



27822HSG

2 Way Signal Booster USER GUIDE



Introduction

Special features include:

- 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

The SLx range of aerial boosters from Philex is designed to improve picture and sound quality by amplifying weak UHF, VHF and FM/DAB radio signals. The SLx2 can also be used to boost/distribute Digital Television and Sky™/ Sky+™ signals around the home.

Please Note: To view output from the satellite RF2 output you will need a TV with an analogue tuner. The SLx2 is not equipped with a digital bypass and is not compatible with infra red extenders/links which control Sky™ boxes from other rooms. (Bypass kits are available - sold separately).

Designed with style, sophistication and value in mind, the SLx 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.

With full instructions and wall mounting template, installing the SLx2 aerial amplifier is both quick and easy.

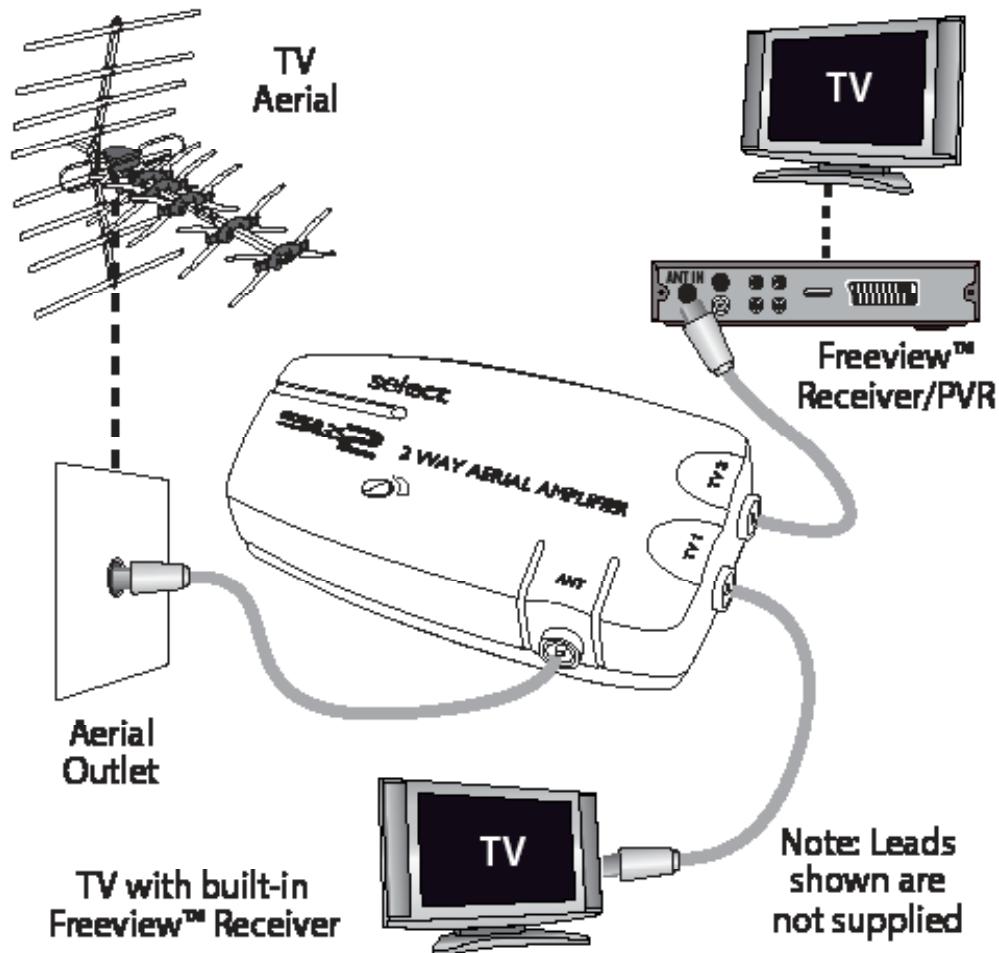


Installing your amplifier

Aerial signal distribution

You can choose to boost either TV or radio signals.

1. Connect your UHF aerial download (or your FM/DAB aerial download) to the **ANT** socket.
2. Connect your TVs (or FM tuners) to either of the SLx2 **TV1** or **TV2** 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.



Amplifier features

Short circuit protection

For added safety the SLx2 has **built-in short circuit protection**. Should a short circuit be detected, the amplifier will shut down in order to prevent any possible damage. Should this occur, all outputs will be switched off but the power LED will remain lit.

To reset the system following a short circuit, simply remove all outputs and inputs, switch off the amplifier and remove the power cable from its socket for approx 30 seconds. You should then reconnect the amplifier outputs one by one until you can find which output is causing the short circuit.

Specifications

Inputs	Outputs	UHF Freq.	VHF Freq.	Max output	Gain per port (VHF) UHF	Noise	Isolation Loss	Weight	Dim. mm
1	2	470-790MHz	47-230MHz	94dB μ V	0 -18dB	3.5dB	22dB	330g	130 x 75 x 45

Troubleshooting

If you are experiencing reception problems after installing your SLx2, 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 SLx2 amplifier) and that all coaxial connectors have been fitted correctly.

Problems with Digital TV Reception

It is not possible to view digital terrestrial channels 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 download and DTT receiver to reduce the signal strength.

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

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

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.

Please Note: To view output from the satellite RF2 output you will need a TV with an analogue tuner. The SLx2 is not equipped with a digital bypass and is not compatible with infra red extenders/links which control Sky™ boxes from other rooms. (Bypass kits are available - sold separately)



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.



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Wall Mounting Drilling Template

Prepare holes 60mm apart
for wall mounting

