8 Way Aerial Amplifier F Type

27824FG

USER GUIDE

Introduction

Special features include:

- **This aerial amplifier is 4G Ready - which means it removes interference and channel loss from your TV caused by 4G mobile phone signals**
- **All connections F type**
- **Dedicated inputs for UHF and FM/DAB**
- **Side mounted terminals provide easy cable management**
- **Full output socket and line powering**

The SLx range of aerial amplifiers from Philex is designed to improve picture and sound quality by amplifying weak UHF, VHF and FM/DAB radio signals and distributing the signal to multiple locations around the home. The SLx8 can also be used to 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 SLx8 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)

The SLx8 also features a full output socket which carries a signal of the same strength as your aerial downlead. This allows the **FULL** output of the SLx8 to the input of another amplifier.

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.

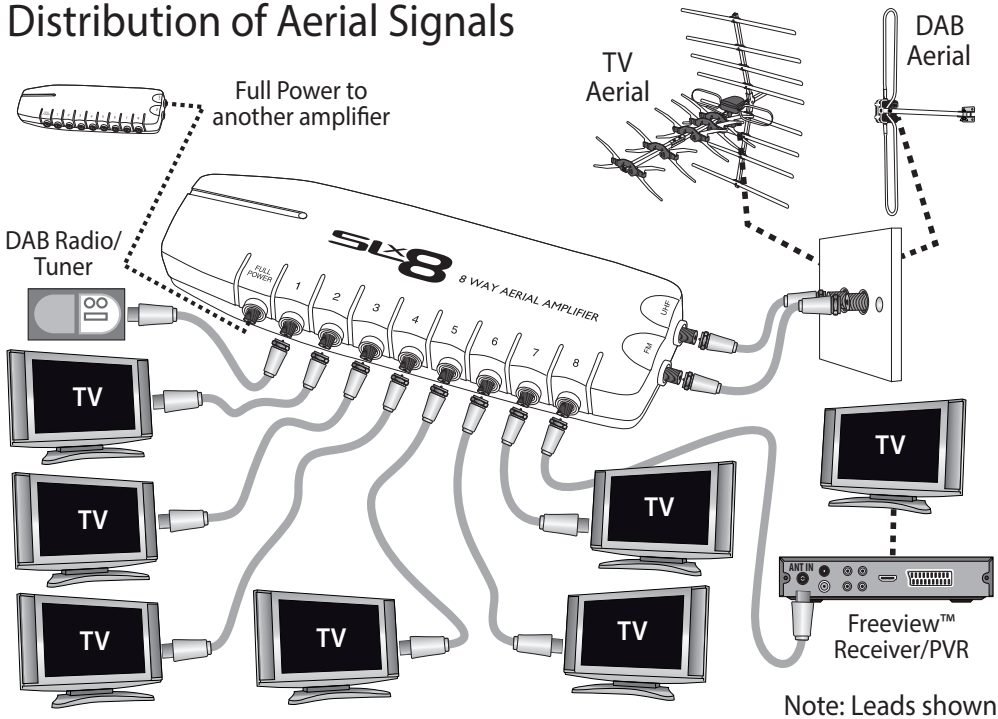
With full instructions and wall mounting template, installing the SLx8 aerial amplifier is both quick and easy.

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 SLx8 **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.

Distribution of Aerial Signals



TVs with built-in Freeview™ Receivers

Note: Leads shown are not supplied

Line Powering

The SLx8 has built-in full line powering which can be used to provide power to masthead amplifiers. When connected to a masthead amplifier, the SLx8 will send the required power out of the **IN UHF** socket up to the masthead amplifier (up to 25mA). Please see your masthead amplifier operating instructions for more details.

It is important to ensure that there is no equipment between the **IN UHF** socket and the masthead amplifier output socket in order to provide a non-interrupted 12V power supply to the masthead amplifier. When connected after any equipment, the amplifier will automatically detect that no masthead amplifier is present and so will not output 12V.

Full output socket

The SLx8 is equipped with a **FULL** output socket, which carries a signal of the same strength as your aerial downlead. If you wish to connect further televisions in your home you can connect another aerial amplifier by connecting an aerial fly-lead from the **FULL** output of the SLx8 to the input of another amplifier.

If you are not using the **FULL** output socket it is important that this output is terminated using the supplied terminator. Failure to do this can result in poor system performance.

Short circuit protection

For added safety the SLx8 has **built-in short circuit protection**. Should a short circuit be detected, the amplifier will only shut down the amplifier 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.

Troubleshooting

If you are experience reception problems after installing the SLx8, 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 SLx8 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

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.

Specifications

Inputs	Outputs	UHF Freq.	VHF Freq.	Max output	Gain per port (VHF) UHF	Full Gain	Noise	Isolation Loss	Dim. mm
2	8+1	470-790MHz	30-300MHz	83dBµV	(10dB) 12dB	18dB	≤4dB	23dB	275 x 98 x 46

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

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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 www.philex.com

Wall Mounting Drilling Template