

LED Configuration

Green LED configuration

Green LED - Power on

Red LED -Short Circuit Protection

If the Red LED comes on remove the output coaxial cables one by one until the Red LED goes out. Replace leads one by one, if the Red LED light comes on, there is a short circuit between the central conductor and the braiding on this coaxial cable. Check the wiring of the connectors/connections on both ends of the cable to see if there is a strand of braid touching the central conductor. If so, rewire the connection so that the braid is well clear of the central conductor and retry procedure.

Amber LED - Surge and Spike Protection

When the Amber light comes on the SLX logo back light will go out. This indicates that there has been a power surge or spike, this will return to normal and will require no action by yourself. After the power surge or spike has passed the Amber light will go out and the SLX gold logo will be lit again. This feature ensures that you have that extra protection and piece of mind.

TECHNICAL SPECIFICATIONS

Inputs	2	2	2	2
Outputs	2	4	6	8
Frequency range UHF MHz	470 - 862	470 - 862	470 - 862	470 - 862
Frequency range VHF MHz	47 - 300	47 - 300	47 - 300	47 - 300
Max output level	94dBµV	90dBµV	87dBµV	87dBµV
Gain per split	12dB	8dB	8dB	8dB
Noise	<4dB	<4dB	<4dB	<4dB
Isolation loss	22dB	22dB	22dB	22dB
Weight	440g	517g	740g	750g
Dimensions (w x d x h) mm	172x75x46	207x75x46	285x85x50	285x85x50

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Troubleshooting

If you are still experiencing reception problems after installing the SLxG, please refer to the troubleshooting guide below:

No picture or sound

No signal is reaching your television due to a possible break in the aerial signal path. Ensure that all equipment has been switched on (including the SLxG amplifier) and that all coaxial connectors have been fitted correctly.

Snowy picture

Your signal strength is still too weak. Ensure that your aerial is positioned correctly (pointing at your local TV transmitter). For details of your local television transmitters, visit www.bbc.co.uk/reception. Ageing aerials become corroded by the weather, which may need to be replaced. Also check that the position of the aerial has not been mis-aligned by weather, birds, or loft activity.

'Herringbone' pattern

'Herringboning' is generally caused by too strong signal or possibly by local high power transmitters such as CB, amateur or taxi radios. Your TV sound may be affected as well as the picture. Use a signal attenuator (available from your local

electrical retailer) to reduce the gain of your aerial signal and improve your picture. If you are located very close to your local television transmitter, point your aerial at an alternative transmitter in order to receive a more suitable level signal.

Problems with DTT

Unlike analogue terrestrial television, it is not possible to view DTT channel under weak signal strength conditions. Therefore, typically you will either receive DTT channels with a clear picture and sound or you will not receive any channels at all.

Sometimes, an insufficient digital signal can cause occasional blocking, freezing or complete loss of picture. Some roof aerials may not be suitable for digital terrestrial television. Ensure that you have fitted a suitable wideband, high gain aerial to help improve signal quality to a suitable level for clear DTT reception.

Blocking, freezing or complete loss of picture can also occur when a digital signal is too strong.

If your signal is too strong then connect your DTT receiver directly to the UHF aerial download, then connect the SLxG amplifier to your DTT receiver output followed by

your remaining equipment. If the signal is still too strong, fit a signal attenuator between the aerial download and DTT receiver to help reduce the signal strength.

For specific help with digital terrestrial television reception problems, visit www.dtg.org.uk

Problems with satellite television

If you are experiencing any problems with your satellite television picture, check that all cables and connectors have been fitted correctly. If the problem persists it is probably due to the dish alignment or a temporary problem with the channel transmissions. Please contact your local satellite dealer if the problem persists.

Technical Support

If you are experiencing problems setting up your SLxG amplifier, or have any questions regarding this product or any other product within the Philex range, please call the Philex Customer Care Line on **08457 573 479** (UK only). Calls are charged at local rate. Mobile call charges may vary, please contact your network provider for details.

Alternatively, please visit our technical website at <http://technical.philex.com>

Customer Care Line

If you are experiencing problems using the SLxG amplifier, please contact our customer care line on **08457 573 479**, email technical@philex.com or visit <http://technical.philex.com>

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



SLxG AERIAL AMPLIFIERS

USER GUIDE

Philex Customer Careline **08457 573479**

Introduction

Special features include:

- Unlike standard boosters SLx Gold's flat gain response across full frequency spectrum ensures optimum digital reception
- Dedicated inputs for UHF and FM/DAB
- Side mounted terminals provide easy cable management
- Infra-red by-pass for digilinks
- Surge protection
- Full VHF compatibility for TV and FM/DAB including Ireland

The SLxG range of aerial amplifiers from Philex is designed to improve picture and sound quality by amplifying weak UHF, VHF, DAB and FM radio signals and distributing the signal to multiple locations around the home. The SLxG range can also be used to distribute VCR, Digital Television and Sky™/ Sky+™ signals around the home without loss of signal strength.

All SLxG amplifiers have an **integrated by-pass** designed to allow the user to control digital satellite receivers from a second TV without additional equipment apart from a Link device and a digital

satellite or compatible universal remote control.

Designed with style, sophistication and quality in mind, the SLxG range is the preferred choice for both the professional aerial installer and the home user wanting to get the very best performance from their AV equipment.

We have integrated the very latest in digital-ready signal amplification technology, the very best in UK-designed product styling and highest levels of safety to produce a class-leading product.



Web Site: <http://technical.philex.com>

Email: technical@philex.com

Installing the SLxG Amplifier

METHOD 1

TV SIGNAL DISTRIBUTION

1. Connect your UHF aerial download to the **IN UHF** socket and connect your FM aerial download (if applicable) to the **IN FM** socket on the SLxG.
2. Connect your TVs and FM tuners to any of the SLxG **TV** sockets in any combination.

METHOD 2

TV/VCR DISTRIBUTION

1. Connect your UHF aerial download (typically via an aerial wall socket) to the aerial input on your VCR and connect your FM aerial download (if applicable) to the **IN FM** socket on the SLxG.
2. Connect an aerial fly-lead from the aerial output on your VCR to the **IN UHF** input on the SLxG.
3. Connect your TVs and FM tuners to any of the SLxG **TV** sockets in any combination.

Once connected, you can tune each television to traditional terrestrial channels and a channel for VCR viewing.

If you want to connect independent VCRs in each location, connect using METHOD 1 but connect the amplifier **TV** output/s to your VCR/s, then connect your VCR/s to your television/s.

METHOD 3

TV/VCR/SATELLITE DISTRIBUTION

1. Connect your UHF aerial download to the aerial input on your VCR and connect your FM aerial download (if applicable) to the **IN FM** socket on the SLxG.
2. Connect an aerial fly-lead from the aerial output on the VCR to the aerial input on the satellite receiver.
3. Connect an aerial fly-lead from the RF2 output on the satellite receiver to the **ANT** input on the amplifier.
4. Connect your TVs and FM tuners to any of the SLxG **TV** sockets in any combination.

Once connected, you can tune each television to traditional terrestrial channels, a channel for VCR viewing and a channel for satellite viewing.

Note. Only one satellite channel can be viewed at any one time without the use of additional satellite receivers and subscriptions.

Note. It may be necessary to retune your VCR when used with a satellite receiver. Please consult your VCR owners manual for details.

Note. For FM connection see **SET UP 1**.

Note. To operate your digital satellite receiver from one of the connected TVs you will now need to install a Link device such as the SLx Link.

METHOD 4

TV/VCR/DTT (Digital Terrestrial Television) DISTRIBUTION

1. Connect your UHF aerial download to the aerial input on the DTT receiver and connect your FM aerial download (if applicable) to the **IN FM** socket on the SLxG.
2. Connect an aerial fly-lead from the aerial output on your DTT receiver to the aerial input on your VCR.
3. Connect an aerial fly-lead from the aerial output on your VCR to the **IN UHF** input on the SLxG.
4. Connect your TVs and FM tuners to any of the SLxG **TV** sockets in any combination.

Once connected, you can tune each television to traditional terrestrial channels, a channel for VCR viewing and a channel for DTT viewing.

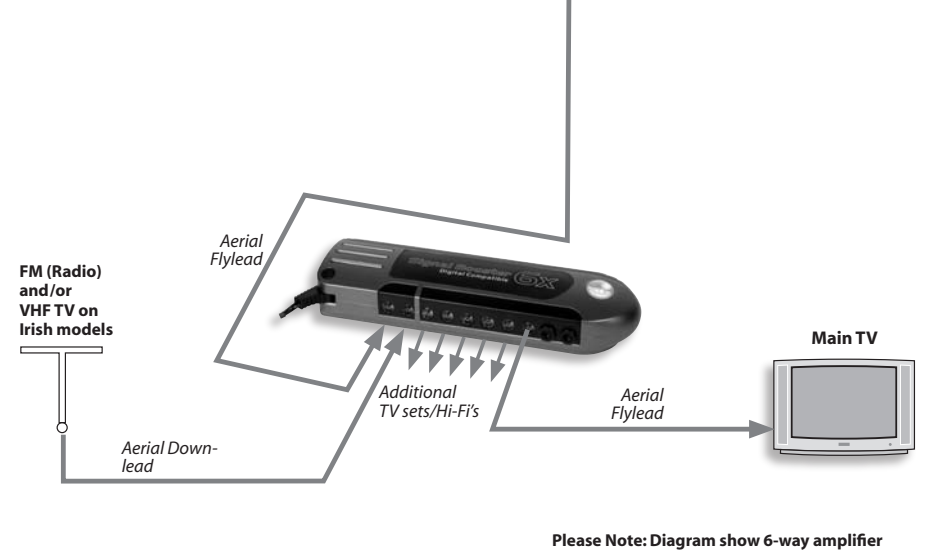
Note. Only one DTT channel can be viewed at any one time without the use of additional DTT receivers.

If you are receiving poor DTT reception then connect the SLxG before your DTT receiver to help boost the signal strength. In most cases, poor DTT reception can only be cured by acquiring a suitable aerial (see troubleshooting) or waiting until DTT coverage improves in your area.

Note. Aerial flyleads are not supplied.

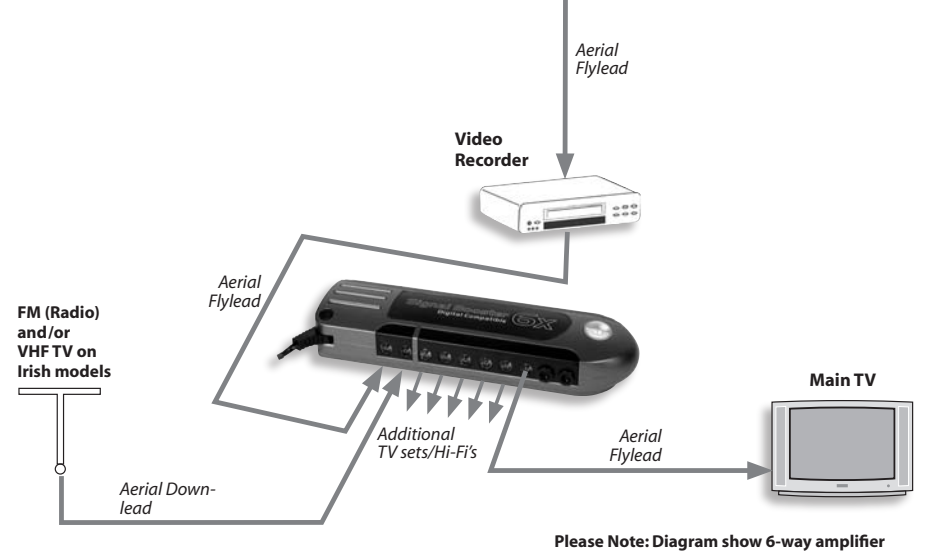
METHOD 1

TV SIGNAL DISTRIBUTION



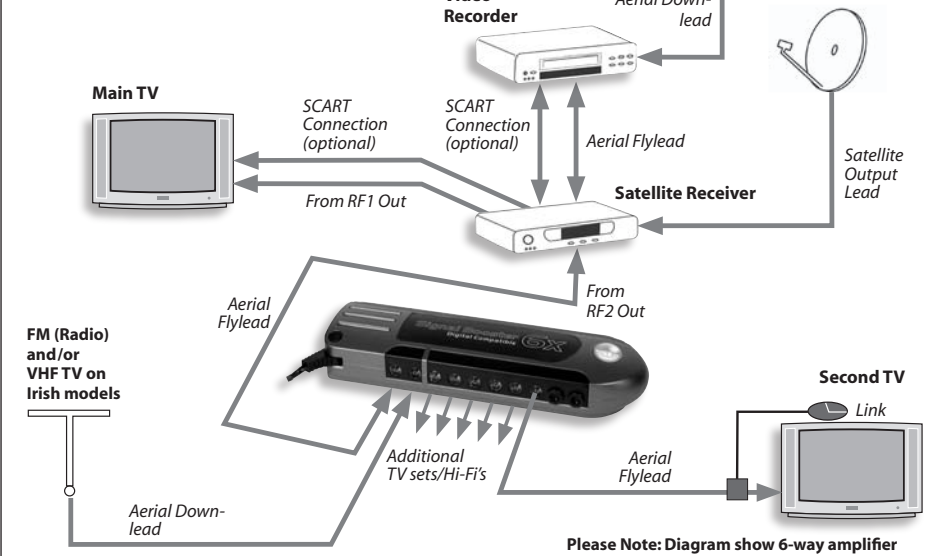
METHOD 2

TV/VCR DISTRIBUTION



METHOD 3

TV/VCR/SATELLITE DISTRIBUTION



METHOD 4

TV/VCR/DTT DISTRIBUTION

