

## Introduction

### *Special features include:*

- Unlike standard amplifiers SLx Gold's flat gain response across full frequency spectrum ensures optimum digital reception
- 4G Ready - built-in filter removes interference and channel loss caused by 4G mobile phone signals
- Dedicated inputs for UHF and FM/DAB
- Side mounted terminals provide easy cable management
- Infra-red by-pass for digilinks
- Surge protection
- F Sockets for tighter more reliable connections

The SLx Gold 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 Digital Television and Sky™/ Sky+™ Sky+HD™ 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 remote 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 SLx Gold 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 the highest levels of safety to produce a class-leading product.

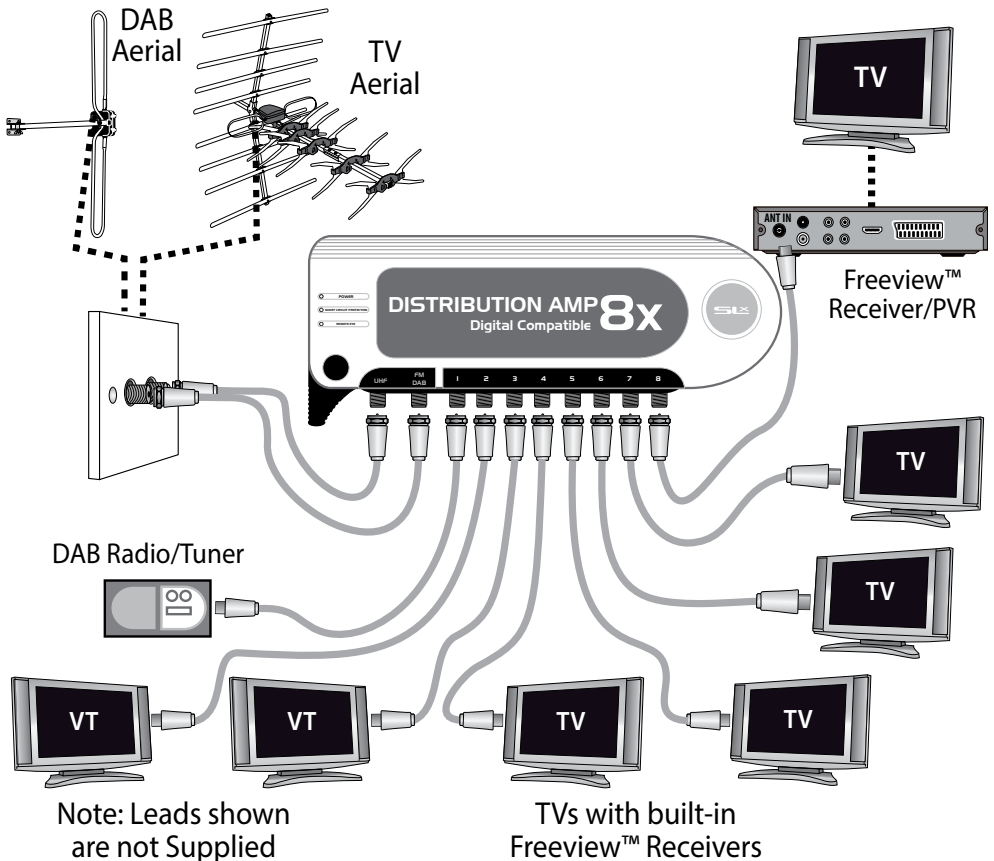


# Installing your amplifier

## Aerial signal distribution

1. Connect your UHF aerial downlead to the **IN UHF** socket and connect your FM/DAB aerial downlead (if applicable) to the **IN FM** socket on the amplifier.
2. Connect your TVs and FM tuners to any of the

SLxG **TV** sockets in any combination.  
If your TV does not have a built-in Freeview™ receiver you will need to connect your TV to the amplifier via a Freeview™ set top box.



# Signal distribution from a Satellite Receiver

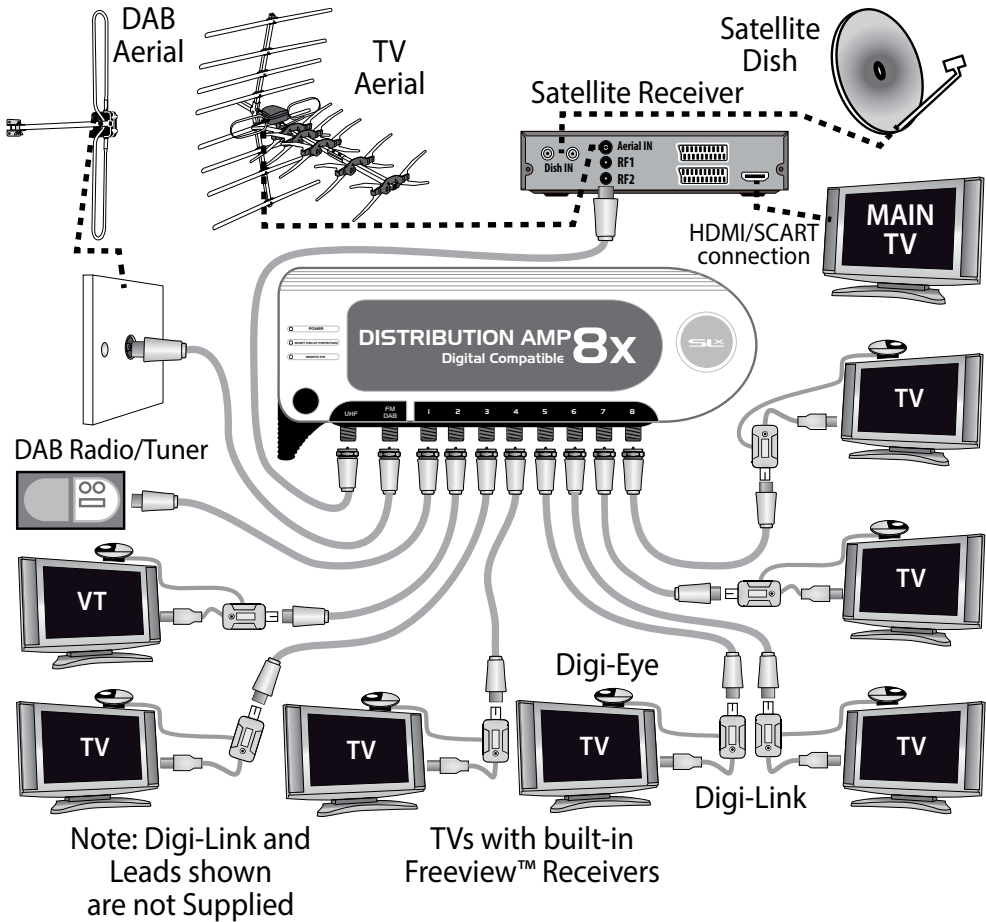
**Please Note:** To receive output from the satellite RF2 output you will need a TV with an analogue tuner.

1. Connect your UHF aerial download to the aerial input on your Satellite 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 RF2 output on the Satellite Receiver to the **ANT** input on the amplifier.
  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 digital terrestrial channels\* 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.* 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.

*Note.* To view digital terrestrial channels an aerial must be connected to the Aerial IN socket on the satellite. Also connected TVs must have a built-in Freeview™ receiver or be connected to the amplifier via a Freeview™ set top box.



# LED Configuration

## Green LED configuration

Green LED - Power on

## 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.

## 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.

# Specifications

Inputs	Outputs	UHF Freq.	VHF Freq.	Max output	Gain per port	Noise	Isolation Loss	Weight	Dim. mm
2	8	470-790MHz	30-300MHz	90dB $\mu$ V	10dB (UHF)	<4dB	20dB	820g	285 x 95 x 50

# Troubleshooting

*If you are experience reception problems after installing the SLxG, please see 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.

### Problems with Digital TV Reception

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.

A weak digital signal can cause occasional blocking, freezing or complete loss of picture. Ensure that your

aerial is a wideband, high gain aerial suitable for DTT reception. Blocking, freezing or complete loss of picture can also occur when the signal is too strong.

If the signal is still too strong, fit a signal attenuator between the aerial downlead and DTT receiver to reduce the signal strength.

For specific help with digital TV reception problems, visit [www.dtg.org.uk](http://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 experience problems setting up your amplifier, please call the Philex Customer Care Line: **08457 573 479** - (Local Rate UK only).

Alternatively, please visit our technical website at [www.philex.com/support](http://www.philex.com/support)



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

