

Stealth

Hi-Fi Stereo Video Sender System

310-3080

Fitting Instructions

INCORPORATES

FM Hi-Fi Stereo
Audio System

ISO9002BOM REF: STEALTH MAN VER 2.0

Technical Specifications

Transmitter:

Frequency:
Channel Frequency

2.4Ghz ~ 2.4835Ghz	
Channel 1	2.414 Ghz
Channel 2	2.432 Ghz
Channel 3	2.450 Ghz
Channel 4	2.468 Ghz

Rear Switches
1 On only*
2 On only
3 On only
4 On only

Modulation

Video Input Level
Colour Video Input
Audio Input Level
Input Connectors
Power Source

FM
1v P-P/75Ω

Phase Alternate Line

1.0v P-P (Mod 1KHz, Dev 15kHz)

RCA / Phono

DC12v 250mA

* Factory default

Receiver:

Frequency:

Modulation

Video Input Level

Sensitivity

Audio Output Level

Output Connectors

Power Source

2.4Ghz ~ 2.4835Ghz

FM

1v P-P/75Ω

-80dBm

1.0v P-P (Mod 1KHz, Dev 15kHz)

Euro Scart

DC12v 350mA Typical

Rear switches must be set same as Transmitter

Approvals:

ETS-300-683, EN50081-1, EN50082-1
ETS-300-220, IETS-300-440
BS-415, EN55014

Antenna System:

Omni-directional Dipole

System Range:

Up to 100 meters free air space
Up to 30 meters in-building (through walls)

Remote Automation

by AEI Security Limited

Unit D Sherwood Industrial Park, Ickleham, East Sussex TN36 4BA United Kingdom

HELPLINE 01424 814555

Printed in the U.K.

Welcome!

By making the decision to purchase the Stealth 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 video equipment.

Approved!

The Stealth system complies with BS415 for system safety, plus 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 Stealth system is able to provide stunning picture quality on any domestic television fitted with a scart connector. In addition, the VS-200 system 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 Stealth Video Sender has been designed as a system that requires no specialist knowledge or tools to install.

Introduction

The model number is clearly marked on the packaging. Models VS100 & VS200 include a Stealth receiver and transmitter marked on the back of each unit.

The Stealth receiver must be connected to the Receiving Equipment i.e. Television or hi-fi system where you intend to view and/or listen to the received signals.

The transmitter must be connected to the Source Equipment such as a VCR, Satellite Receiver, Digital TV Receiver, Security camera or hi-fi System.

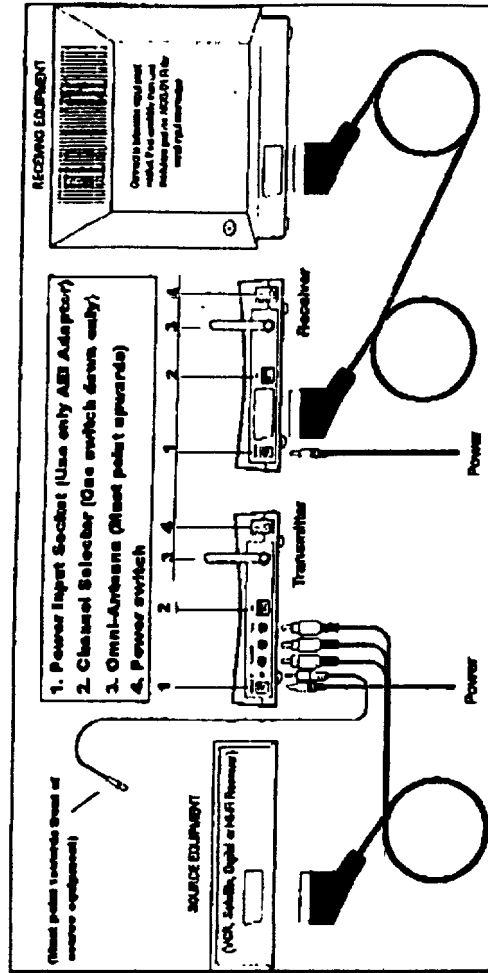
If the source equipment does not have a scart socket you may need to purchase a different lead set. Check to see if Video and Audio outputs are available from the equipment. If you do not have a scart socket on your television you must use the optional modulator which will allow you to connect to the aerial input connector.

The system provides exceptionally high quality pictures and audio sound making the system particularly suitable for digital TV and Satellite TV programs. The remote relay function will allow the receiver to send remote control signals back to the source location. As an example, this means that you can watch satellite TV whilst upstairs in bed, point the satellite remote control to the Stealth receiver in your bedroom and the satellite receiver (positioned downstairs) will respond just as though the satellite receiver was in your bedroom.

Signals transmit through walls and ceilings and can cover a 4 bedroom detached house adequately.

Please read this manual fully prior to installation.

Connection Diagram



Operating

1. Connect the power supplies and all leads as shown.
2. Switch on the Transmitter and the Receiver on the rear of each unit. This will be confirmed with a red light on the front display.

Note:

For VS-200 users the remote control relay signals are emitted from the front of the Stealth transmitter. Alternatively, the optional LED extender can be used if required, to ensure the signal is emitted towards the front of the source equipment.

Expanding The System

If you have televisions in other rooms of your home then it is possible to buy optional receivers to receive the signals.

Order Codes: VS-10-RX (Receiver only with Power supply and connection lead)
 VS-10-TX (Transmitter only used for CCTV applications)
 VS-20-RX (As per VS-10RX but with remote relay function)
 MOD-01-PI Optional Modulator for connection to TV aerial input socket

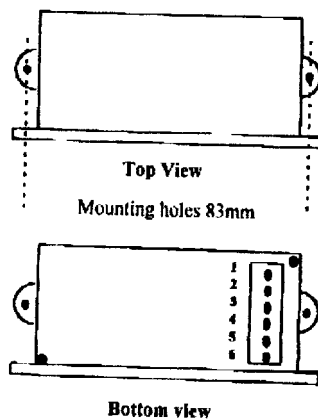
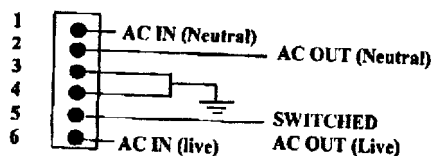
306-2788

**WIRELESS REMOTE CONTROL
MAINS MODULE***"Give your home the remote touch!"***PRIOR TO OPERATION**

- Before the remote control will operate you must remove the plastic tab protruding from the rear cover. Battery is pre-fitted
- No internal setting up is required.
- It is capable of switching 240 volts AC up to 5 amps via a single pole relay. Designers must refer to relay markings

FEATURES

- Radio remote control operates through walls and ceilings up to 25 meters
- Operates from any mains product up to 5 amps max.
- No setting up required
- Factory pre-set site code
- 16 bit transmission code
- Emissions compliant with EN55022:1996
- Immunity compliance with IEC 802-1 & EN50082-1
- DTI licence exempt. Certified to MPT1340

Remote Switching Module**CONNECTIONS****WARNING**

Operation with the cover removed can result in electric shock. Installation must be undertaken by qualified electricians only. No user serviceable parts inside. Operation of 2 or more units with-in a 50cm area may result in greatly reduced range. This product must be mounted with in a suitable housing. It is the responsibility of the designer to ensure that all safety issues are adhered to in regards to compliance with the Low Voltage Directive. This product does not provide voltage free contacts.

**AEI
Security**

UNIT D SHERWOOD IND. PARK ICKLESHAM EAST SUSSEX TN36 4BA
HELPLINE 01424 814555

Models
RM-001-418



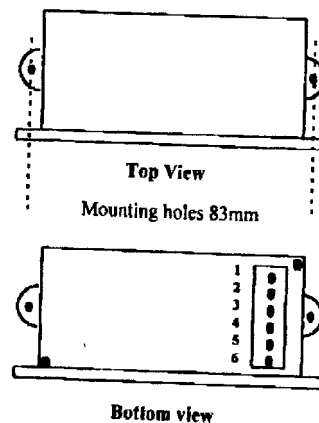
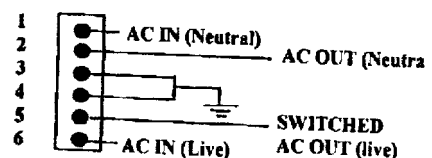
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