

300605A-DG420

Control **Zentrum**

INSTRUCTION GUIDE

Please read this instruction guide carefully prior to installation

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<http://www.digisender.net>

*One or more functions of the DigiSender™ Control Zentrum™
are covered by UK & international patents.*



DigiSender
the wirefree video system

MODEL: DG420

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WARNING
To prevent damage do
not expose this unit to
rain or moisture.

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INTERFERENCE WARNING
This device is liable to receive interference signals generated by Spread Spectrum Lan networks and stray microwave emission from some Microwave Ovens. Such interference will cease after the interfering equipment has been switched off.

FAQ

- Q: I can only see a fuzzy or 'snowstorm effect on screen**
A: This could be caused by a number of reasons. Check out the following...
i) Your receiving television is set to the correct A/V channel (see page 15 for details). To confirm this, switch off your receiver. If the screen does not go black, you haven't selected the A/V channel. You may need to refer to your television instruction guide for details.
ii) The correct DigiSender Audio/Video channel has been correctly set. The same audio/video channel must be selected on both the transmitter and receiver. See page 17 for details.
- Q: There is interference on my picture!**
A: You need to change the Audio/Video channel of your DigiSender. See page 17 for details.
- Q: I can't choose a different Satellite/Cable channel from my main room!**
A: This is normal. Your Satellite/Cable decoder can only decode one channel at a time.
- Q: My DigiSender remote control has stopped working**
A: You need to replace the remote control batteries. It takes a CR2025 battery, available from most electrical outlets. Some electrical equipment may interfere with the remote controls operation. Move the DigiSender transmitter and receiver away from other electrical devices and keep cables neat and tidy.
- Q: My DigiSender remote control won't change my Satellite/Cable channel!**
A: The DigiSender Remote Control is designed for changing the input device and/or Audio/Video channel. It will not operate any satellite or cable systems. You need to use your original satellite/cable remote control.
- Q: My neighbour is changing my Satellite/Cable channel!**
A: You need to change the Remote Control Extender channel of your DigiSender. See page 17 for details.
- Q: I can't get my Satellite/Cable/DVD/VCR remote control to work in the second room!**
A: This could be a number of things...
i) Check the position of the magic eye as shown on page 13. Try moving the eye into different positions.
ii) Change the batteries in your remote control.
iii) Try moving the DigiSender transmitter and receiver away from electrical equipment that may be interfering.
- Q: I can't get my Digital Cable remote control to work!**
A: This model of DigiSender is fully compatible with both RC5 and IrDA active digital receivers, but you may need to follow these additional steps...
i) The remote control (IrDA) range is slightly lower than for other RC5 devices. Make sure you are using your cable remote control within 3m of the DigiSender receiver.
ii) Pay extra attention to positioning the magic eye as close as possible to the IR pickup on your cable receiver.
- Q: Where can I purchase upgrades and additional parts for my DigiSender?**
A: Always ask at your local stockist. More information is available from the DigiSender website at: <http://www.digisender.net>
- Q: How can I connect my receiver to a Hi-Fi or Amplifier?**
A: Use the Phono outputs on the rear of the receiver.
- Q: I am getting interference from my 2.4GHz wireless network, LAN or ADSL Router.**
A: There are 4 available channels for the DigiSender to use (see Page 17). Please consult the documentation supplied with your network equipment for information on changing the channel configuration.

Customer Care

AEI Security & Communications Ltd is dedicated to providing its customers with first class support.

During busy periods we would suggest using the web and e-mail options to obtain support.

We have provided you with 3 methods of obtaining technical advice on this product.

1. On the web...

Free technical advice is available online 24/7 at our dedicated support web site:

<http://www.digisender.net>

2. By e-mail...

You can contact our engineers by e-mail. Please be sure to clearly explain your problem and the model you have purchased.

advice@digisender.net

3. By Telephone...

We have a dedicated helpline, Monday to Friday, 9AM-1PM and 1:30PM - 5PM. The telephone helpline is available to UK customers only. Please note that calls are charged at the local rate, and your call may be recorded for training purposes.

0845 166 7940

Features

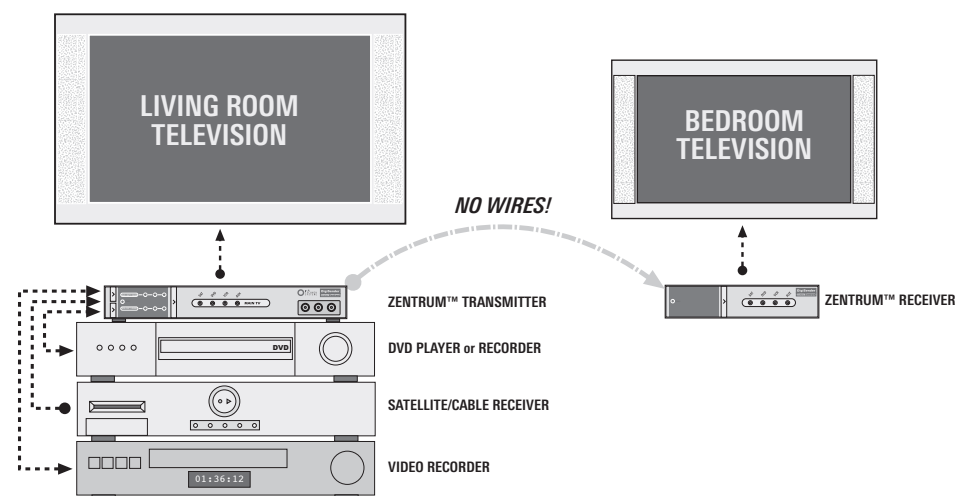
Welcome to the new world of the DigiSender Zentrum where your entertainment system will be centralised using new routing technology.

The key function behind every DigiSender system is the need to transmit wirelessly around your home from every entertainment source you have and for the first time DigiSender brings you Enhanced Range Technology for an even Brighter and Crisper picture quality as well as stereo high fidelity sound.

But centralizing your entertainment system also means that copying your favorite movies from VCR to DVD etc with a simple button press as well as allowing you to select any source in your bedroom without disturbing recordings or what is being watched on your main TV.

Spend a few moments to browse through this manual so you can get the best from your new DigiSender Zentrum purchase.

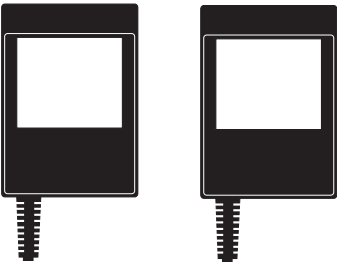
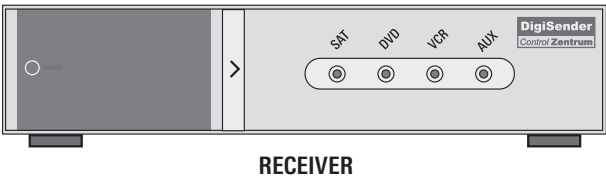
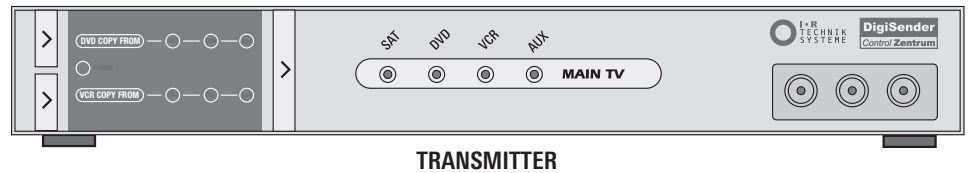
DigiSender is committed to enhancing your entertainment experience with the very best design technology available and the Zentrum will surely surpass your expectations over 2 years of dedicated development.



Unpacking your DigiSender™ Control Zentrum™

The DigiSender™ Control Zentrum™ is supplied with everything you need to connect to 2 SCART devices. *Additional SCART/RCA Phono cabling may be required depending on your equipment configuration.*

The contents of this pack have been computer weigh checked

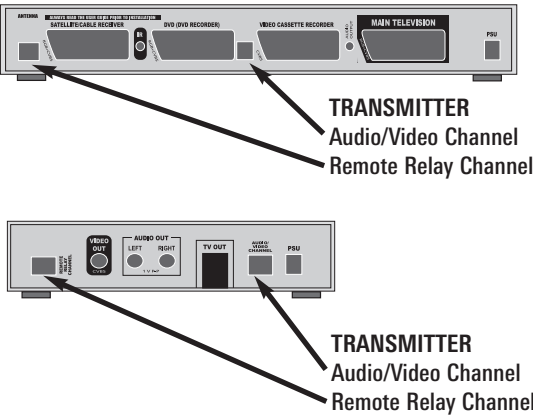
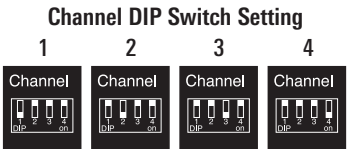


2 x POWER SUPPLY UNIT (PSU)

Advanced Configuration

Setting the Audio/Video and Remote Relay channel.

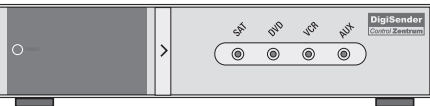
In the event of an interference problem with another wireless video, audio or network device it is possible to alter the channels this device operates on. The audio/video channel and remote relay channel are independent of each other. The same channels must be set on both the receiver and transmitter.



Expand your DigiSender Zentrum System

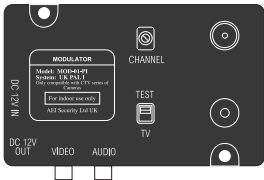
Additional Receiver - DG42RX

Watch your Satellite/Cable, DVD, VCR and Auxiliary source in additional rooms around your home.



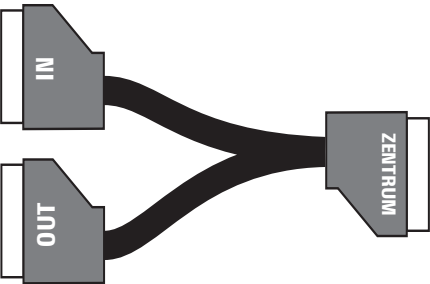
Aerial Convertor - MOD01PIS

Connect your Zentrum receiver to any television without a SCART socket.



SCART Combiner Lead - SCT2X1

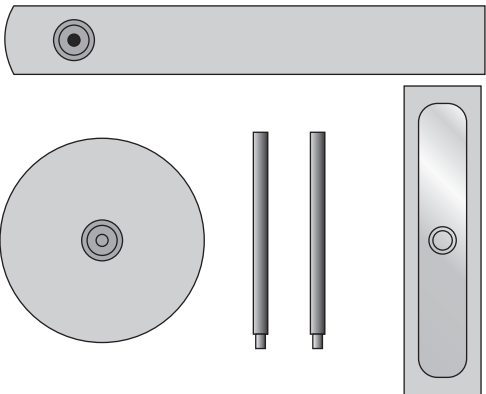
For use with DVD Recorders and VCRs where the IN and OUT SCART sockets are separate.



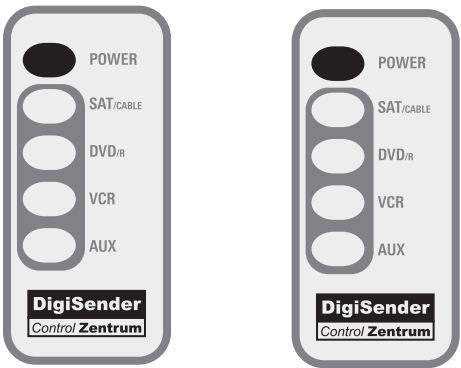
For information on where to purchase these accessories and many more, please visit:

www.digisender.net

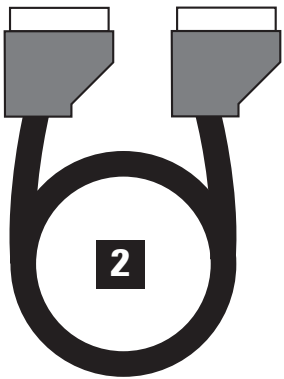
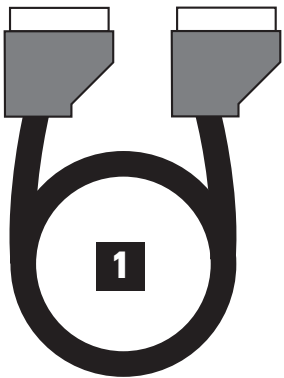
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IR SYSTEME TECHNIK™ - MAGIC EYE



2 x REMOTE CONTROL

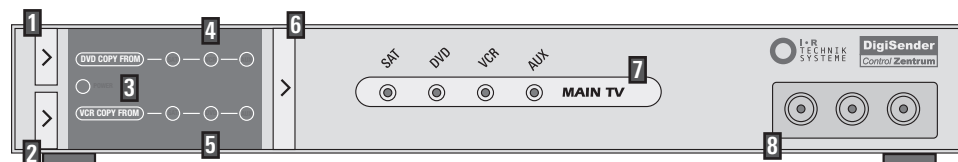


2 x SCART LEAD

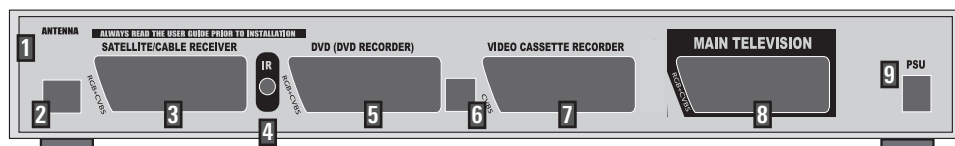
Always check the pack contents prior to commencing installation

DigiSender™ Control Zentrum™ Panel Descriptions

With DigiSender™ Control Zentrum™ the emphasis has been placed on ease of use and clear, descriptive panel markings and indication.



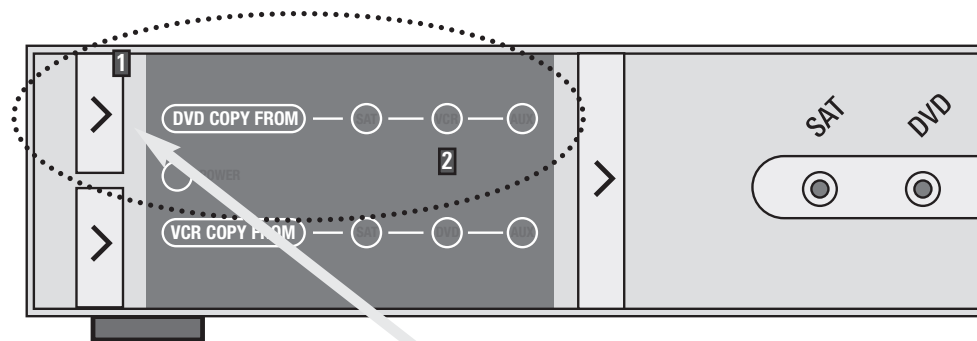
1. **'DVD COPY FROM' Control.** Press this button to select which device is transferred to a connected DVDR. You can choose from Satellite/Cable, VCR or Auxiliary.
2. **'VCR COPY FROM' Control.** Press this button to select which device is transferred to a connected VCR. You can choose from Satellite/Cable, DVD or Auxiliary.
3. **'POWER' Indicator.** Indicates that power is present and the device is switched on.
4. **'DVD COPY FROM' Indicator.** Indicates which input is being transferred to a DVDR device.
5. **'VCR COPY FROM' Indicator.** Indicates which input is being transferred to a VCR device.
6. **'MAIN TV' Control.** Select the device you wish to watch on your main television.
7. **'MAIN TV' Indicator.** Indicates which input is being transferred to your main television.
8. **'Auxiliary' A/V Input.** Composite video and left/right audio connections. Suitable for use with most camcorders, games consoles and CCTV cameras.



1. **Antenna.** Remote control relay antenna.
2. **'Remote Relay' Channel.** This must be set the same on both the transmitter and receiver.
3. **'SATELLITE/CABLE' Socket.** Input for your satellite or cable receiver. Compatible with CVBS & RGB.
4. **'IR' Socket.** Connect the magic eye device here.
5. **'DVD (DVD RECORDER)' Socket.** Connect to your DVD player or recorder. Input and output. Compatible with RGB & CVBS.
6. **'Audio/Video' Channel.** This must be set the same on both the transmitter and receiver.
7. **'VCR' Socket.** Connect your VCR here. Compatible with CVBS.
8. **'MAIN TV' Socket.** Connect to your main television.
9. **PSU.** Connect to the supplied mains adapter (PSU)

Recording Satellite/Cable, VCR or Camcorder on to your DVDR

The DigiSender Control Zentrum can be easily set to transfer Satellite/Cable, VCR or Camcorder to DVDR without changing any SCART leads or affecting what you watch on your main or second television.



Selecting the DVD record source:

Press the button (1) to cycle between the source transferred to your DVDR for recording. The selected source will be indicated on the front panel (2).

IMPORTANT NOTES:

Selecting 'VCR COPY FROM' will automatically set your main TV source to VCR. You may manually change this by pressing the 'Main TV' button without affecting the copy.

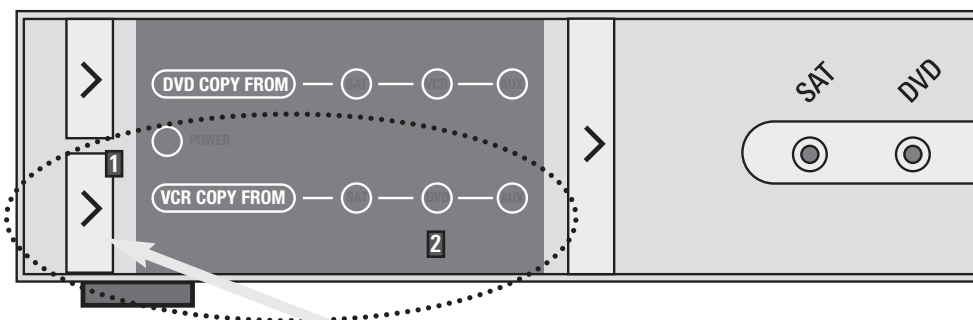
You must select the correct SCART input on your DVDR for recording. For further information see your DVDR's instruction manual and the upgrades guide at the back of the manual.

NOTICE:
DVD Copy function is not compatible with standard DVD players i.e. A DVD Recorder is required to use this feature.

Recording Satellite/Cable, DVD or Camcorder on to your *VCR*

The DigiSender Control Zentrum can be easily set to transfer satellite/cable, DVD or Camcorder to VCR

without changing any SCART leads or affecting what you watch on your main or second television.



Selecting the VCR record source:

Press the button (1) to cycle between the source transferred to your VCR for recording. The selected source will be indicated on the front panel (2).

IMPORTANT NOTES:

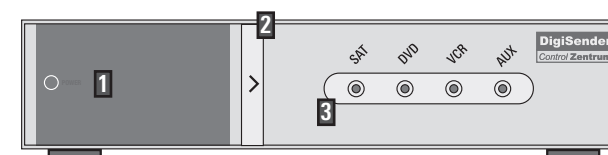
Selecting 'DVD COPY FROM' will automatically set your main TV source to DVD. You may manually change this by pressing the 'Main TV' button without affecting the copy.

You must select the correct SCART input on your VCR for recording. For further information see your VCRs instruction manual.

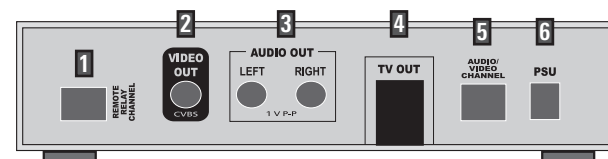
To select the SCART input, locate one of the following buttons on your VCR remote control:

AUX
LINE
SCART
INPUT
AV

continued...



1. **'POWER' Indicator.** Indicates that power is present and the device is switched on.
2. **'DEVICE' Control.** Select what you watch in your second room - Satellite/Cable, VCR, DVDR or Auxiliary.
3. **'DEVICE' Indicator.** Indicates which input is being transferred to this receiver and thus what is being watched on the second TV.



1. **'Remote Relay' Channel.** This must be set the same on both the transmitter and receiver.
2. **Video Output.** Composite (CVPAL) Video Output suitable for connection to a television.
3. **Audio Output.** Left & Right Stereo Audio Output suitable for connection to a Hi-Fi or television.
4. **TV SCART Output.** For connection to your television.
5. **'Audio/Video' Channel.** This must be set the same on both the transmitter and receiver.
6. **PSU.** Connect to the supplied mains adapter (PSU)

Connecting your DigiSender Zentrum Transmitter

The DigiSender™ Control Zentrum™ Transmitter will form the 'hub' of your home entertainment system, handling the following functions: Transmission of an audio/video source to a second room in your home, SCART switching for your main TV and the transfer of material between your recording devices - VCR and/or DVDR.

Removing all existing connections between devices may simplify installation & configuration of this unit.

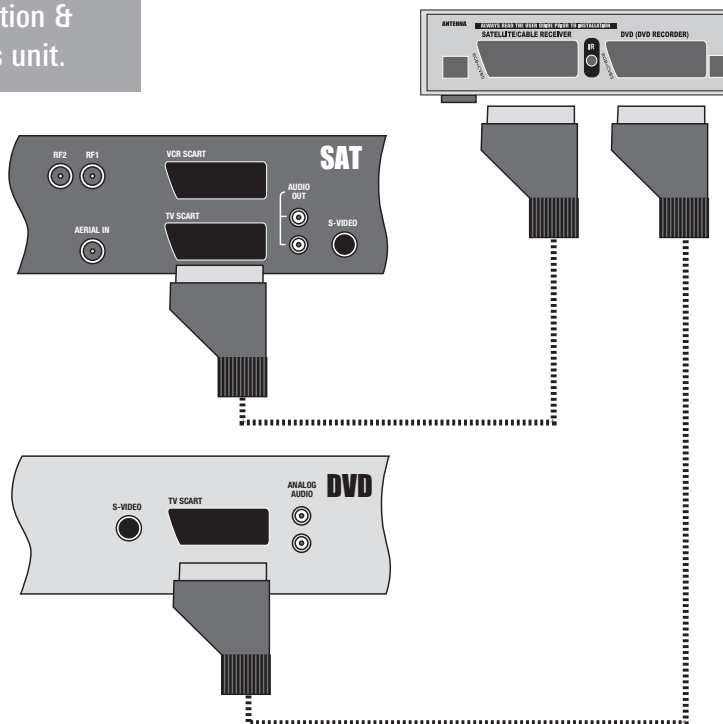
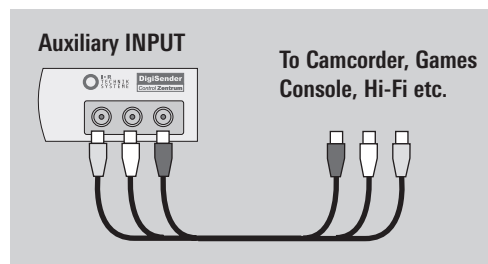
Satellite/Cable Receiver

The SAT/CABLE socket on the transmitter must be connected to the 'TV OUT' SCART socket on your satellite or cable receiver.

See the FAQ if these connections are not available.

DVD or DVDR

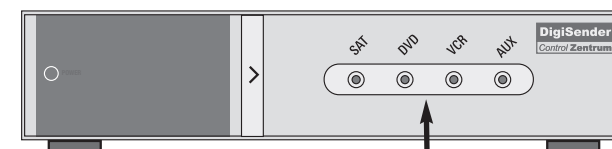
For DVD players, please connect the DVD socket on the transmitter to the SCART socket on your player. For recorders it should be connected to a combined IN/OUT socket. If this is not available i.e. separate IN and OUT then you will require part: SCT03X2



Controlling your second television source

Unique to the Zentrum range is the ability for a viewer in the second location (e.g. bedroom) to choose the device they want to watch -

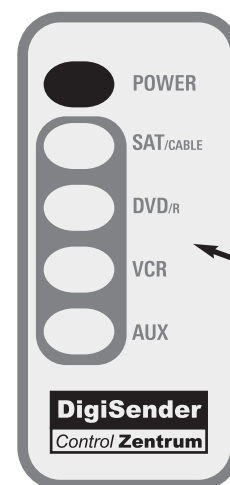
Satellite/Cable, DVD, VCR or Camcorder. This operation is completed by simply using the supplied remote control unit.



Source LED's

A blue light will indicate the source being transferred to your 2nd television.

On power up, no lights will show until a source is manually selected (see below)



To select the device you wish to watch on the 2nd TV:

Remote Control

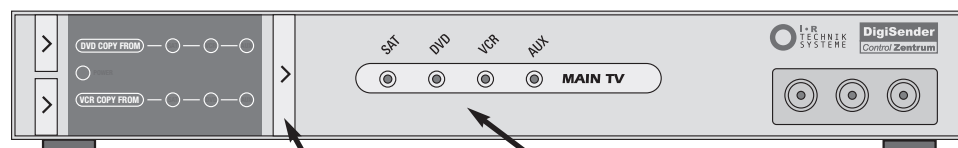
Press 'SAT/CABLE', 'DVD/r', 'VCR', or 'AUX' to choose the source on your 2nd TV.

You must direct the remote control at the DigiSender™ Control Zentrum™ receiver unit.

Controlling your *main* television source

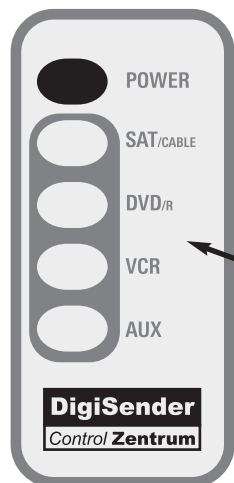
DigiSender takes full control over what source device you watch on your main television. No more messing about with SCART plugs - it's all done from the

supplied remote control. Simply choose between Satellite/Cable, DVD, VCR or Camcorder and the Zentrum will route that device through to the TV.



'MAIN TV'

A blue light will indicate the source being transferred to your main television.



There are two methods of choosing what you watch on your main TV:

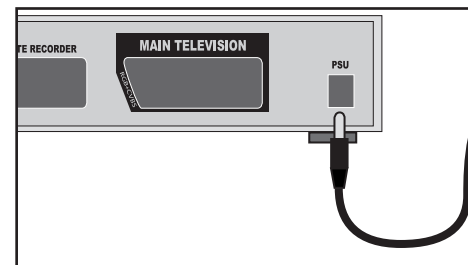
- Main TV Control**
Press to cycle between Satellite/Cable, DVD, VCR and Auxiliary.
- Remote Control**
Press 'SAT/CABLE', 'DVD/r', 'VCR', or 'AUX' to choose the source on your main TV.

You must direct the remote control at the DigiSender™ Control Zentrum™ transmitter unit.

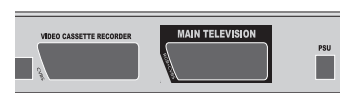
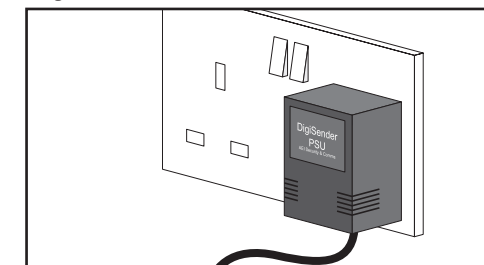
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Switch off all appliances prior to making connection changes!

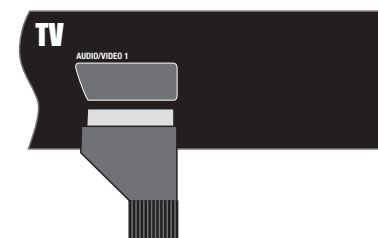
Connect the PSU to the transmitter



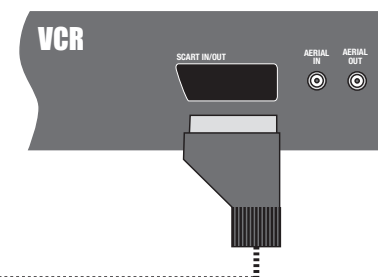
Plug the PSU into an available mains socket



DigiSender™ Control Zentrum™ Transmitter



Main Television Set
Connect the 'MAIN TELEVISION' socket to an available socket on your television.



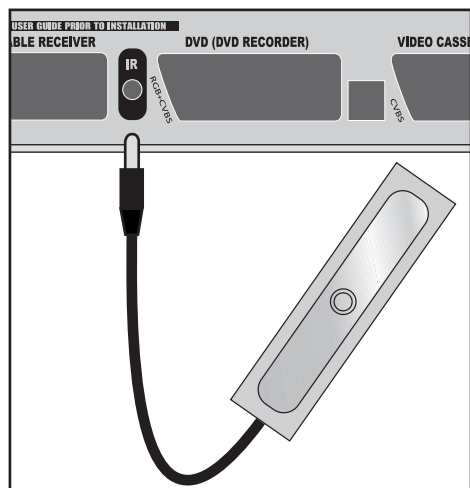
VCR
Connect the VCR socket to an available SCART on your VCR.

Configuring the remote control extender

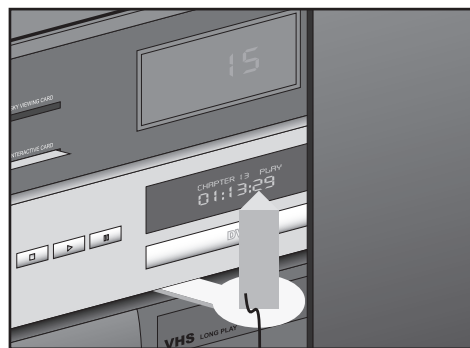


The built-in advanced remote control extender enables you to control the device you are watching from the second tv.

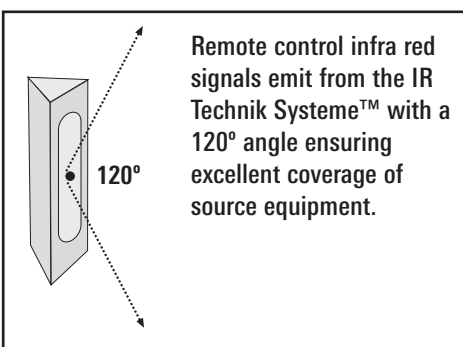
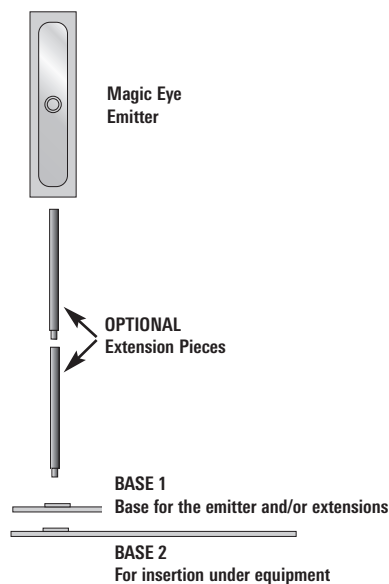
Step 1: Connect the magic eye to the transmitter.



Step 3: Position the magic eye system



Step 2: Assemble the magic eye system



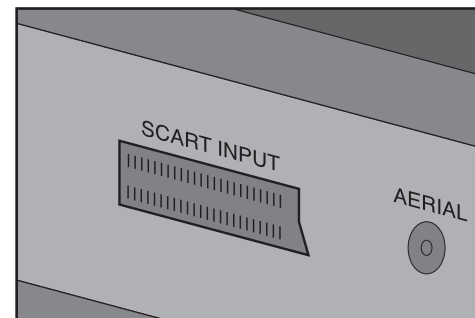
Connecting your DigiSender Zentrum Receiver

The DigiSender™ Control Zentrum™ receiver is designed to receive an audio/video source from the transmitter. This could be your satellite or cable, VCR, DVD or any other device connected to the

transmitter. It can be connected to any television with a SCART socket or composite and left/right audio connections.

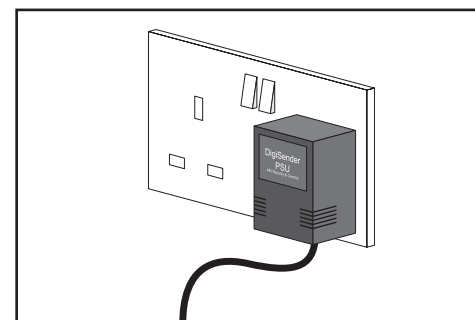
Step 1: Connect the receivers SCART plug to your second television.

Please see the upgrades section if your TV does not have a SCART socket.

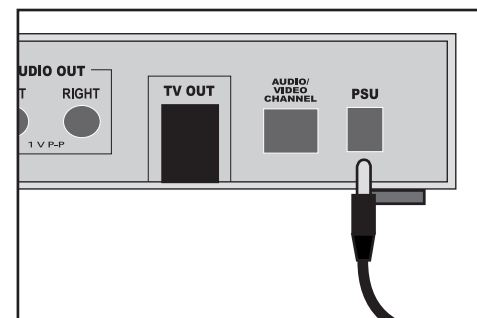


Step 3: Connect the PSU into an available mains socket.

Switch mains power OFF prior to connecting the PSU.



Step 2: Connect a DigiSender PSU to the PSU socket on the rear of the receiver.



To select the SCART input, locate one of the following buttons on your TV remote control:

AUX
LINE
SCART
INPUT
AV
0