Model: DG200

DigiSender® X2

Wirefree TV for your home

Twin Input 2.4GHz Wireless AV Sender System

Want to **transmit** to **more** than 1 room?
You need a **DG20RX Additional Receiver**!
Visit: **www.aei.eu** for details

WATCH A VIDEO INSTALLATION
& TROUBLESHOOTING GUIDE
Available online at: www.aei.eu/video

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Introduction

Congratulations on purchasing the DigiSender® X2 - Twin Input 2.4GHz Wireless AV Sender System. This product represents state of the art wireless audio and video technology at exceptional value for money.

You can now enjoy DVD quality video and Hi-Fi stereo sound from your Satellite, Cable, Freeview, DVD or VCR in another room in your home.

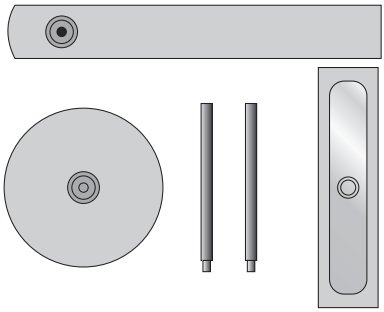
The DigiSender® X2 is designed to work with virtually any video source and is an ideal solution for transmitting channels from a typical home entertainment environment.

Benefit from 2.4GHz wireless transmission, 2x Auto-switching DigiConnector™ SCART Inputs and 4 Audio/Video Channels with the new DigiSender® X2!

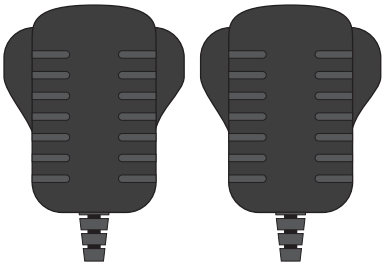
Installing your DigiSender®

Step 1 - Unpack your DigiSender®

All DigiSender® orders are computer weight checked when packed. However, it is a good idea to check all kit contents are present before proceeding with the installation.

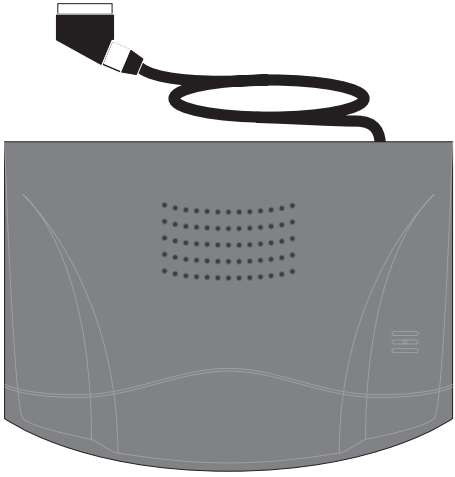


IR Systeme Technik™ Kit



2x Power Supply Units

Transmitter



Receiver

Installing your DigiSender®

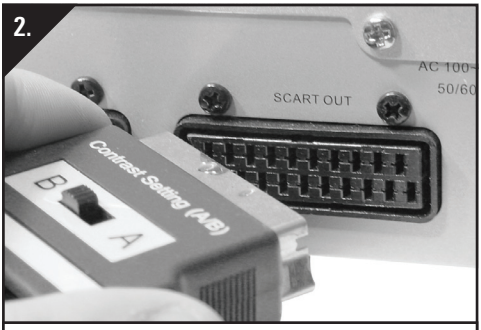
Step 2 - Install the Transmitter

The Transmitter will send the audio and video from two connected sources (your Satellite receiver and DVD Player for example) to the Receiver, located in another room in your home.

1.

Connect DigiConnector™ 1 to your Satellite, Cable or Freeview box. Use the SCART socket labelled 'TV' or 'OUT'. Connect any existing SCART lead into the rear of the DigiConnector™.

2.

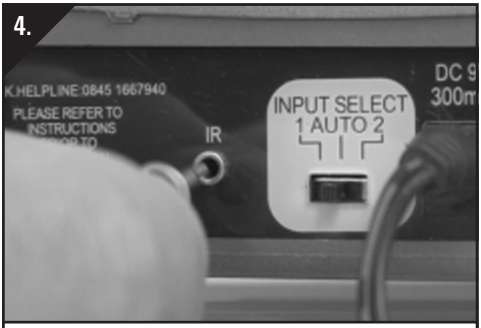


Connect DigiConnector™ 2 to your DVD Player, HDD Recorder or VCR. Use the SCART socket labelled 'TV' or 'OUT'. Connect any existing SCART lead into the rear of the DigiConnector™.

3.

Ensure that the Audio/Video Channel switches on the back of the Transmitter are set to 1.

4.

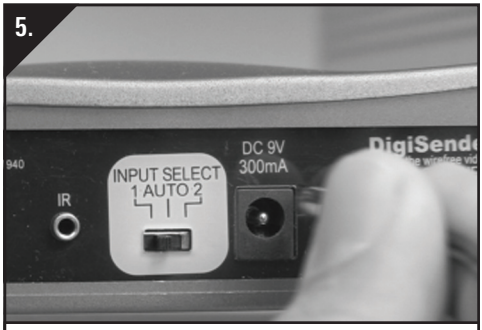


Connect the IR Emitter to the socket labelled 'IR' on the back of the Transmitter. See Page 07 for more information on installing the IR Systeme Technik™.

Installing your DigiSender®
continued...

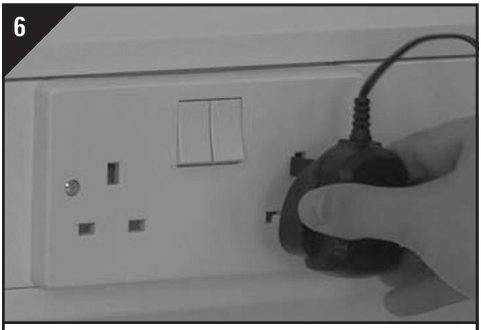
Note: Try to avoid positioning the Transmitter directly on top of other electrical devices as this could lead to a poor picture.

5.



Connect the Power Supply Unit (PSU) to the socket labelled 'DC 9V 300mA' on the rear of the Transmitter.

6



Connect the Power Supply Unit (PSU) to an available mains socket.

What's the A/B switch for?

The Contrast (A/B) switch is present to compensate for differences in equipment set-ups.

If you experience a poor picture after installation is complete, try adjusting the A/B setting.

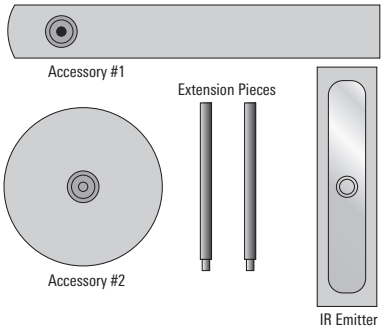
Installing your DigiSender®

Step 3 - Install the IR Systeme Technik Remote Relay Kit™

Once set up correctly, the IR Systeme Technik™ Remote Relay Kit will enable you to control your source equipment from the receiving location in your home.

Because everyone's set up is different there are many ways you can install the IR Systeme Technik™ Remote Relay Kit and the various included accessories will help you in setting it up correctly.

I•R SYSTEME TECHNIK



Example 1: Mount the IR Emitter vertically using accessories 1 and 2. Ensure the LED is facing the IR sensor on your source equipment.

Example 2: Mount the IR Emitter horizontally using the supplied sticky pad. Ensure the LED is facing the IR sensor on your source equipment.

Installing your DigiSender®

Step 4 - Install the Receiver

The Receiver will pick up the signals being sent by your Transmitter and output them to a connected TV.

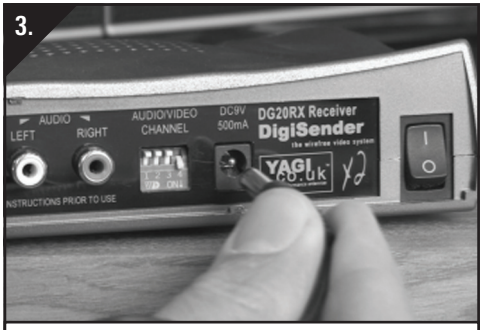
1.

Locate a vacant SCART socket on the back of your receiving TV and insert the DigiSender® SCART cable.

2.

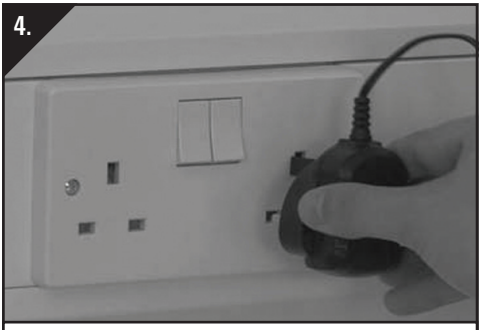
Ensure that the Audio/Video Channel switches on the back of the Receiver are set to 1.

3.



Connect the Power Supply Unit (PSU) to the socket labelled 'DC 9V 300mA' on the Receiver.

4.



Connect the Power Supply Unit (PSU) to an available mains socket.

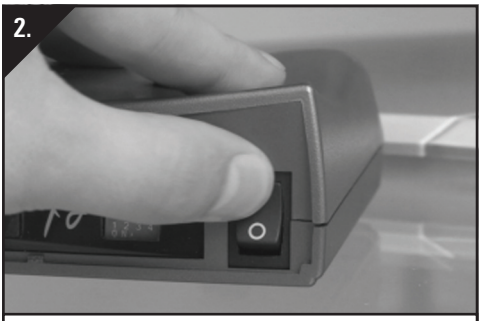
Using your DigiSender®
Standard Operation

The steps below should be followed every time you use the DigiSender®.

1.

Switch on the source equipment (Satellite, Freeview, DVD, VCR, etc.).

2.



Turn on the Transmitter and Receiver by pushing the Power button on the front of the units. The Power button will light up blue to indicate the unit is switched on. *Alternatively press the Power button on the DigiSender® Remote Control.*

3.

On the receiving TV, select the SCART channel assigned to the SCART socket that you plugged the DG200 Receiver in to. This may be labelled as SCART, AUX, AV, VIDEO, VCR or ⇐.

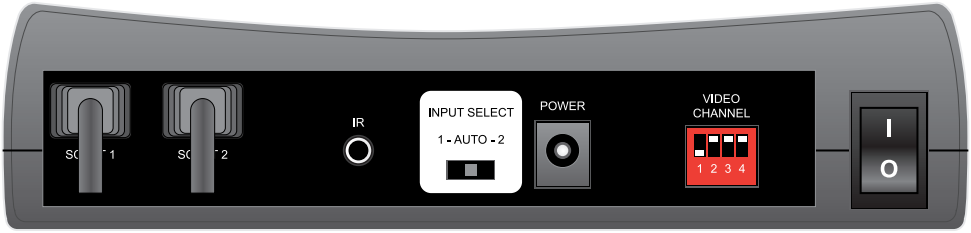
Using your DigiSender®
DigiSender® Functions

Selecting the Input

To select Input 1 (the device attached to DigiConnector™ 1) move the Input Select Switch to '1'.

To select Input 2 (the device attached to DigiConnector™ 2) move the Input Select Switch to '2'.

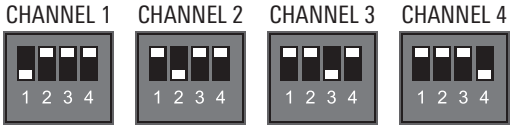
Alternatively you can set the Input Select Switch to 'AUTO'.



Changing the Audio/Video Channel

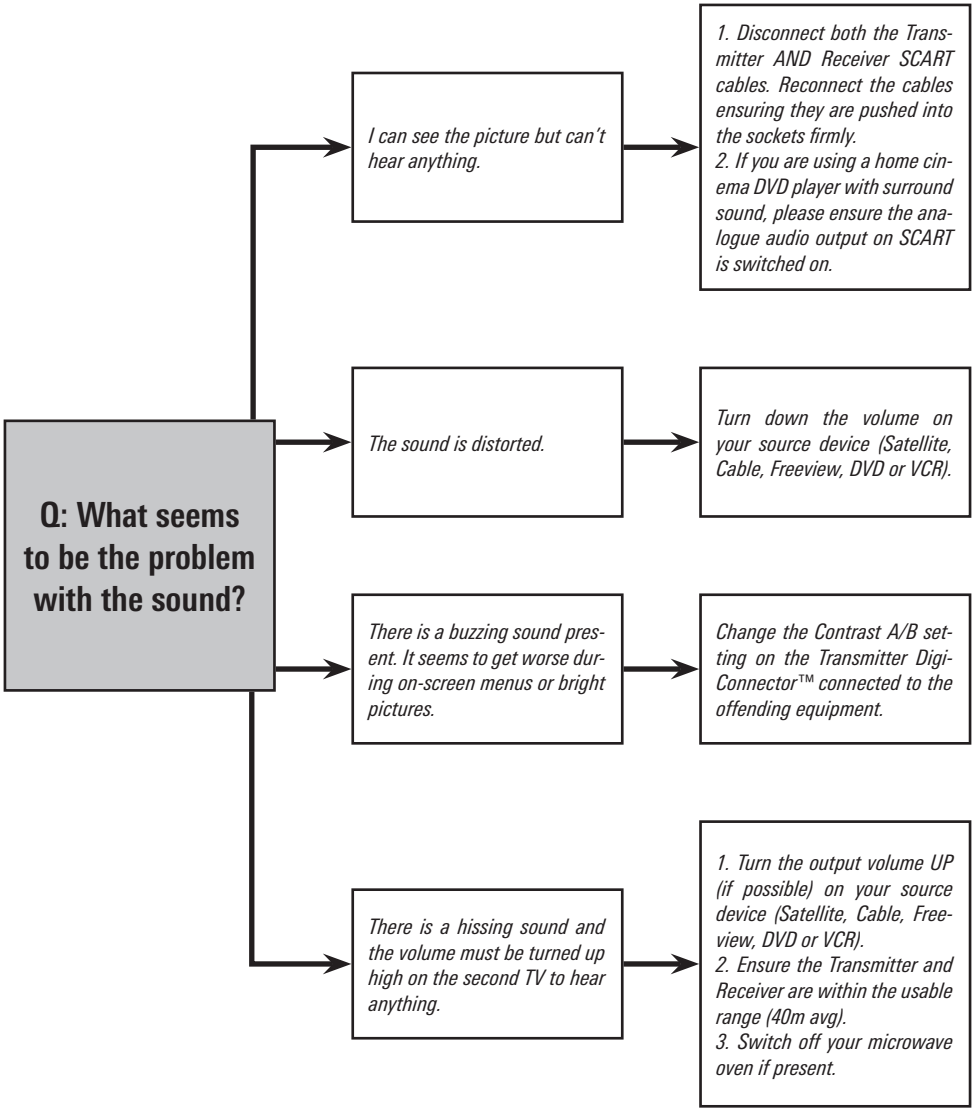
The DigiSender® X2 features 4 Audio/Video Channels. Each of these Audio/Video Channels slightly changes the frequency on which the DigiSender® X2 operates. Because the Audio/Video Channel switch allows you to 'fine tune' the frequency on which your DigiSender® X2 operates, it is possible to overcome most interference and reception troubles that may occur.

To change the Audio/Video Channel on your DigiSender® X2, simply change the position of the Audio/Video Channels to 1, 2, 3 or 4 as shown below.



For your DigiSender® X2 to function correctly it is very important that the Audio/Video Channel settings are the same on both the Transmitter and Receiver.

Troubleshooting
Audio Problems



Troubleshooting

Video Problems

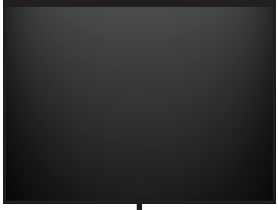
What do you see on the second TV?

The picture is present but poor quality...

POOR RANGE

1. The picture & sound quality is affected by the Transmitter and Receiver's location. Try positioning them in different locations. The Transmitter and Receiver should be connected to a mains extension lead that can be moved.
2. Try the other 3 available Audio/Video channels ensuring that the Audio/Video Channel setting is the same on both the Transmitter and Receiver.
3. Ensure the units are within the usable range, normally this would be 40m when passing through 2 average internal walls. Thicker or stone/granite walls may lower the usable range of this device.

I see a black screen...



Switch OFF your DigiSender® TRANSMITTER. What do you now see on the second TV?

I still see a black screen...

WRONG AV CHANNEL SELECTED

1. Switch the Transmitter back on.
2. Ensure the correct SCART channel is selected on your second television. Some televisions feature multiple AV channels for one or more SCART, phono and S-Video inputs.
3. If available try another SCART socket on the second television.

I now see a snowstorm or blue screen...

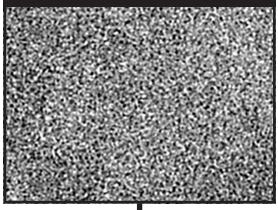
RECEIVING BLANK SIGNAL

1. Switch the Transmitter on.
2. Ensure the Transmitter is connected to your source device (such as your Satellite, Cable, Freeview, DVD or VCR).
3. Ensure that your source device is switched on.
4. Use the supplied DigiSender® Remote Control to select the correct Input. This can be done at either the Transmitter or Receiver.

Troubleshooting
Video Problems

What do you see on the second TV?

I see a snowstorm or blue screen...



I see lines over the picture...

Switch OFF your DigiSender® RECEIVER. What do you now see on the second TV?

I now see a black screen...

NOT RECEIVING SIGNAL

1. Switch the DigiSender® Receiver back on.
2. Ensure the DigiSender® Transmitter is switched on.
3. Try the other 3 available Audio/Video channels ensuring that the Audio/Video Channel is set the same on both the Transmitter and Receiver.

I still see a snowstorm or blue screen...

WRONG TV CHANNEL SELECTED

This indicates that the correct SCART Channel has NOT been selected on the second television. Look for buttons on this televisions remote control which could select the AV Channel such as EXT, AV, VIDEO, VCR, AUX, Channel 0 AND ⇄.

INTERFERENCE

This indicates one or more electrical devices are interfering with the DigiSender®. Make sure the Transmitter and Receiver are not directly on top of other electrical devices. Try all 4 Audio/Video Channels on your DigiSender® as one or more may still be available. Visit digisender.net or contact our helpline for information on configuring your equipment to work together.

Troubleshooting
Remote Relay Problems

If you have any difficulty operating your source equipment remote control in your second room please follow the advice below below:

1. Ensure the IR Emitter is connected to the socket labelled 'IR' on the Transmitter.

2. Ensure you are using the correct remote control in the second room. For instance, if you are trying to control your Satellite box you will need to use the Satellite remote control.

3. Ensure the IR Emitter is facing the IR sensor on your source equipment.

4. Move the IR Emitter further away from the source equipment.

5. Move the Transmitter AND Receiver further away from other electrical devices.

6. Try operating your source remote control closer to the Receiver.

7. Replace the batteries in your source remote control.

Troubleshooting
Technical Support & Accessories

Technical Support

AEI Security & Communications Ltd is dedicated to providing our customers with first class customer care and technical support.

1. Website
Free technical advice is available online 24/7 at our dedicated support web site: ***www.aei.eu***

2. Online Videos
Watch online Installation and Troubleshooting Video Guides at: ***www.aei.eu/video***

3. Live Chat
Chat to one of our technical advisors live. See website for details.

4. Telephone
We have a dedicated helpline, open Monday to Friday, 8.30am - 4pm. ***Call 02071 931 413***.

Accessories

If you wish to transmit your source to more than 1 room, this can be achieved by using the additional receiver below.

To purchase visit us online at: ***www.easylife.com*** or call us on: ***02071 931 413***.

DG20RX - DigiSender X2 Additional Receiver

- Get your Satellite channels to additional TV's in your home!
- Add as many Receivers as you require to your DigiSender® system
- Requires existing DigiSender® X2 Transmitter

Notes

Notes

Notes

DECLARATION OF CONFORMITY
01022007/01/DG-DV-DX

We,

AEI Security & Communications Ltd.

Weslake Industrial Park, Harbour Road, Rye, East Sussex, TN31 7TE, United Kingdom

declare under our sole responsibility that the products bearing the series code prefixed:

DGx, DVx, DXx *(x refers to the specific model number)*

are in conformity with the essential requirements of Directive 1995/5/EC. These products have been tested against the following standards and specifications:

Low Voltage Directive

EN60950:2000	*Safety of information technology equipment.*

Electromagnetic Compatibility Directive

EN 301 489-3 V1.3.1: 11-2001	*Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 KHz and 40 GHz.*
EN 301 489-1 V1.3.1: 09-2001	*Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.*

Radio Spectrum

EN 300 440-1 V1.3.1: 09-2001	*Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Part 1: Technical characteristics and test methods.*

Power Supply

EN55022: 2003	*Information technology equipment. Radio disturbance characteristics. Limits and methods of measurement.*
EN55024: 2003	*Information technology equipment. Immunity characteristics. Limits and methods of measurement.*
IEC 61000-3-2: 2001	*Electromagnetic Compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current <= 16 A per phase).*
IEC 61000-3-3: 2001	*Electromagnetic Compatibility (EMC) - Part 3-3: Limits - Limitations of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, equipment with rated current <= 16 A per phase and not subject to conditional connection.*

The product is marked with the CE marking and Notified Body Number according to directive 1999/5/EC.

Original Document of Conformity has been signed.

SPECIFICATIONS

Transmitter Input	2x DigiConnector™ SCART
Receiver Outputs	1x SCART, 1x Composite
Audio/Video Frequency	2.4000GHz ~ 2.4835GHz
Remote Control Compatiblity	RC5, RC6
Video Input Level	1V Peak-Peak 75Ω
Video Input Colour	PAL (Phase Alternate Line)
Audio Input Level	1.0v PP (Mod 1KHz, Dev 15KHz)
Audio Bandwidth	20Hz - 22KHz (-3dB)
Range	100m (Free-Air), 40m (Nominal)
Power	9V DC, 300mA
Dimensions	L: 100mm, W: 170mm, H: 40mm
Weight	0.38kg

CW250711-1

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