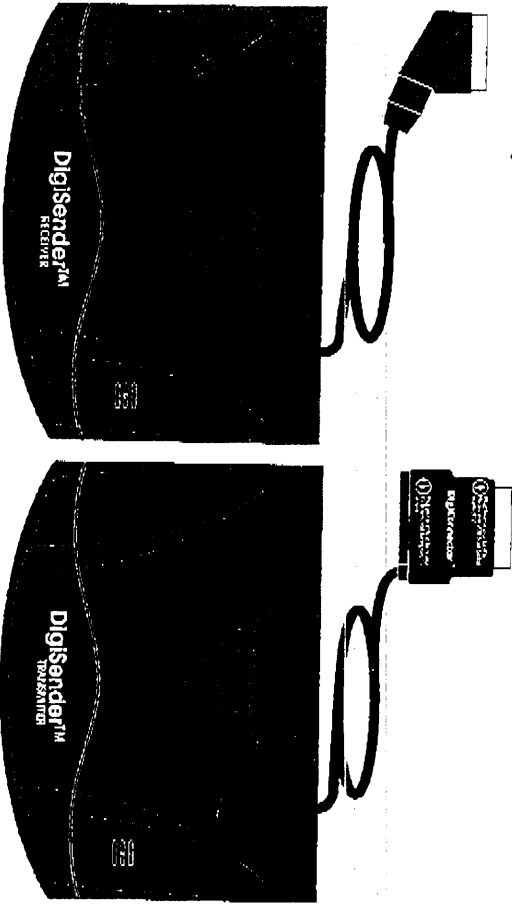


DG-200 Kit contents

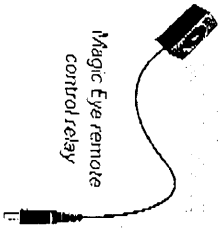
Model : Digisender™

The DG-200 pack contains all you need to send Satellite and/or VCR pictures and Hi-Fi Stereo audio from a lounge to a bedroom or similar application. A built in remote control relay function also allows remote control signals from the bedroom to be relayed back to the lounge thus allowing you to control the satellite or VCR channel from your bedroom.



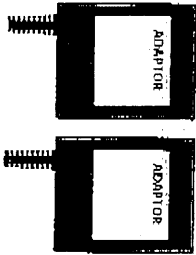
Digisender™ Receiver

Digisender™ Transmitter



Magic Eye remote control relay

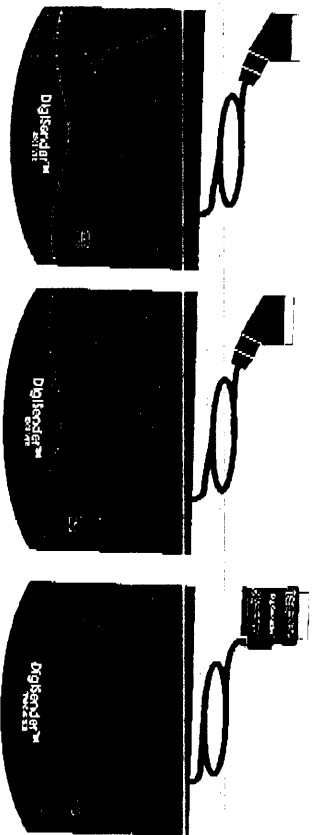
2 x Power supply



DG-220 Kit contents

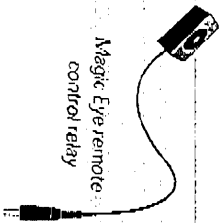
Model : Digisender™ Twin receiver pack

The DG-220 pack contains all you need to send Satellite and/or VCR pictures and Hi-Fi Stereo audio from your lounge to two other televisions in your home. This model also incorporates the same built-in remote control relay as the DG-200 Digisender™.



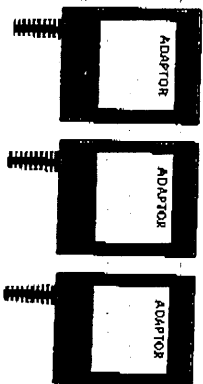
2 x Digisender™ Receiver

Digisender™ Transmitter



Magic Eye remote control relay

3 x Power supply



4260314 (AV07694)

About your Digisender™

Welcome!

By making the decision to purchase the Digisender™ hi-fi stereo video sender system by AEI Security you are participating in the use of the very latest RF technology currently available to enjoy TV/Video and stunning audio reception within your home. This system is also suitable for commercial applications using CCTV or other equipment.

Approved!

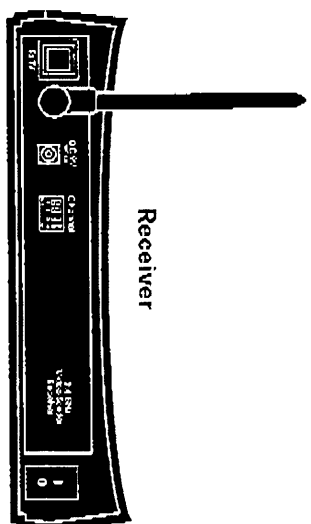
The Digisender™ system complies with many new European harmonised standards for the Video and audio transmissions. This means that the system is legally safe to use within any European country.

Design!

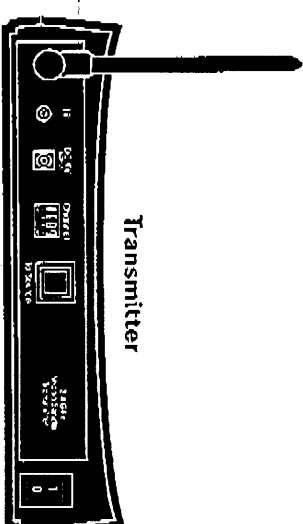
The Digisender™ system is able to provide stunning picture quality on any domestic television fitted with a SCART connector. In addition, the Digisender™ incorporates very clever remote relay functions that enable you to change channel on the source equipment from any location in your home where the receiver is fitted. The Digisender™ has been designed as a system that requires no specialist knowledge or tools to install.

Channels 3 & 4 are protected from use in France.

Rear panel descriptions



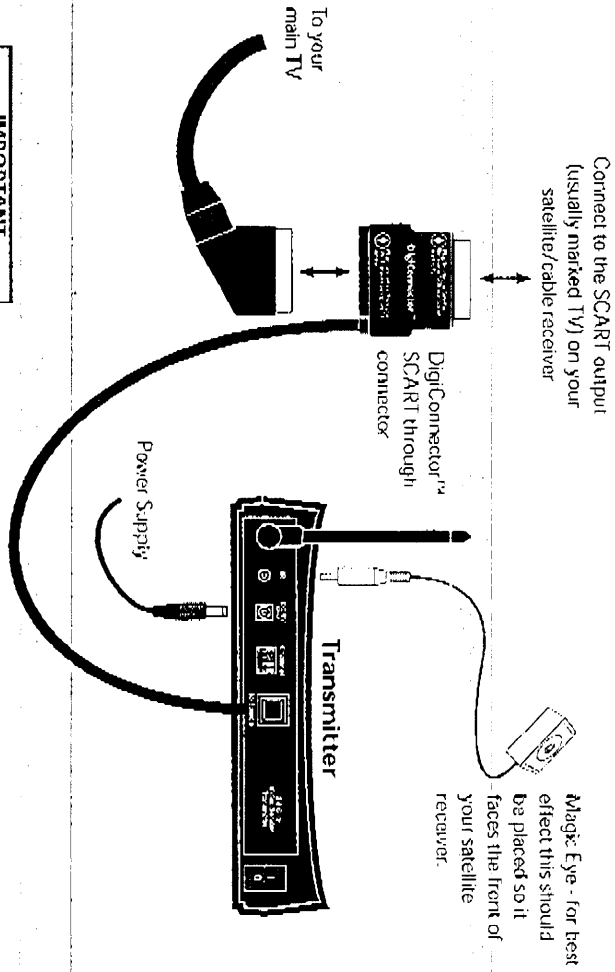
Remote control relay antenna
DC9V power
SCART output
Power On/Off
Channel selector - see page 8



Remote control relay antenna
Magic Eye connector
DC9V power
Power On/Off
SCART input
Channel selector - see page 8

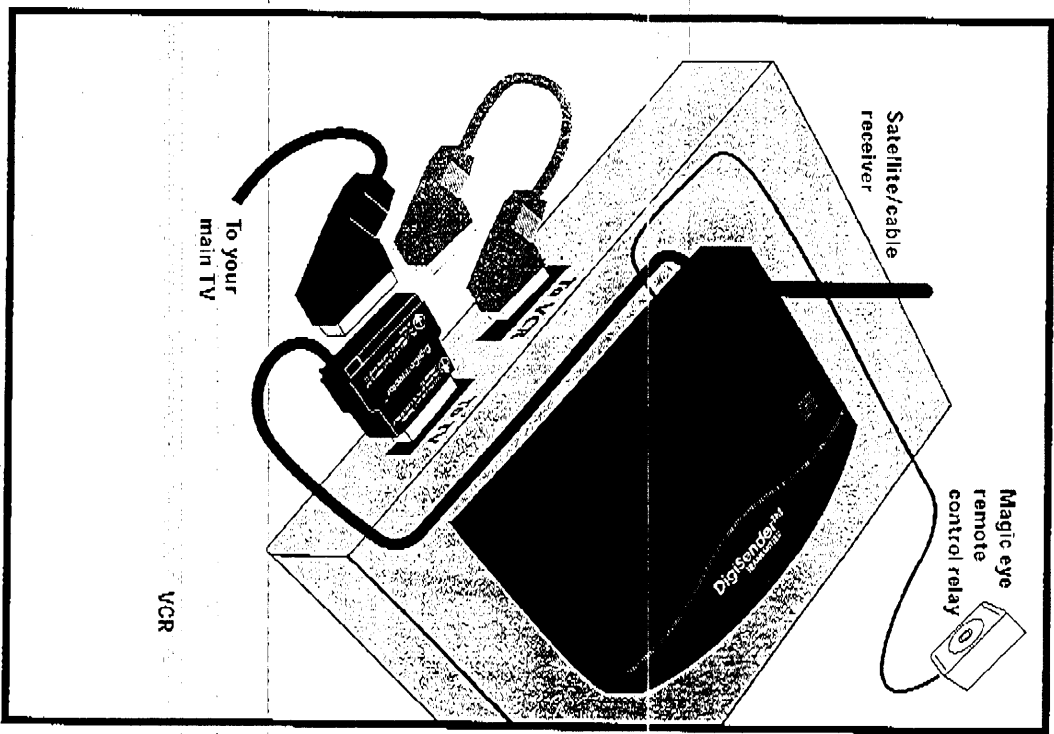
Connecting the transmitter to your satellite/cable receiver

The DigiSender™ can be connected to any analogue or digital satellite receiver with a SCART output.
On some satellite/cable receivers there are 2 SCART sockets. In this case you must connect the DigiConnector to the SCART socket labelled TV or OUTPUT.



IMPORTANT!
You must select a channel on the rear of the DigiSender. Make sure you select the corresponding channel on the receiver.

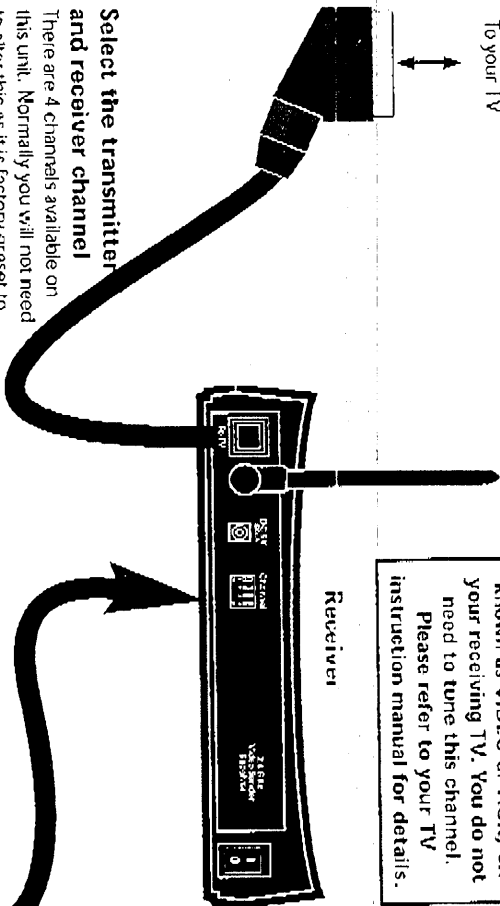
The DigiSender™ uses 4 available frequency channels at 2.4GHz allocated in the UK by the DTI for use. Each of the 4 channels operates separately and has a different independent set to work within a confined area without interference. As an example, residents with a dog, (you may of each other) can select their own of several available frequency channels to use. This will ensure that the DigiSender™ will not interfere with other channels in the area.



Connecting & setting up the receiver(s) with another TV

The receiver(s) can be connected to any television with a SCART input.

To your TV

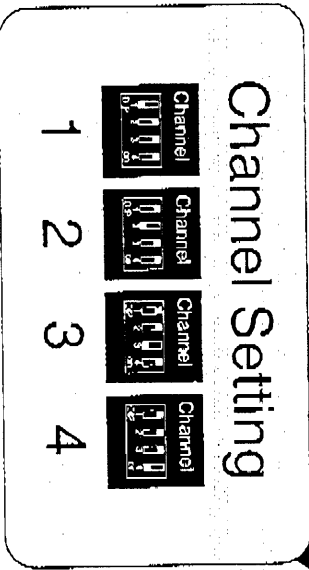


IMPORTANT
 You must select A/V (sometimes known as VIDEO or AUX) on your receiving TV. You do not need to tune this channel. Please refer to your TV instruction manual for details.

Select the transmitter and receiver channel

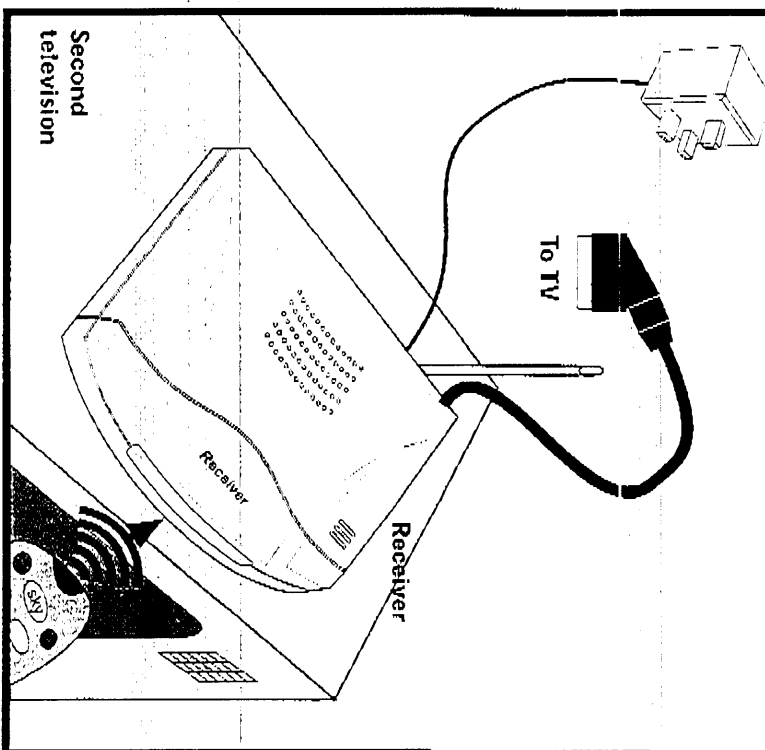
There are 4 channels available on this unit. Normally you will not need to alter this as it is factory set to channel 1. However, if you find you get interference from a neighbour using a similar system or you are using a wireless CCTV camera or transmitter, you will need to change the channel this device transmits on.

You must select the same channel on the receiver(s) and the transmitter for the units to communicate correctly



NOTE: Your second TV requires a SCART input connection. If your TV only has a UHF aerial input you will need the optional UHF Modulator (part no. M40D-01-PI5)

Power Supply



Technical Specifications

Transmitter :

Remote relay receiver
Audio/Video Frequency
Channel Frequency

433.92MHz	2.400GHz ~ 2.4835GHz
Channel 1	2.414GHz
Channel 2	2.432GHz
Channel 3	2.450GHz
Channel 4	2.468GHz

Modulation
Video Input Level

FM	1V PP/75
Phase Alternate Line (PAL)	1.0V PP (Mod 1KHz, Dev 15KHz)
Colour/Video Input	10Hz ~ 22KHz (-1dB)
Audio Input Level	Euro SCART
Audio Bandwidth	DC 9V 500mA Typical
Input Connectors	
Power Source	

Receiver :

Remote relay transmitter
Audio/Video Frequency
Modulation
Video Output Level
Sensitivity
Audio Output Level
Audio Bandwidth
Output Connectors
Power Source

433.92MHz	2.400GHz ~ 2.4835GHz
FM	1V PP/75
80dBm	1.0V PP (Mod 1KHz, Dev 15KHz)
10Hz ~ 22KHz (-1dB)	Euro SCART
DC 9V 500mA Typical	

Approvals

- BS7022:00.92
- EN50960:1992+A1+A2+A3+A4+A11
- FETS 300 440:1997
- EN 300 220-1:1997

Antenna System
System Range

Internal Omni-directional dipole (2.4GHz)
External Omni-directional dipole (433.92MHz)
100metres free air space
25 metres in-building (through walls)

Frequently asked questions (FAQ)

- Q. I can't get any picture on my second TV**
A. You need to select the SCART channel on your receiving TV. Your TV will have a channel named A/V, VIDEO, AUX or SCART which you must select.
- Q. My second TV doesn't have an A/V channel**
A. On some television models channel 0 will select the SCART input.
- Q. The Remote relay function does not always work**
A. Make sure the Glass Eye of the Magic Eye is pointing towards the front of the satellite receiver. Try mounting the Magic Eye at an angle to the satellite or VCR.
- Q. The remote relay does not work with my VCR**
A. Make sure the Glass Eye of the Magic Eye is pointing towards the front of the Satellite Receiver and the VCR. Try mounting the magic eye further away from the equipment or at a slight angle.
- Q. The remote relay does not work at all**
A. Check the RED LED flashes inside the front of the Transmitter:
No it doesn't flash - then you must change your remote control batteries
Yes it flashes - Move the Transmitter closer to the receiver unit.
Make sure the Glass Eye of the Magic Eye is pointing towards the front of the satellite receiver.
- Q. I'm mounting the Magic Eye at an angle to the satellite or VCR.**
A. **Is the Digisender compatible with NTL/Telewest digital cables?**
The remote control relay will not work on certain models of digital cable receiver. Contact the ATE Helpline to check on upgrades available for your model.
- Q. The picture is too dark or too bright**
A. Move the contrast switch on the Digibox connector to the other position or adjust the brightness on your Digibox pull down menu - refer to your Digibox instruction manual for details.
- Q. There is an interference pattern on the screen**
A. Change the Channel number you are using & refer to the Interference Warning on page 2.
- Q. There is noise on the sound**
A. Move the receiver unit closer to the transmitter
- Q. Change the Channel number you are using - Try all 4 in turn and choose the best.**

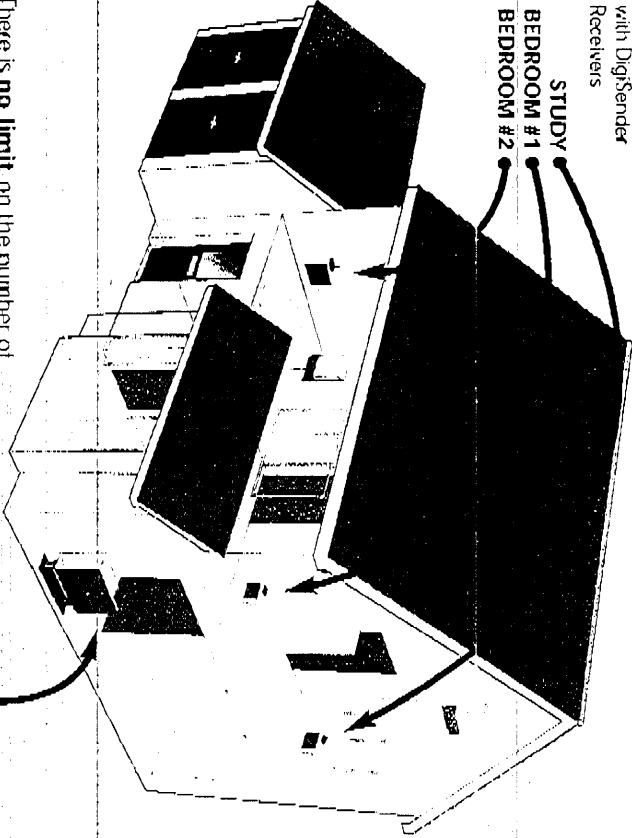
Upgrading your Digisender™

Add any number of additional receivers to other TV's around your home!

To obtain additional receivers please order part no. DG-20-RX You can order Digisender™ accessories online at: buy.digisender.com

Additional TV's with Digisender Receivers

STUDY
BEDROOM #1
BEDROOM #2



There is **no limit** on the number of receivers that can be used with each Digisender™ transmitter. (Ensure that each receiver is within 25 metres of the transmitter).

Main Lounge TV with satellite/cable decoder, VCR and Digisender™ Transmitter

Connecting the receiver to a TV with an aerial input only

If your additional TV's do not support a scart input connector then the Digisender™ must be connected to the aerial input. Use the AEI Security UHF PAL Modulator, part no. MOD-01-PLS

Connecting the receiver to your Hi-Fi

You can transmit crystal clear stereo sound from your satellite system to another Hi-Fi around your home by using a SCART to phono converter. Use the AEI Security SCART to Phono converter, part no. SCT-03

Digisender™ accessories

buy online at:
<http://buy.digisender.com>

or phone:
01424 813222

FAQ continued...

- Q.** I haven't got a SCART socket on my receiving TV
- A.** You need the Aerial Modulator part number MOD-01-PI5. See page 15 for details.
- Q.** The Remote relay function does not always work
- A.** Make sure the Glass Eye of the Magic Eye is pointing towards the front of the satellite receiver. Try mounting the Magic Eye at an angle to the satellite or VCR.
- Q.** What is the maximum range between the transmitter and receiver?
- A.** The maximum range between the transmitter and receiver is approximately 100 metres clear line of sight, but range is dramatically reduced when signals travel through walls and ceilings. In buildings with wide internal brick-work the signal will tend to travel through doorways and noticeable loss of picture may be experienced as people move around the home. Typical reliable range in building is 20-30 metres dependant upon the construction of the building.
- Q.** I want to use the Digisender™ to relay Audio to my Hi-Fi
- A.** You need to connect a SCART breakout connector to the receiver - see www.support.aeisecurity.com
- Q.** I would like to connect the Digisender™ to my PC TV out or Camcorder.
- A.** You need to connect a SCART to composite converter - see www.support.aeisecurity.com

Technical Support

If you encounter a problem operating your Digisender™ you should check on the new AEI Security support service at :

www.support.aeisecurity.com

If you do not have Internet access you can contact a member of our support team on 01424 814555 (calls charged at standard rate)

Connecting the transmitter to other devices

You can use the Digisender™ to transmit audio and video from a number of different devices including:

- Video cassette recorders
- Camcorders
- DVD Players (Digital Versatile Disc)
- Video CD and laser disc players
- Home PC with TV out card
- CCTV cameras

For equipment that has a SCART output connection you can refer to the diagram on page 6. Otherwise a SCART breakout box is required that provides phono in and SCART female out connections (not to be confused with breakout boxes that provide phono out and SCART in)

AEI Security have placed extensive efforts upon supporting users via the Internet. You can find lots of information from the following sources:

<http://www.digisender.com> provides further information on connecting the Digisender™ including a regularly updated FAQ

<http://www.support.aeisecurity.com> provides more technical user information including a dedicated interactive bulletin board where you can read questions posted by other Digisender™ users and even post a question yourself

