



USB Powered Compact Signal Booster

27815V
User Guide



4G & 5G
filter

Introduction

Congratulations on the purchase of your new USB Powered Ultra Compact SLx Booster. The unit fits out of sight behind your TV and requires no separate power supply unit as it is powered by one of your TV's USB ports. Simply attach it to the back of your TV using the sticky pads supplied to improve your TV signal.

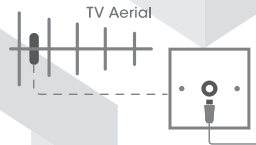
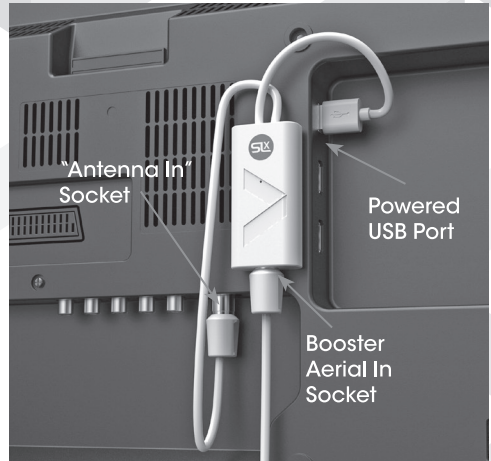
SLx Compact Boosters benefit from a number of features which assist with high quality distribution of your TV Signals around your home such as:

- Improved gain flatness to deliver a better balance across the performance range
- Lower noise figures for optimum picture and sound quality
- Greater signal handling capacity to cope with more channels
- 4G and 5G filtering to provide a typical 40dB protection from 4G and 5G mobile phone signals reducing interference
- Coaxial connections to fit the standard plugs on aerial leads

We are sure you will enjoy using your SLx amplifier, the amplifiers are easy to install and fully automatic in operation, meaning that no user adjustment is required and the low running cost permits continuous operation. If you have any queries please get in touch with our technical department at www.slxtechnology.com/support

Additional Features

All SLx aerial boosters comply with RED (The Radio Equipment Directive 2014/53/EU) This booster can also be used to amplify FM and DAB signals as well as digital TV signals.



Installation

Before installation make sure your TV is switched off. Select a location on the back of your TV within comfortable reach of both a powered USB socket and the "Antenna In" coax socket.

1. Using the sticky pads provided attach the back of the booster housing to the location selected on the back of the TV.
2. Connect the booster output lead to the "Antenna In" socket on your TV, and connect the lead from your aerial into the booster aerial in socket.
3. Plug the booster USB lead into a powered USB socket on the back of your TV and switch on your TV.

Your aerial signal strength will now be boosted by 20dB.

Please Note: Make sure the booster does not cover any vents or connector ports.

Additional Installation Advice

If there is no powered USB port available on your TV you can use a USB mains adaptor or connect to a USB port on a PC or other USB enabled device. You may need to use a USB extension lead (not supplied) to make the connection.

Your SLx Booster incorporates a Class 1 filter to reduce 4G and 5G interference and is suitable for digital TV signals Ch21-48 (470-694MHz) however if you need to receive TV on Ch60 in your area you should use one of our DigiLink SLx Boosters with IR Bypass.

General Safety Precautions

- To clean first disconnect from your TV and use a lightly dampened soft cloth. Do not use chemical solvents or strong detergents.
- Do not attempt to open the unit, there are no user serviceable parts.
- If anything goes wrong, contact our technical support or consult a qualified engineer.

Specifications

Booster	In	Out	Frequency	Suitable for	Max Gain	Typ. Noise	Power Requirement	Max Output	Typ. 4G/5G Protection
27815V	1	1	88-694MHz	FM/DAB Radio TV Ch 21-48 Freeview	20dB	<2dB	N/A	100dBµV	>40dB

Philex reserve the right to modify their designs or specifications. In the light of future developments, without prior notice. Performance figures quoted are typical and subject to normal manufacturing and service tolerances.



Standard: EN 303 354

Product Type: D Signal Distribution Amplifier

Filter Class: 1 Mitigates 4G/5G interference

Suitable for digital TV signal distribution Ch21-48 in the UK and EIRE.



Declaration of Conformity

Hereby, Philex declares that this booster/ amplifier for TV broadcast reception in domestic premises is in compliance with the Radio Equipment Directive 2014/53/EU. The full Declaration of Conformity is available by contacting the following internet address: www.philex.com/DoC

Troubleshooting

If you experience reception problems after installing your SLx booster, please see below:

No picture or sound

Is the signal reaching your TV? Check:

- Everything, including the booster is plugged in and switched on
- Coaxial connections are correctly made (no braid or foil is touching the inner core)

Picture or sound breaking up

- Use the best wideband aerial ideally fitted outdoors
- Use good quality coax cable, poorly screened cable can pick up noise
- In some cases too much signal can cause signal break-up to you can solve this by fitting an attenuator to the booster input

For specific help with digital TV reception problems, visit www.digitaluk.co.uk or www.bbc.co.uk/reception/television/freeview/reception

Technical Support

If you experience problems setting up your aerial, please visit our technical website at www.slxtechnology.com/support to send us a message or **chat live** during office hours.



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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