1 Way Plug-In Aerial Amplifier

27840HSG USER GUIDE

4G Ready

Introduction

This SLx plug-in aerial amplifier is designed to improve picture and sound quality by amplifying weak UHF and VHF signals.

4G Ready - built-in filter removes interference and channel loss caused by 4G mobile phone signals.

These instructions cover the most common installation options. However, if you need further advice, please contact our Customer Careline (see overleaf).

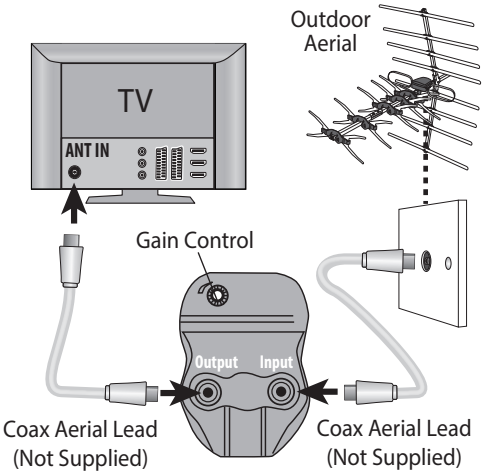
Please Note: If used to boost signals from the RF2 output on a satellite receiver you will need to fit a digital bypass you will also need a TV with an analogue tuner to view the satellite signal.

Boosting the signal to your TV

Standard installation for weak signal areas

1. Connect the UHF aerial downlead (typically via an aerial wall socket) to the **INPUT** socket of the SLx amplifier.

2. Connect an aerial flylead from the **OUTPUT** socket of the SLx amplifier to the aerial input (usually marked "ANT IN") on the back of your TV.

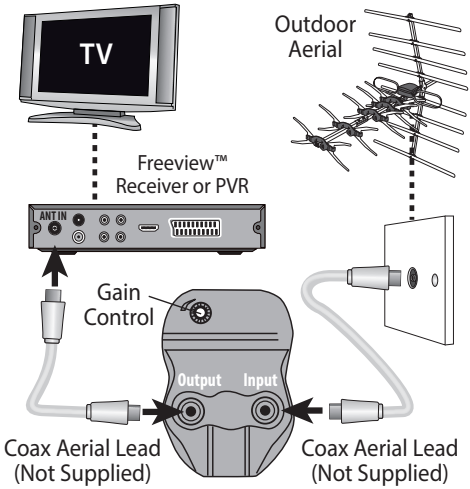


Boosting the signal to your Freeview ™ Box or PVR

Standard installation for weak signal areas

1. Connect the UHF aerial downlead (typically via an aerial wall socket) to the **INPUT** socket of the SLx amplifier.

2. Connect an aerial flylead from the **OUTPUT** socket of the SLx amplifier to the aerial input (usually marked "ANT IN") on the back of your Freeview™ receiver or PVR (digital recorder).



Once connected

Tuning your TV
Once you have made your connections has been set up switch on your equipment.
Tune the TV to terrestrial television channels and tune any other additional piece of equipment connected to begin viewing. Consult your equipment instruction manuals for tuning details.

Adjusting the gain level
The plug-in amplifier has an adjustable gain control. The gain level can be adjusted to optimise signal strength. This model can boost the signal by up to 20dB.
Please note: The maximum gain setting will not necessarily give the best picture and sound.
Adjust the gain gradually until you find the setting which gives the best results.

1. Turn anticlockwise to increase the gain level
2. Turn clockwise to decrease the gain level

Troubleshooting

Problems with Digital TV Reception
Typically you will either receive DTT (Digital Terrestrial Television) channels with a clear picture and sound or not at all.

Sometimes, a weak 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. Turn the gain level down to minimum and gradually increase the gain to find the best gain level for a good picture.

For specific help with digital terrestrial television reception problems, visit http://www.dtg.org.uk/industry/coverage.html

Intermittent Connections
Make sure that all coaxial cables are free from twists, kinks and tight bends as this may damage the inner core of the cable and result in poor picture/sound quality. If you have fitted the coaxial connector to the cable yourself please ensure that all connectors have been fitted to the cable tightly (both inner and outer), preferably soldered.

Technical Specifications

Input/Output	Freq. Range	Max. Gain	Gain control	Noise figure	Weight	Dimensions(mm)
1 In/1 Out	47-790MHz	20dB	10-20dB	<5dB	280g	72x 120 x 84

PHILEX

Technical Support
If you require further advice or information please contact:
Philex Customer Careline: 08457 573 479
(Local rate – UK only)
Technical Support: 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.