

Part No.
27780R

USER GUIDE

Introduction

The SLx Outdoor Compact Digital TV Aerial is suitable for digital terrestrial television reception (also known as DVB, DTT and Freeview™) in strong signal areas and comes with a complete wall mounting kit. It has been specifically designed for use with digital television receivers and has an in-line amplifier for a better performance.

Before you go any further, please check that you are in a suitable digital signal area by visiting www.digitaluk.co.uk or www.dtg.org.uk. If you are in a weak or medium digital signal area you may require a suitable high gain outdoor TV aerial.

Product Contents:

- Outdoor amplified digital aerial
- 3m Flylead (F-Type to Coax)
- Power adaptor
- Wall bracket/stand and fittings
- Power inserter
- Rubber boot



*Operating Instructions
overleaf*

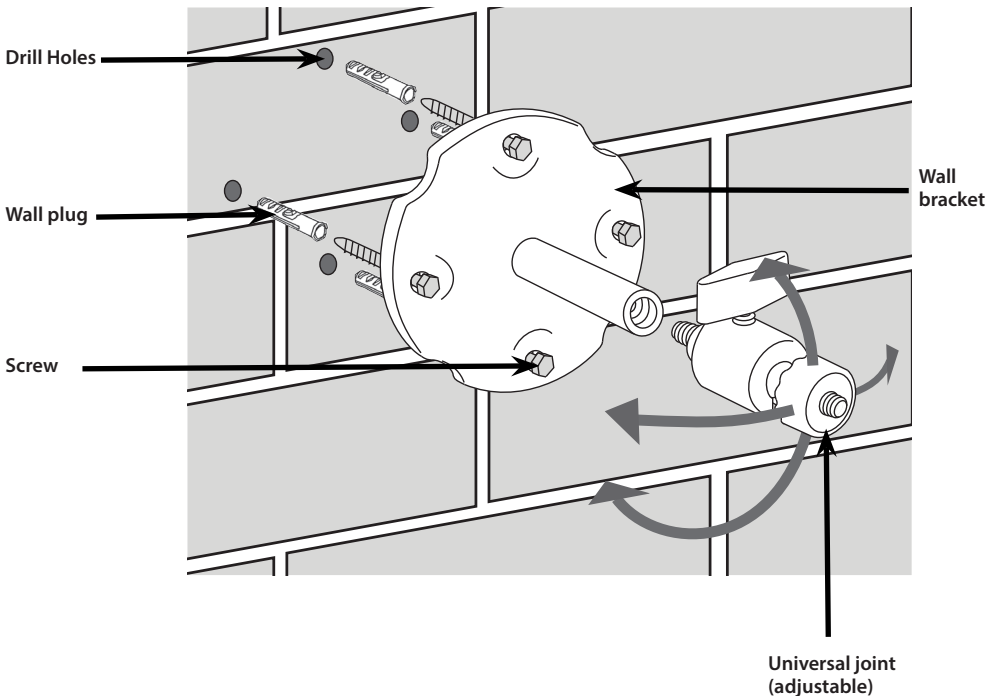
Before you permanently install the Aerial, it is advisable to check that the proposed installation location is suitable for receiving digital TV signals.

If Digital TV Stations can be received, the Aerial can be permanently installed.

To check connect the Aerial to your equipment as described opposite and hold the Aerial in the intended position, switch on and scan for Digital TV Stations on your TV/Set Top Box.

Installing the aerial wall bracket

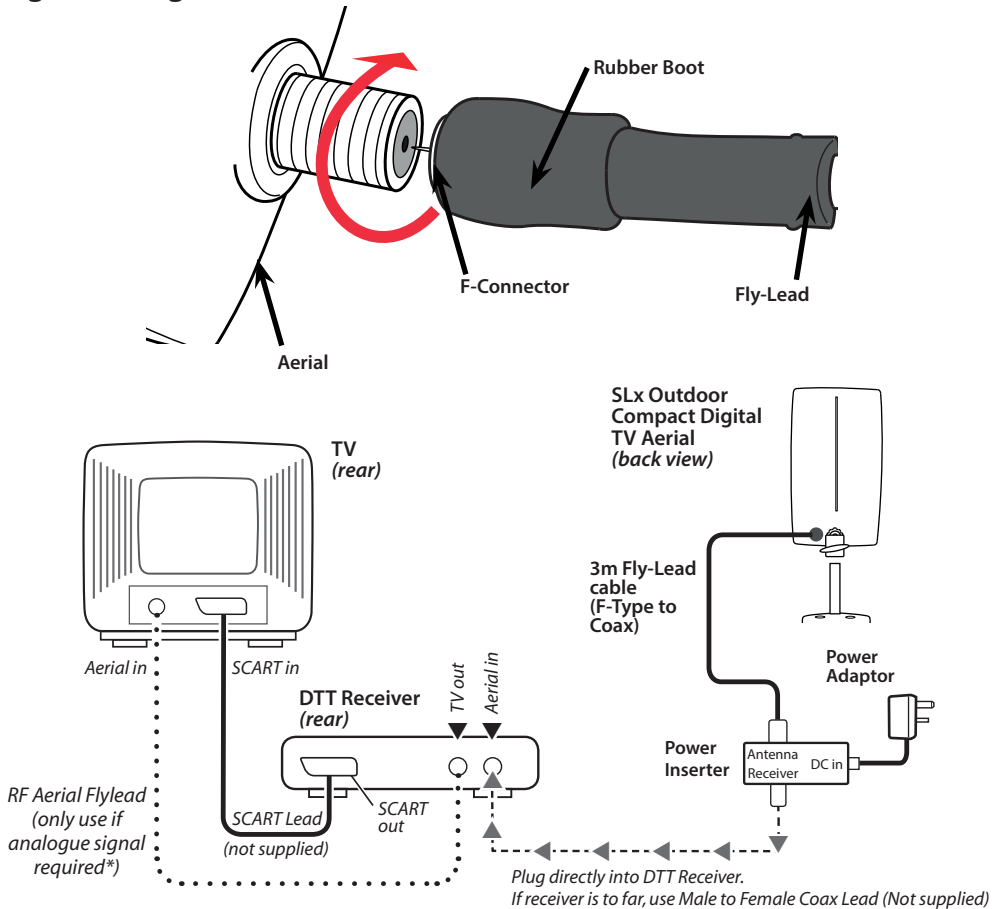
1. Hold the wall bracket up to the wall and carefully mark the positions of the centre of the four holes. When fixing to masonry walls screws and wall plugs should be fixed into bricks/stone not into mortar courses.
2. Carefully drill 4 holes using a 6mm drill bit to a depth of 30mm (or if you are using your own wall plugs, use a suitable drill size and drill to required width and depth).
3. Push the 4 wall plugs into the 4 holes.
4. Line up the 4 holes in the Aerial Stand with the 4 holes you have just drilled in the wall. Then screw each screw firmly into the lined up holes.
5. Screw the Aerial on to the Universal Joint. Then screw the Universal Joint on to the Aerial Stand.



Connecting the Aerial

1. Place the Rubber Boot over the F-Plug on the end of the supplied 3m Fly-Lead Cable. (see Fig 1.)
2. Connect the F-Plug on the end of the supplied cable to the F-Socket on the back of the Aerial.
3. Connect the Coax plug on the other end of the supplied cable into the Coax Socket marked Antenna on the Power Inserter.
4. Insert the 3.5mm Jack Plug on the Power Adaptor into the socket marked DC on the Power Inserter, then plug the Power Adaptor into a convenient Mains Socket.
5. Connect the Coax Plug marked Receiver on the Power Inserter into the Antenna Input Socket on your DTT (Freeview) Receiver. If your DTT receiver is too far away, you may need to fit a male to Female Coax Lead (not supplied) between the Receiver plug on the Power Inserter and the Antenna Input Socket on your DTT Receiver, switch on the Mains Supply.
6. Find the best reception position for the Aerial. See www.digitaluk.co.uk for reception advice for your area.
7. Switch on your TV/Set Top Box and re-scan for Digital TV Stations.
8. The Universal Joint allows the Aerial position to be adjusted. You may need to adjust the Aerial position several times and re-scan for Digital TV Stations to find the optimum position.

Fig 1. F-Plug Connection



Reception hints and troubleshooting

Problem	Cause	Action
No Picture	Poor connections.	Check all connections, make sure the power inserter is properly connected.
	No power.	Check that the power adaptor is plugged in and that the Mains supply socket is switched on.
Poor Picture or Digital signal breaking up (Pixelated)	Poor connections.	Check all connections, make sure the power inserter is properly connected.
	Aerial is not aligned to the transmitter or it is receiving a reflected signal from nearby structures.	Check www.digitaluk.co.uk for reception advice or point the aerial in the same direction as neighbouring houses
	The Aerials position has low signal levels.	If the Aerial has been loft mounted or mounted beneath guttering/eaves, try mounting in an unobstructed outside position.
	Excess cable or low grade coax cable has been used.	Make sure new digital coax cable has been used throughout and that there are no tight bends in the cabling.
	Signal level fluctuates or is seasonally reduced (Tree foliage growth in Spring/Summer).	Check that the signal is not obstructed by buildings, nearby trees or satellite dishes.
	Distorted or Lines (Cross Channel Interference) across an analogue picture, High Signal level and Low Signal Quality (Digital Bit Error Rate High).	In a strong signal area the signal strength may need to be reduced by fitting an attenuator.

TECHNICAL SPECIFICATIONS

Frequency Range	47-230MHz and 470-862MHz
Amplifier Gain	20+3dB
Power Supply	5V DC 40mA
Dimensions	160 x 200 x 40mm
Aerial & Bracket Weight	372g

Customer Care Line

For further information or any queries please contact
Technical Support: www.philex.com/support



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority for recycling advice.