

AV07782
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AV07782



Wireless Transmitter/Receiver System

OWNER'S MANUAL

PLEASE READ BEFORE USE



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Important safety precautions

- Though the SuperWand uses advanced wireless technology, it can cause radio interference and is subject to interference from external radio sources. Avoid using this device in sensitive areas such as a hospital (see note below).
- The SuperWand is for use inside your home. To prevent the risk of electrical fire or shock, do not expose this device to rain or moisture. Do not use near any area where the SuperWand could come into contact with moisture or water.
- To avoid electrical shock, do not open this device. There are no user serviceable parts inside. Opening the device will invalidate the warranty. Refer to qualified repair personnel only.
- Only use the power supplies included with the SuperWand.
- Always be aware of electrical safety: never overload a mains socket or extension with too many devices drawing too much current. Doing so increases the risk of fire and electrical shocks.

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules, or B21 and CE EMC directive. These limits are designed to provide reasonable protection against harmful interference for home use. The SuperWand generates, uses and can radiate radio frequency energy. If not configured and used in accordance with the instructions, it may cause harmful interference to radio communications. There is no guarantee that interference will not occur. If harmful interference to radio or television reception occurs, try to correct the interference by one or more of the following measures:

- Adjust the receiving antenna or move SuperWand receiver to a different location.
- Increase the separation between the equipment and receiver.
- Consult the original dealer or an experienced radio/TV technician for help.

A. Contents of SuperWand package

Before using your new SuperWand system, please ensure that all of the items shown as below are included in the packaging. If an item is missing, please contact the original dealer as soon as possible.



X1

SuperWand transmitter



X1

SuperWand receiver



X2

Power adaptors
230VAC to 9VDC, 400mA
DC in Jack (---+)



X2

Scart connector cables
Scart to Scart AV cables
one for SuperWand transmitter
one for SuperWand receiver



X1

3-way infra-red extender
Connects to back of SuperWand transmitter

This Owner's Manual you are reading now

B. Introducing the SuperWand

This SuperWand is a wireless audio/video sender that uses advanced wireless communication technology to deliver consistently sharp audio and video up to 100 meters away. By transmitting at the 2.4GHz frequency, the SuperWand avoids the crowded 900MHz band used by many mobile phones and other wireless audio/video transmitters. It's superior quality is due to wide-band FM rather than AM signal modulation. Polarized high-gain directional antennas are used to minimize interference from unwanted signals and maximize the signal range.

The SuperWand features an integrated UHF remote control signal extender to allow you to control the audio or video source from another room whilst using your existing remote controller.

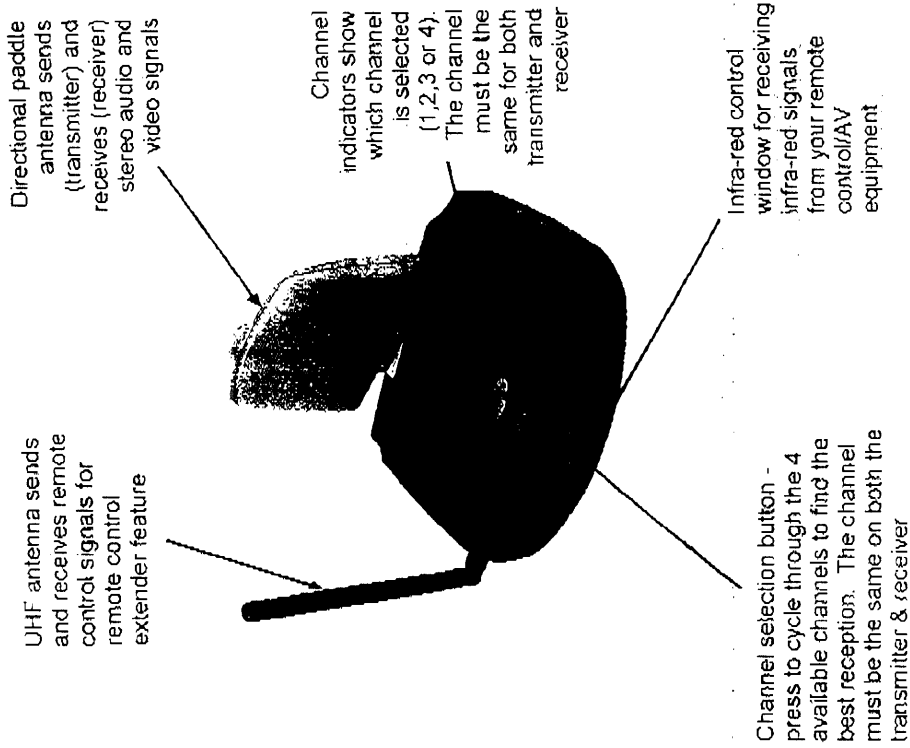
Without the need for cumbersome connecting cables between equipment, the SuperWand makes it more convenient to use your existing home AV equipment and can be used to increase home security.

- Watch and control VCR/DVD playback on a TV upstairs whilst it is playing on your VCR/DVD player downstairs
- Watch and control Satellite/Cable TV on a TV in one room even though the Satellite/Cable box is in another room
- Watch the same VCR/DVD/satellite/cable film or programme on multiple TVs around your home using only one video source (requires additional receivers)
- Watch computer images on another TV in your home (requires composite PC video card)
- Monitor your sleeping baby, playing children, the elderly or infirm on any TV in the home using your existing camcorder.
- See and record who is outside your door on TV using your existing camcorder

D. Controls & Features

Familiarise yourself with the controls and connections of the SuperWand system to get the very best performance.

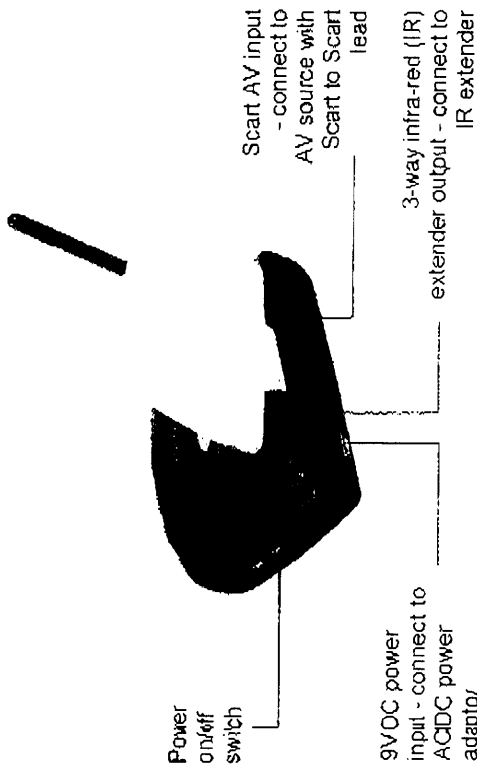
SuperWand transmitter & receiver - front view



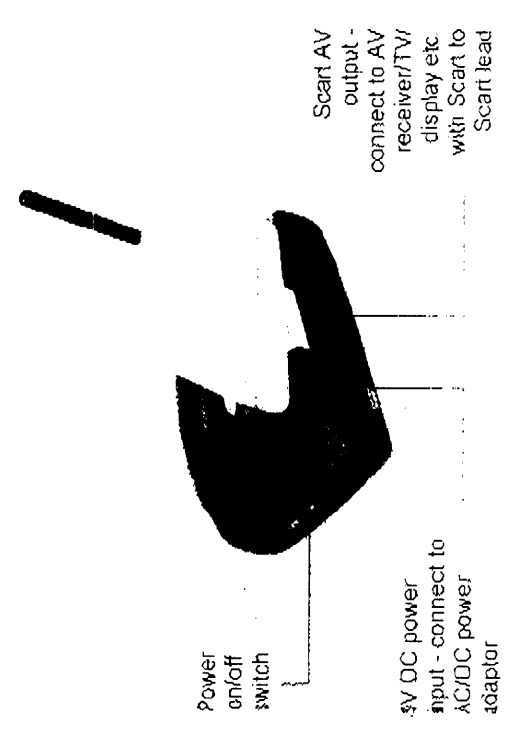
C. Tips on using the SuperWand

- Ensure that both the SuperWand transmitter and receiver are correctly connected to your equipment - the source equipment has to be connected to the SuperWand transmitter and the receiving equipment (e.g. TV) to the SuperWand receiver. Do not connect the SuperWand transmitter directly to the SuperWand receiver.
- When switching on either the SuperWand transmitter or receiver, there will be a momentary delay before the device activates.
- The antennas on both the transmitter and receiver can be rotated through 180°. Adjust both antennas to get the best signal quality (see section D - Controls & Features)
- When using the SuperWand transmitter to send signals to more than one SuperWand receiver, select a different channel for each receiver to minimise possible interference.
- Avoid using a microwave oven nearby the SuperWand system as it can interfere with the signal being transmitted
- When using a remote control with the SuperWand receiver, you should aim the remote control to the infra-red control window rather than the equipment the receiver is connected to. For example, if watching a VCR on your TV upstairs, control the VCR by aiming the remote at the SuperWand receiver, not the TV (see section D - Controls & Features)
- Only use a soft, dry cloth to clean the SuperWand system. Never use soap, water, solvents, cleaning fluids or abrasive cleaners.

SuperWand transmitter rear view

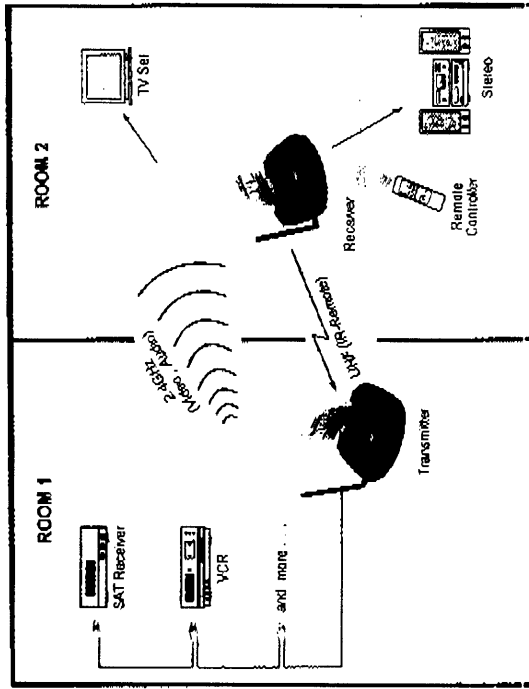


SuperWand receiver rear view



E. Setting up the SuperWand - transmitting audio & video

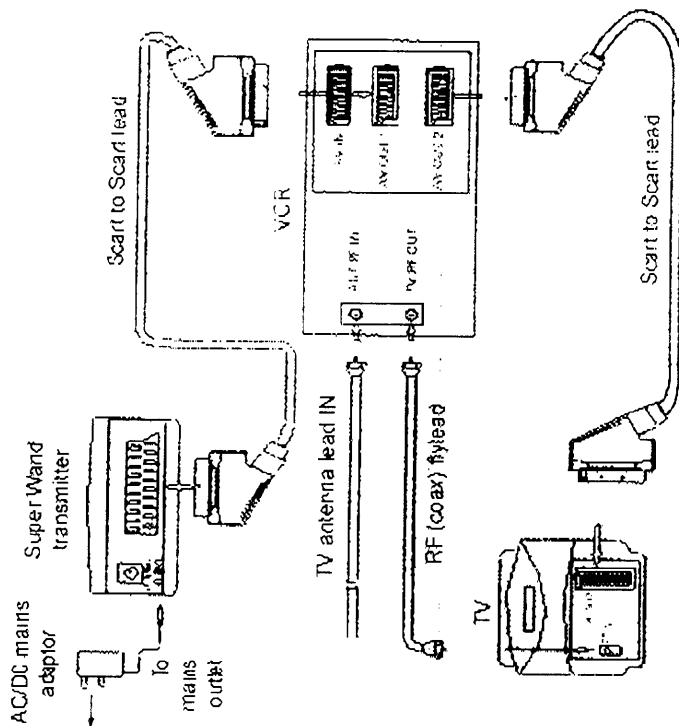
The SuperWand works by connecting your source AV equipment (e.g. a VCR, DVD player, Satellite Receiver, Cable Box, camcorder, Hi-Fi etc.) to the SuperWand transmitter. The transmitter then sends the sound and/or picture to the SuperWand receiver in a different location. The SuperWand receiver is connected to a TV or display - whatever equipment is appropriate the type of signal being received.



Ensure that both the AV source equipment and the SuperWand are turned OFF before making any connections

E1. Transmitting Audio/Video from your VCR

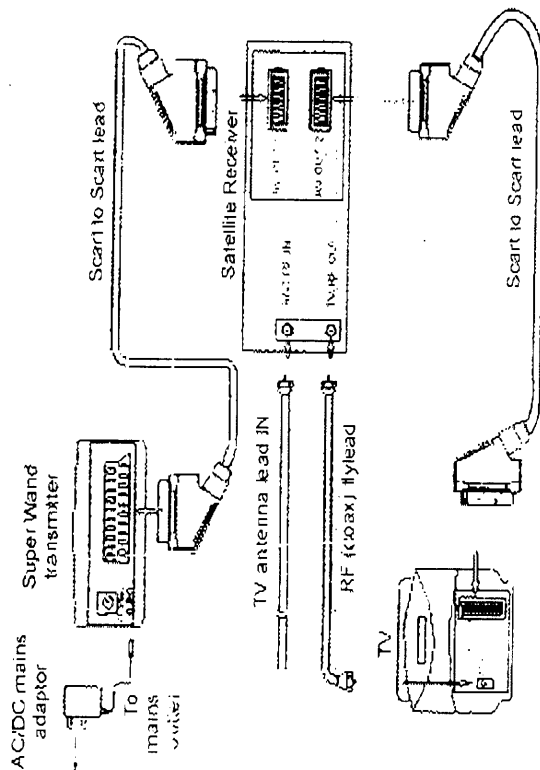
- Connect one end of the Scart to Scart lead to the Scart socket at the rear of the SuperWand transmitter.
- Connect the other end of the Scart lead to your VCR's AV OUT Scart socket.
- Connect the cord of AC/DC power adaptor to the 9V DC input at the rear of the SuperWand transmitter. Plug the AC/DC power adaptor into a mains socket. (Only use the power adaptor supplied)
- As well as transmitting audio/video, you can still watch your VCR on a TV next to your VCR player. If your VCR has two AV Scart outputs, connect one end of a Scart lead* to the VCR's second AV output, then connect the other end to the adjacent TV's AV Scart input. Alternatively, using a RF (coax) flylead* connect the TV/RF OUT coax socket of your VCR to the antenna (ANT) socket of your TV.



E2. Transmitting Audio/Video from your Satellite or DVD

You can transmit audio & video from your satellite receiver or DVD player by connecting it directly to your SuperWand transmitter, or by connecting your equipment to your VCR and then to the SuperWand transmitter (if your TV does not have a Scart socket for example). To connect directly:

- Connect one end of the Scart to Scart lead to the Scart socket at the rear of the SuperWand transmitter.
- Connect the other end of the Scart lead to the AV OUT Scart socket of either your satellite receiver or DVD player.
- Connect the cord of AC/DC power adaptor to the 9V DC input at the rear of the SuperWand transmitter. Plug the AC/DC power adaptor into a mains socket. (Only use the power adaptor supplied).
- As well as transmitting audio/video, you can still watch satellite on a TV next to your receiver. (This is not possible with most DVD players as they typically have only one Scart AV output.) If your satellite only has one AV Scart output, use a RF (coax) flylead* to connect the TV/RF OUT coax socket of your receiver to the antenna (ANT) socket of your TV. Otherwise, use a Scart to Scart lead* to connect to your TV using the receiver's second AV OUT Scart socket.



F. Setting up the SuperWand - receiving audio & video

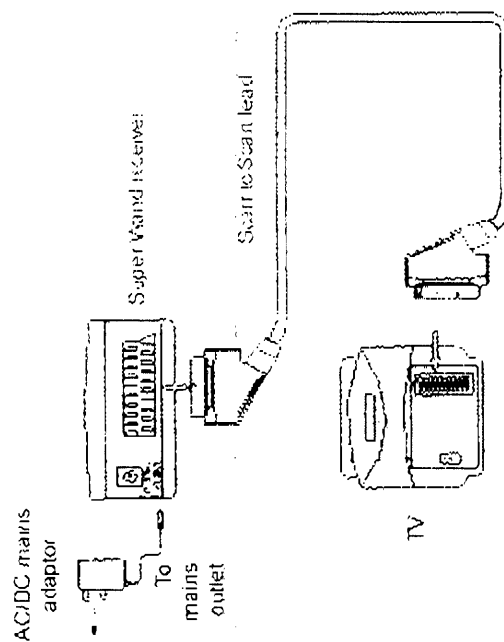
Once you have connected your source AV equipment (e.g. a VCR, DVD player, Satellite Receiver, Cable Box, camcorder, Hi-Fi etc.) to the SuperWand transmitter, you must next connect the SuperWand receiver to your TV, display or powered speakers - whatever equipment is appropriate to the type of signal being received if you are connecting to a TV, there are two different ways of making a connection.

1. Connecting the SuperWand receiver directly to your TV
2. Connecting the SuperWand receiver to your TV via a VCR (if your TV does not have a Scart socket for example)

If your TV has a picture-in-picture facility, you can view the received video signal as a small inset picture on your TV whilst watching other TV programmes. Refer to your TV instruction manual for details.

F1. Receiving Audio/Video directly on your TV

- Connect one end of the Scart to Scart lead to the Scart socket at the rear of the SuperWand receiver.
- Connect the other end of the Scart lead to the AV IN Scart socket at the back of your TV.
- Connect the cord of AC/DC power adaptor to the 9V DC input at the rear of the SuperWand transmitter. Plug the AC/DC power adaptor into a mains socket (only use the power adaptor supplied)



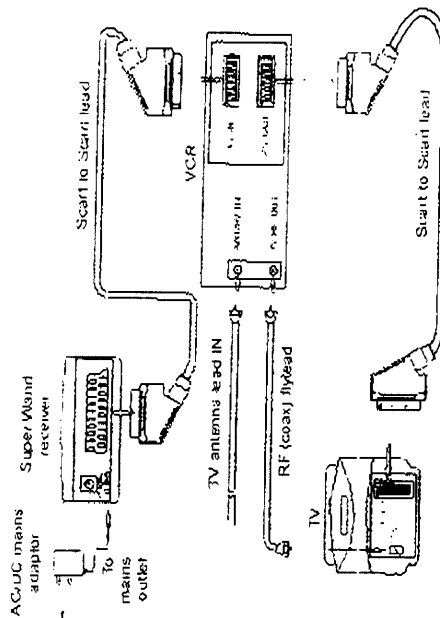
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F2. Receiving Audio/Video via your VCR

Connecting your SuperWand receiver to your TV via a VCR allows you to record the transmitted audio/video signal at the same as watching it or another TV programme. It also allows you to use the SuperWand system if your TV is not Scart-equipped by connecting via your TV's RF (coax) socket.

- Connect one end of the Scart to Scart lead to the Scart socket at the rear of the SuperWand receiver.
- Connect the other end of the Scart lead to your VCR's AV IN Scart socket.
- If your TV has a Scart socket, connect one end of a Scart lead* to the VCR's AV output, then connect the other end to your TV's AV Scart input.
- If your TV does not have a Scart socket, use a RF (coax) flylead* to connect the TV/RF OUT coax socket of your VCR to the antenna (ANT) socket of your TV.
- Connect the cord of AC/DC power adaptor to the 9V DC input at the rear of the SuperWand transmitter. Plug the AC/DC power adaptor into a mains socket (Only use the power adaptor supplied).

*Items sold separately



G. Getting the best reception from your SuperWand

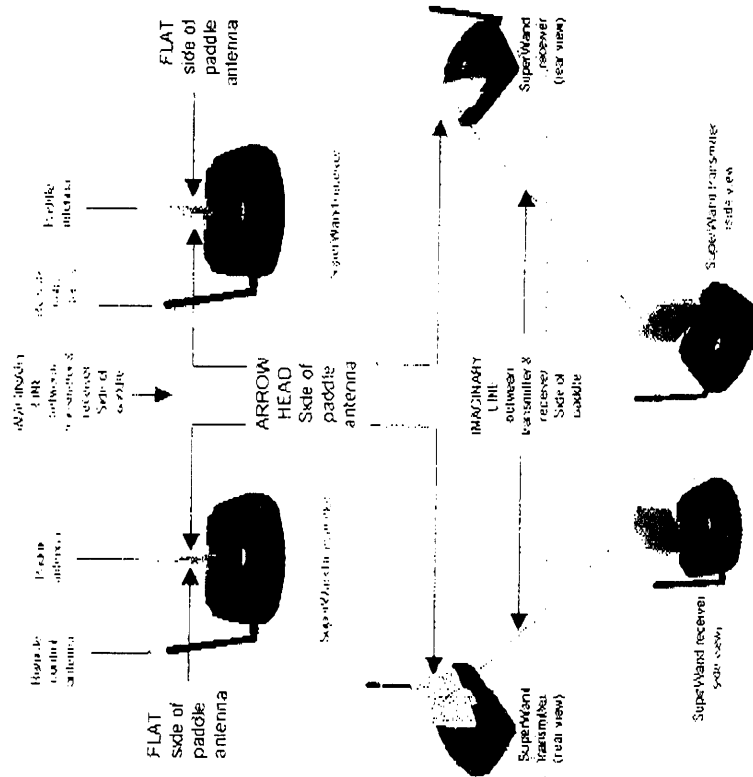
To get the best audio/video quality from the SuperWand system, the paddle antennas on the both the SuperWand transmitter & receiver need to be correctly aligned. To maximize the transmission range, have as few objects as possible between the transmitter and receiver (particularly electrical, radio and magnetic sources).

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Aligning the paddle antennas

To get the best quality sound and picture reception the paddle antennas on both the SuperWand transmitter & receiver must be correctly aligned. Both antennas have been designed to rotate and pivot in almost any direction so you can find the optimum antenna direction for each unit.

- Ensure that both units are on a flat, stable surface
- Imagine that there is a straight line between the transmitter & receiver units, regardless of where they are in your home
- Align the antenna of each unit so that the side with the arrow head shape faces the direction of the other unit. See examples below
- If the distance between the transmitter & receiver is less than 10 feet, best performance is normally achieved by keeping both antennas closed flat against the units



H. Remote Control Extender feature

In addition to transmitting audio/video signals, the SuperWand system can also allow you to operate and control your AV equipment from a remote location without the need for connecting cables. The remote control extender feature converts the infra-red sent by your normal remote control handset into a RF signal, which then is transmitted to your equipment via the SuperWand receiver/transmitter and (optional) infra-red eye signal extender*.

There are two ways of using the feature

Using the remote control extender without the infra-red eyes

- Place the SuperWand transmitter directly in front of the AV equipment you are transmitting from.
- Align the SuperWand transmitter with your AV equipment's infra-red window (where you would normally aim your remote control towards to operate the unit)

Using the remote control extender with the infra-red eyes

- The infra-red eye signal extender allows you to control up to three different pieces of AV equipment from the SuperWand transmitter and does not mean that the transmitter has to be placed directly in front of your equipment.
- Plug the infra-red eye signal extender into the 2.5mm socket at the rear of the SuperWand transmitter (see D: Controls & Features)
- Align each infra-red eye so that it faces the infra-red window of each piece of AV equipment that you wish to control (where you would normally aim your remote control towards to operate the unit)

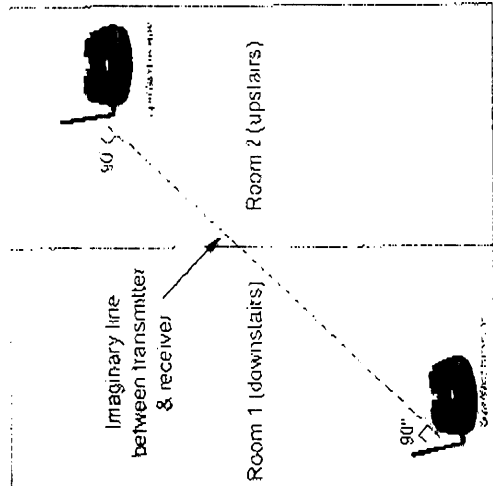
Controlling your equipment from the remote location

- Use the normal remote control for your AV equipment.
- In the location where your SuperWand receiver is connected to your TV/display equipment/Hi-Fi/etc, aim the remote control towards the infra-red control window of the SuperWand receiver (see D: Controls & Features).

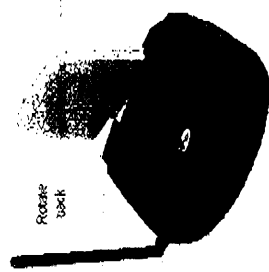
* Please note: the SuperWand can extend the infra-red signals of the vast majority of AV equipment. However, some equipment uses IR signal frequencies or codings that are out of the SuperWand's operating range. If in doubt please contact our Customer CareLine for help and advice. Though the SuperWand can control up to 3 different AV devices, it can only be connected to one piece of AV equipment at any one time, unless a Scart switching box such as the Philex AV Hub+ is used. Contact your Philex dealer for more details.

Aligning the remote control antennas

- To get the best performance from the remote control extend the SuperWand's remote control antennas must be correctly aligned
- In most cases best performance is achieved by angling each antenna at 90 degrees to the imaginary line between the transmitter & receiver
- To find the best position rotate the antenna forward and back but keeping the antenna at a right angle to the imaginary line



Rotate antenna if you are unsure. Inquire NYC



I. Choosing the right channel

The SuperWand uses the 2.4GHz frequency to transmit audio and video signals. You can vary this frequency slightly using the CHANNEL SELECTOR switch on the SuperWand transmitter & receiver (see D: Controls & Features)

There are 4 different channels to choose from - pressing the selector switch cycles between each channel.



An LED indicator shows which channel is in use on the transmitter/receiver.

This allows you to:

- Choose a channel with minimal interference. Most home electrical equipment generates electrical and/or radio fields that can disrupt signal transmission.
- Choose different SuperWand transmitters* for use with your SuperWand receiver. Each SuperWand transmitter can be allocated on a different channel and connected to a different piece of AV equipment, but all can be received using one SuperWand receiver.

The SuperWand receiver must always be set to the same channel as the SuperWand transmitter you wish to view or listen to.

J. Troubleshooting & Support

We want you to be completely satisfied with your SuperWand system. If you experience any difficulties, refer to the trouble shooting guide opposite and ensure that you have read all of the instructions. If this does not resolve your problem, you can contact our Customer Care Team for guidance and help.

PHILEX ELECTRONICS
 Customer CareLine
08457 573 479
(Mon-Fri 9am-6pm. UK local rate number)
 E-mail technical@philex.com
 Web <http://technical.philex.com>