27822BMG

2 Way Signal Booster
with digital bypass
USER GUIDE

4G Ready

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**
- **Infra-red by-pass for digilinks**

The SLxB series amplifiers are designed to improve the picture and sound quality of TV and FM/DAB radio signals and distribute these signals around your home.

All SLxB amplifiers have an **integrated by-pass** designed to allow the user to control digital satellite receivers from a second TV without additional equipment apart fron a Link device and a digital satellite or compatible universal remote control.

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

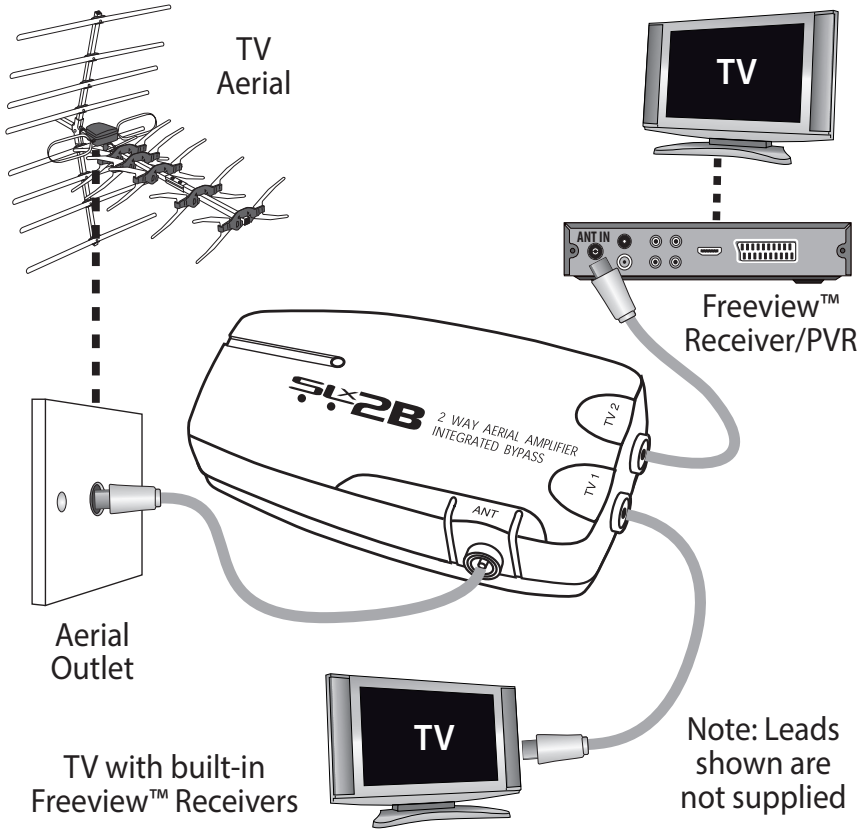
For added safety the SLxB series has built in **short circuit protection** on each individual output. Should a short circuit be detected the SLxB amplifier will only shut down the output with the short circuit; the other outputs will continue to function as normal.

The amplifiers are easy to install and fully automatic in operation, meaning that no user adjustment is required. The low running cost permits continuous operation.

Installing your amplifier

Aerial signal distribution of TV or radio signals

1. Connect your UHF aerial downlead (or your FM/DAB aerial downlead) to the **ANT** socket on your amplifier.
2. Connect your TVs or FM tuners to either of the SLxB **TV1 or TV2** sockets.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 Satelllite Receiver

Please Note:

1. When using this amplifier with a Sky Digibox, the amplifier must be fed from the RF OUT-2 socket of the Digibox. However if the RF Channel is set to 59 or above (68 is usually the default channel) you will need to reset it to a channel from 21-58 in the Digibox Setup Menu.
2. Later Digibox models such as the Sky+HD 2TB are not fitted with an RF OUT2 output and you will need an I/O converter such as the MRX600K to distribute signals from the Digibox to other TVs.
3. To view satellite RF2 output TVs require an analogue tuner.

Resetting the RF Channel on a Digibox

1. Switch on your Sky™/Sky+™/ Sky+ HD™ receiver and view on your main television.
2. Press the **SERVICES** button on your Sky™ remote.
3. Select **SYSTEM SETUP** option (**for SKY+ HD there is no SYSTEM SETUP** option **press 0 instead**).
4. Press the following buttons in sequence: **0, 1, SELECT (for SKY+ HD this is a hidden option and does not appear on screen).** You should now see the installers' menu.
5. Select the **RF CHANNEL NUMBER** option and key in a new channnel number from 21-58.
Make a note of the channel number you choose as you may need it when tuning your other TVs.

Signal distribution from a Satelllite Receiver

1. Connect your UHF aerial downlead to the aerial input on your Satellite Receiver.

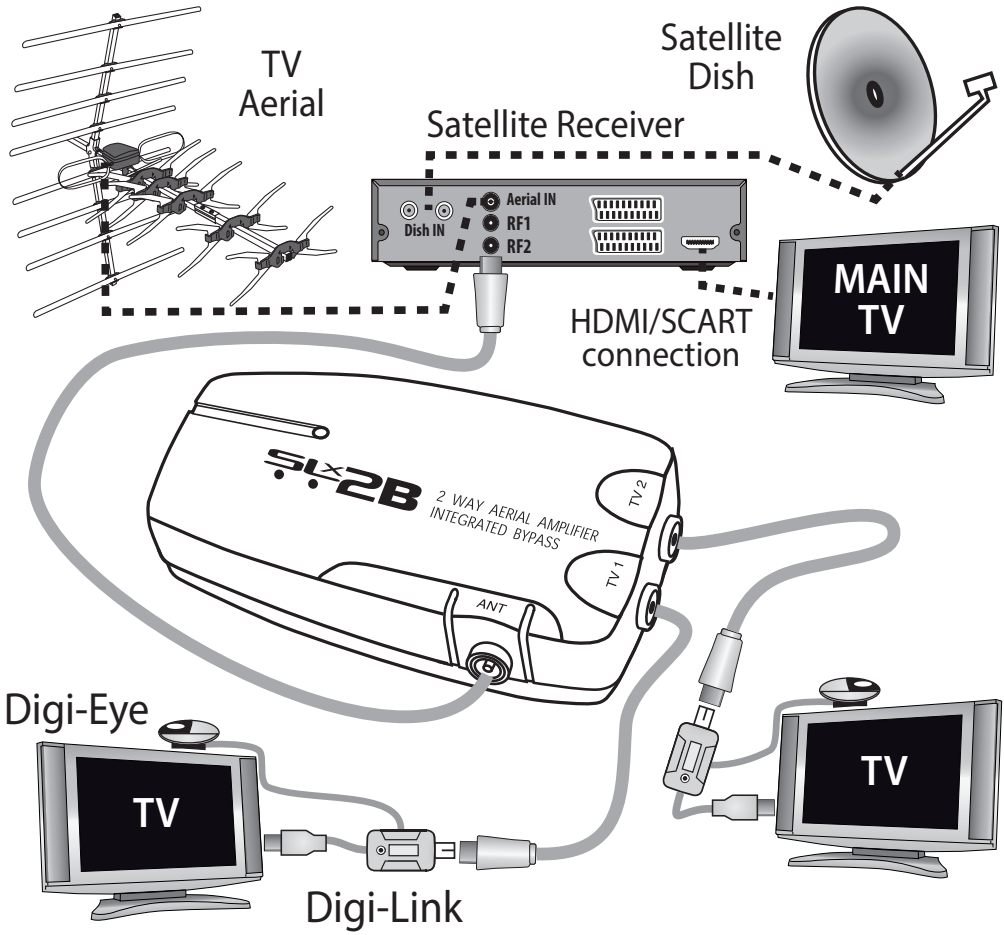
2. Connect an aerial fly-lead from the RF2 output on the Satellite Receiver to the **ANT** input on the amplifier.

3. Connect your TVs and FM tuners to any of the SLxB **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.



Specifications

Inputs	Outputs	UHF Freq.	VHF Freq.	Max output	Gain per port	Noise	Isolation Loss	Weight	Dim. mm
1	2	470-790MHz	47-230MHz	94dBµV	6dB	≤4dB	22dB	330g	130 x 75 x 45

Troubleshooting

If you are experience reception problems after installing the SLxB, 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 SLxB amplifier) and that all coaxial connectors have been fitted correctly.

Problems with Digital TV Reception

It is not possible to view digital terrestrial TV 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 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.

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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Wall Mounting Drilling Template

SLx2B

Prepare holes 60mm apart for wall mounting