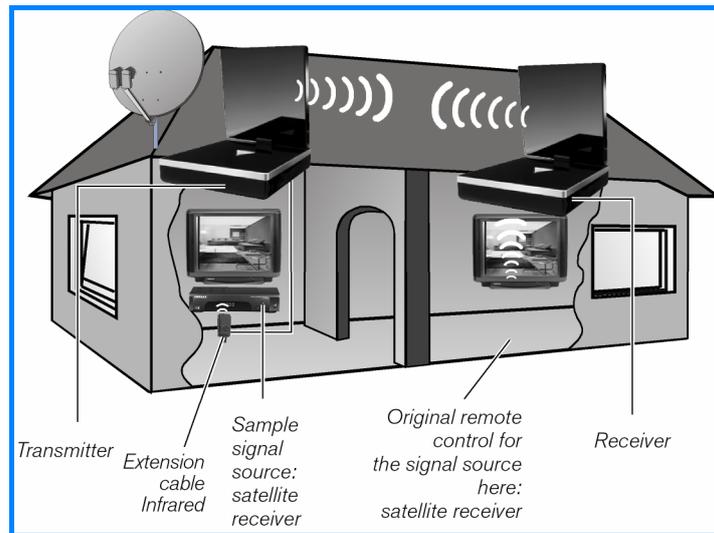
The transmitter in the radio transmission system is connected to the audio / video source and the receiver is connected to the appliance that is to receive the signal. Refer to "Connecting the transmitter" on page 14 and "Connecting the receiver" on page 22.

Controlling the audio/video source remotely

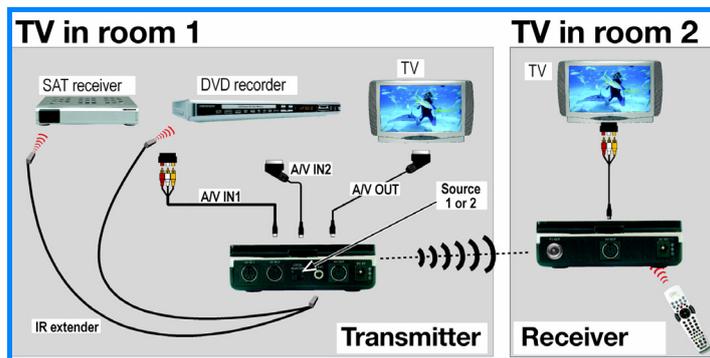
You can use the audio/video source remote control to control this appliance via the receiver (i. e. where it is located). The infrared signals are converted and transmitted as radio signals. The transmitter in turn converts the radio signals back into infrared signals. The three infrared transmitters in the infrared extender then send these signals to the relevant appliances.



Examples of use



Schematic arrangements with two appliances connected to the TV:

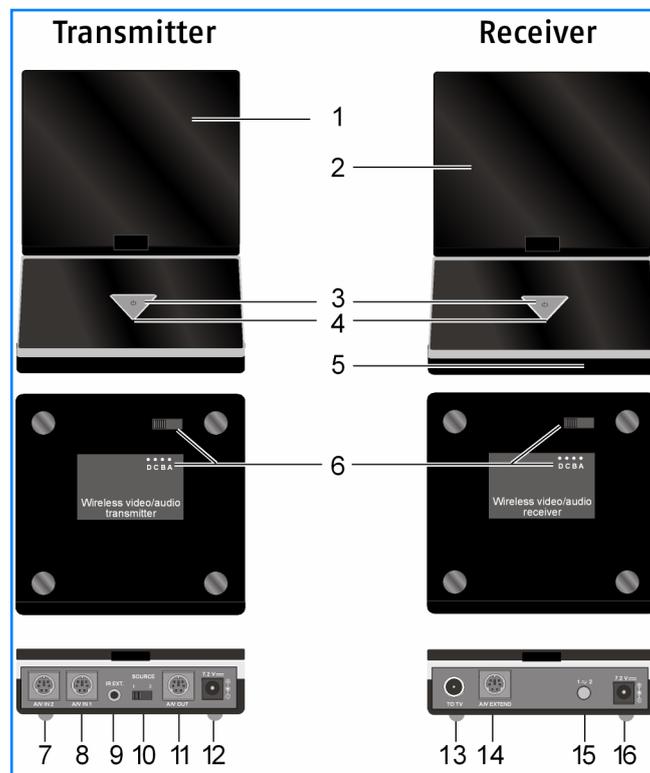


Ranges

Audio and video signals are transmitted in the 2.4GHz range. In free field the range is approx. 100m, within buildings approx. 30 m. The range also depends on the nature of the wall and ceiling materials. The range may be lower depending on the environmental conditions.

Controls

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1. Audio/video transmission aerial
2. Audio/video receiving aerial
3. On/off switch
(press for approx. 2 seconds to switch the operating mode with energy-saving function on and off)
4. Power light:
 - Blue: Standby mode
 - Orange: Operating mode with energy-saving function
 - Purple: Operating mode without energy-saving function
5. Infrared receiving field for a remote control
6. Channel selection switch for D, C, B, A channel display

Transmitter

7. **A/V IN 2**: Audio video DIN input for source 2
8. **A/V IN 1**: Audio video DIN input for source 1
9. **IR EXT**: Input for infrared extender.
10. **SOURCE 1 / 2**: Switch for source 1 and 2
11. **A/V OUT**: Audio/video DIN output
12. **7.2V**: Connection for mains adapter 7.2V 200 mA

Receiver

13. **TO TV**: 75-Ohm aerial connection
14. **AV EXTEND**: Audio/video DIN output for TV
15. $1 \leftrightarrow 2$: Switch source $\frac{1}{2}$
16. **7.2V**: Connection for mains adapter 7.2V 200 mA

Connecting the transmitter

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Setting up

1. Place the transmitter on a flat, sturdy surface.

Connections for the transmitter

The transmitter is connected to an audio/video source. This can be a SAT receiver, a video recorder, a DVD player, a television or even a graphics card (see below).

DIN SCART cable ("A/V INPUT") or DIN AV cinch cable

Use the DIN SCART cable marked "**A/V INPUT**" and/or the DIN AV cinch cable to connect to the signal source (but not to a TV).

1. Connect the DIN plug on the transmitter to the **AV/IN 1** or **AV/IN 2** socket.
2. Connect the SCART plug to the SCART output of the connected appliance (but not to a TV).
3. If the connected appliance does not have a SCART connection, or if the connection is already in use, you can use the cinch plugs on the DIN-AV cinch cable (red/white for sound, yellow for image).
4. If the DIN SCART cable is already being used and the connected appliance still has a free SCART connection, you can connect the three cinch plugs with the SCART adapter, which is labelled "**SENDER / OUT**".

Only for TV: DIN SCART cable ("**A/V OUTPUT**")

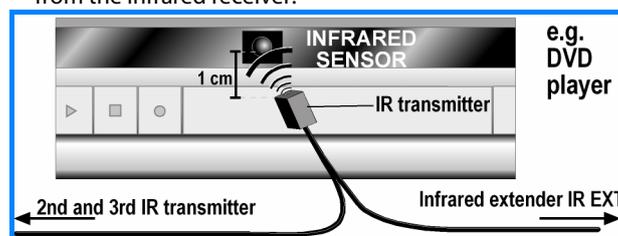
The DIN SCART cable labelled "**A/V OUTPUT**" is connected directly to the TV.

1. Connect the DIN plug on the transmitter to the **A/V OUT** socket.
2. Connect the SCART plug to the SCART connection on the TV.

Infrared extender (for remote controls)

You have to connect the infrared extender if you want to use the remote control from where the receiver is positioned.

1. Connect the plug to the **IR EXT** socket.
2. Attach one IR transmitter to each appliance. Remove the paper backing from the sticky surface of one of the three IR transmitters and stick the IR transmitter onto the audio/video source so that it is aligned with the infrared receiver on this appliance. The top of the diode should be approx. 1 cm away from the infrared receiver:



As the infrared extender has three IR transmitters, you can simultaneously operate more than one appliance remotely from the receiver. For example, you can use the video recorder as well as the DVD player in another room.

Audio adapter

If you want to connect the transmitter to a 3.5mm audio jack on an audio source, use the audio adapter and connect it to the audio plugs (red/white) of the AV cinch cable.

Mains adapter

To supply the transmitter with power, connect one of the mains adapters supplied.

Connect the appliance plug to the **7.2V** socket on the transmitter and connect the mains adapter to a 230 V ~ 50 Hz power outlet.

Source 1 and source 2

You can now use the **SOURCE 1/2** switch on the transmitter to choose which signal will be transmitted to the TV connected to the A/V output.

1. The appliance on the DIN socket **AV IN1** is "**SOURCE 1**", the appliance on the DIN socket **AV IN2** is "**SOURCE 2**".

Starting operation

1. Flip up the transmitter aerial and align it with the inside facing the receiver.
2. Switch the source appliance on and press the transmitter's on/off switch for about 2 seconds. The blue operating LED will light up.

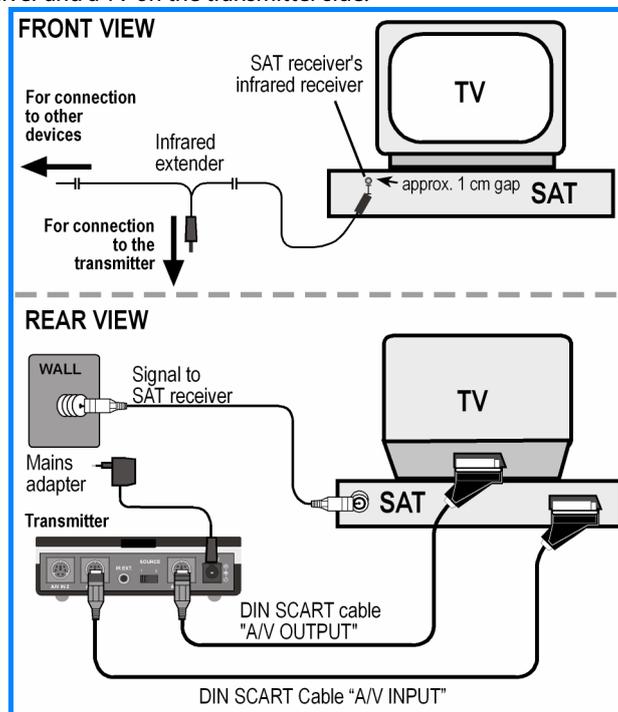
Selecting a channel

1. Use the channel switch at the bottom of the appliance to select a channel (A/B/C/D) to which the signal will be sent.

Example of transmitter arrangements

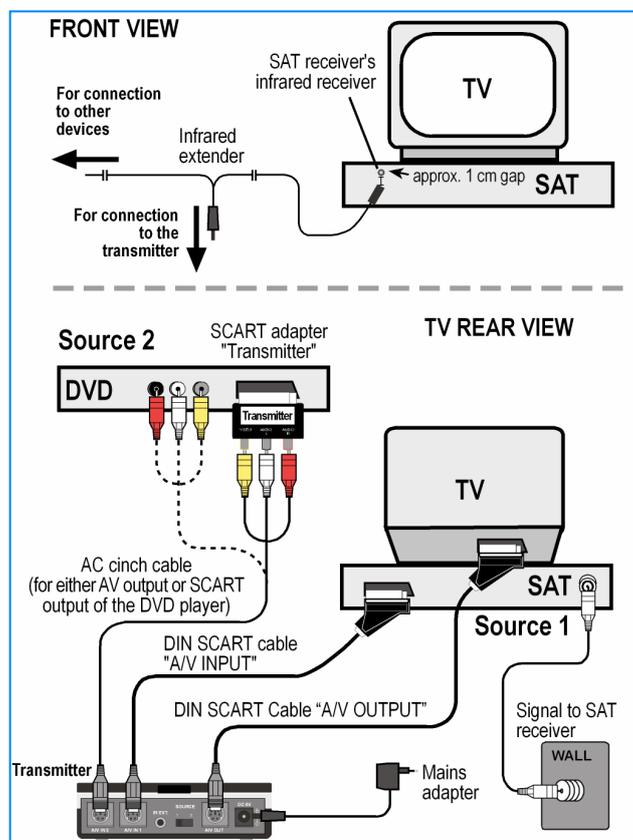
With one appliance

The following diagram shows a typical arrangement with a satellite receiver and a TV on the transmitter side:



Sample transmitter setup with two appliances

The following diagram shows a typical arrangement with a satellite receiver, a TV and a DVD player on the transmitter side:



Connecting the transmitter to a computer



You can also connect the transmitter to a computer in order to transmit computer output to a television, for example.

It does not usually make sense to transmit computer output to a TV for running computer applications, since the TV's screen display is not usually good enough to display the higher resolution computer image. If you want to show videos or presentations, however, displaying them via the TV is highly recommended.

The following requirements must be fulfilled:

- Your computer has a video output that provides video images suitable for a TV.
- The operating system and the drivers for your graphics card support video output.

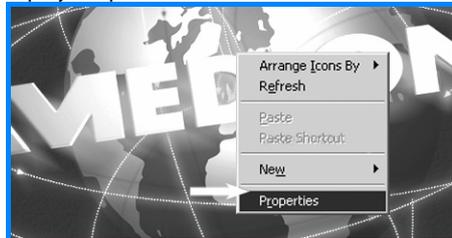
How to proceed

Output over video output is activated differently depending on your operating system and graphics card. As there are numerous combinations of these, we can only provide general instructions here. Please check the operating instructions for your computer or graphics card to see how you can divert the image to video output.

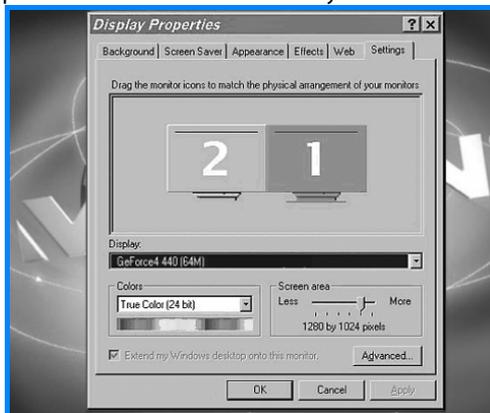
The following example requires a PC running the Windows® 98 operating system or above.

1. Close all programs and switch off your computer.
2. Refer to the operating instructions for your PC and follow the instructions for using video output.
3. Connect the yellow plug on the AV cinch cable to the graphics card's video output. If your graphics card does not have a cinch output, use a suitable adapter (optional accessory).
4. Connect the red and white plugs on the AV cinch cable to your PC's audio output. PCs usually have 3.5mm stereo jacks, so you can use the adapter supplied.

5. Now connect the free end of the AV cinch cable to the corresponding coloured connectors on the transmitting station.
6. Now switch on the transmitting station, the receiving station and your TV, and choose the appropriate video channel on your TV.
7. Start your PC and wait until the operating system has fully loaded.
8. Right-click once on the Desktop and choose "Properties" to view the "Display Properties":



9. Now click on "Settings" to configure your PC's output. Various graphics cards can differ enormously here.



You should therefore check the relevant operating instructions to see how you should proceed. You can use the F1 key to call up online help, which provides you with detailed information.
If all the settings are correct, the image from the PC will now be displayed on the TV.

Trademark

MS DOS® and Windows® are registered trademarks of Microsoft®.
Pentium® is a registered trademark of Intel®.

If all the settings are correct, the image from the PC will now be displayed on the TV.

Limitation of liability for loss of data/consequential losses

Backup:

To avoid loss of data you should back up all data to external media (such as CD-R) each time you change your PC system.
MEDION AG accepts no liability for loss of data.

Functionality:

The enormous differences between operating systems and graphics cards mean that we cannot guarantee the functionality described in this section ("Connecting the transmitter to a computer"). Please contact a specialist supplier or expert.

Consequential losses:

When you connect the radio transmission system to your computer, you must take note of the operating instructions for your computer, the software used and additional components.

We are not liable for damage or loss of data that were caused by incorrect or improper use.

Connecting the receiver

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Setting up

1. Place the receiver on a flat, sturdy surface.

Connections for the receiver

1. Connect the receiver to the audio/video appliance that should receive the signals from the source. This may be a TV for example.

DIN AV cinch cable

1. Connect the DIN AV cinch cable to the receiver's **A/V EXTEND** socket and the cinch sockets (red/white/yellow) on the receiving appliance (e.g. the TV).

Connecting via the SCART adapter

1. Connect the DIN AV cinch cable with the receiver's **AV EXTEND** socket.
2. Insert the three cinch plugs into the corresponding sockets on the SCART adapter, which is labelled "**RECEIVER**".
3. Connect this SCART Adapter to the SCART input of the receiving appliance.

Connecting to the aerial input (cable not supplied)

If the receiving appliance does not have a SCART connection nor connectors for the AV cinch cable, you can also use a 75 Ohm aerial cable. Please note that sound or image quality may be slightly poorer.

1. Connect an aerial cable with the **TO TV** socket to the receiver and the corresponding aerial socket on the appliance.
2. On your TV, choose channel 36 to display the signal, or tune the stations in on your TV.

Interposing an appliance

Instead of connecting the receiver directly to the television, you can also interpose a different audio/video appliance. This could be a video recorder, for example, which you can then connect with the receiver as already described.

Connecting the mains adapter

1. Connect the supplied network adapter to the **7.2V**  socket on the receiver.
2. Plug the mains adapter into an easily accessible socket (230V ~ 50Hz).

Selecting a channel

1. Check that the receiver is set to the same channel (A/B/C/D) as the transmitter.

Selecting the source

If you have connected two appliances to the transmitter, you can now use the 1  2 switch to switch between the receiver of the first (Source 1) and the second (Source 2) appliance.

1. To do so, briefly hold down the 1  2 button at the rear of the receiver until the appliance switches over.
2. You can also press down any button on the remote control belonging to an appliance that is connected to the transmitter for 10 seconds, and it will switch appliances.

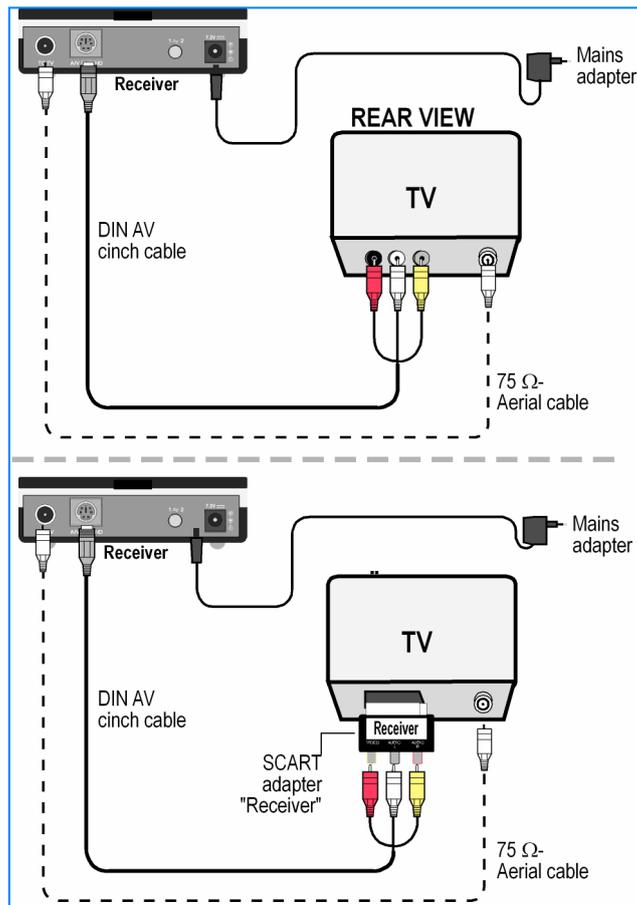
Starting operation

1. Flip up the transmitter aerial and align it with the interior facing the transmitter until you have an optimal image.
2. If you are using the remote control from the audio/video source, point it towards the receiver.
3. Turn on the receiving appliance, such as the television, and press the receiver's ON/OFF switch for about 2 seconds. The operating LED will light up orange.



Sample receiver setup

The diagram below shows a typical setup for the receiver and a TV, either with the DIN AV cinch cable and SCART adapter or with a 75 Ohm aerial cable on the receiver side.



Setting channels

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Your radio transmission system has four channels – i.e., four different frequencies can be used.

The channel switch is on the bottom of both appliances.

1. Set the transmitter and receiver to the same channels.
2. Test which channel (A/B/C or D) provides the best reception.
3. You can also use the four channels to operate up to four radio transmission systems.

Note that the radio signals that are created during operation may affect other radio systems such as a WLAN system. In this case, switch to a different signal transmitting channel.

Energy-saving function

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Your radio transmitter system is furnished with an energy-saving function that is used to switch the transmitter and the receiver to standby mode whenever radio transmission stops.

The energy-saving function is activated whenever the transmitter and the receiver are switched on. To switch on the radio transmitter system without the energy-saving function, proceed as follows:

1. While in standby mode (LED lights up blue), hold down the on/off switch for at least 5 seconds. The indicator lamp lights up orange and the colour then changes to purple. The energy-saving function has been deactivated.

If you switch off the energy-saving function on the receiver, the transmitter will also accept this setting.

If the energy-saving function was switched off on the transmitter, the receiver will remain in the energy-saving mode.

Troubleshooting

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If errors occur, check first that the system was set up correctly. The following overview may help you:

No audio/video transmission

- Are all mains adapters plugged in?
- Are the transmitter and the receiver switched on?
- Are the channels for the transmitter and the receiver set the same?
- Is the transmission source switched on?
- Walls and ceilings can reduce the signal range.
- Check the connections of the connected appliances.

Poor reception quality

- Realign the transmitter and receiver aerials.
- Change the position of the transmitter and the receiver slightly.
- Interference can be caused by several factors, such as radio waves from other appliances.
- Other radio systems, such as a WLAN system, may similarly affect radio transmissions. If possible, switch to a different channel on the other radio system.
- Choose a different channel.

The remote control does not respond

- Point the remote control directly towards the receiver.
- The infrared transmitter's diodes should be approx. 1 cm away from the infrared receiver of the audio/video source.
- Have you aligned your infrared diodes correctly?

Cleaning

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In order to clean the video transmitter wipe it with a suitable cloth, for example a fine, leather, microfibre or dust cloth. You can remove fingerprints and dust with careful wiping movements. Do not expose the appliances to moisture.

Never treat the surfaces with hard brushes, aggressive or corrosive liquids, strong cleaning materials or solvents such as paint thinners, oils, acids or similar.

Disposal

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Packaging

The radio transmission system is packaged to protect it from transportation damage. Packaging is raw material and can be re-used or added to the recycling system.



Device

At the end of its life, ensure that the appliance is disposed of in an environmentally appropriate manner. This may be a local collection point for old appliances. Seek the advice of your local authority about the local options for disposing of waste.

Technical Data

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Mains adapter (2x):

Model designation: S002CB0720020
Input: 100-240 V ~ 50/60 Hz 100mA
Output: 7.2 V $\overline{\text{---}}$ 200 mA

Transmitter:

Operating voltage: 7.2 V $\overline{\text{---}}$ 200 mA
Channels: 4
Frequency range: 2.4000 – 2.4835GHz
Range: open air: up to 100 m
in rooms: Up to 30 m

Connections: 1 DIN output
2 DIN inputs

Feedback channel for
Remote control signal: 433MHz

Receiver:

Operating voltage: 7.2 V $\overline{\text{---}}$ 200 mA
Channels: 4
Frequency range: 2.4000 – 2.4835GHz
Range: open air: up to 100 m
in rooms: Up to 30 m

Connections: 1 DIN output
1 aerial output 75 Ohm

Subject to technical modifications.

C € 0682

Declaration of conformity

The appliances comply with the European directives for radio equipment and telecommunications equipment.
(R&TTE 1999/5/EC).

The certificate of conformity is posted on the Internet at:
<http://www.medion.com/conformity>.