27895K4/14

5G Compatible Digidome Outdoor Aerial Kit

Powerful & Compact

5G + 4G

5G & 4G filter

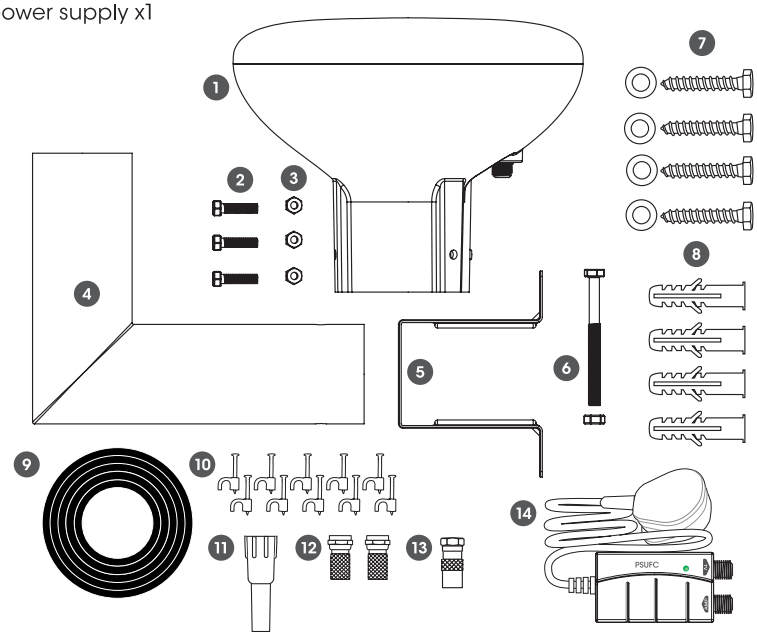
User Guide

Installation Safety Warnings

- Risk of accident can be greatly reduced by planning a project before starting.
- Before starting installation, check structure is sound and check for hidden electrical wiring or plumbing.
- When working on an installation outside, beware of overhead power lines.
- Observe safe working practices, tread carefully and ensure adequate lighting is available in lofts and roof spaces.
- Before making any connections switch electricity off at the mains.
- Always follow manufacturer's operating and safety instructions before using tools and/or equipment.
- Ladder Safety: always read and follow the manufacturer's instruction label affixed to the ladder.
- To avoid injury always route cables or wiring carefully.
- Ensure cable is correctly routed before fixing into position, taking care not to over tighten cable clips.
- This product may contain small parts-keep out of reach of children.
- After installation make regular maintenance checks for wear and tear.
- If in doubt consult a qualified electrician or professional aerial installer.
- PLEASE NOTE the following additional safety precautions for the power injector and power supply connections:
- Note that this aerial will not work at all without power.
- Do not leave the power injector (12) resting on a carpet.
- The power supply (13) and injector (12) are not waterproof and should not be exposed to dripping or splashing water.
- Objects containing liquids should not be placed on or near the power supply or injector.
- To prevent the risk of fire do not expose the power supply or injector to excessive heat or naked flames.
- Make sure the socket-outlet is easily accessible.
- To avoid short circuit: only connect the aerial to power once all the connections are complete and disconnect from power while changing or refitting leads/connections.

Aerial Kit Contents

1 Aerial x1 2 Locating bolts x3 3 Locating nuts x3 4 Mount pole x1 5 Wall bracket x1 6 Long fixing nut & bolt x1 7 M6 Coach screws and washers x4 8 Wall plugs x4 9 Coaxial downlead 10m 10 Cable clips x10 11 Rubber weather boot x1 12 F plugs x2 13 F to coax adaptor x1 14 12VDC power supply x1



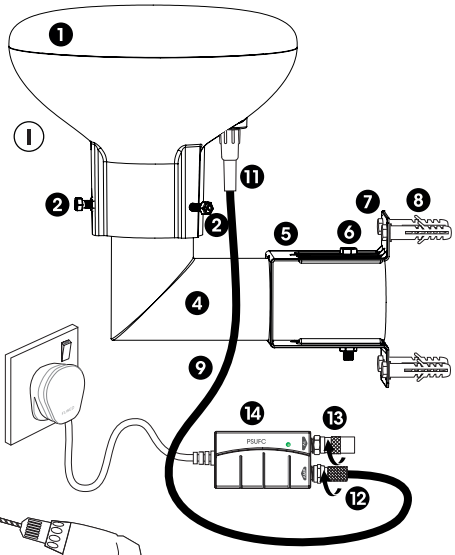
Main Features

Discrete, compact omni directional amplified VHF/UHF aerial suitable for outdoor use in medium and strong signal areas or loft installation in medium or strong signal areas where there is little or no interference (mounted on to masonry/brickwork or wood using the bracket supplied. It is ideal for use in most areas of the UK, with the exception of areas with very low or high signal strength.

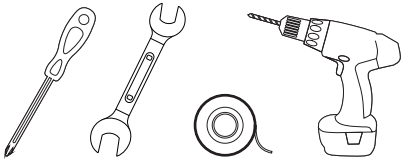
Built-in 20dB amplifier boosts the signal received before any signal loss and the introduction of noise from interference during signal transmission via the downlead.

Class 1 filter removes 703-860MHz signals to provide a typical 40dB protection from interference from 5G and 4G mobile phone signal transmissions.

Connection: F type



What you may need for installation:

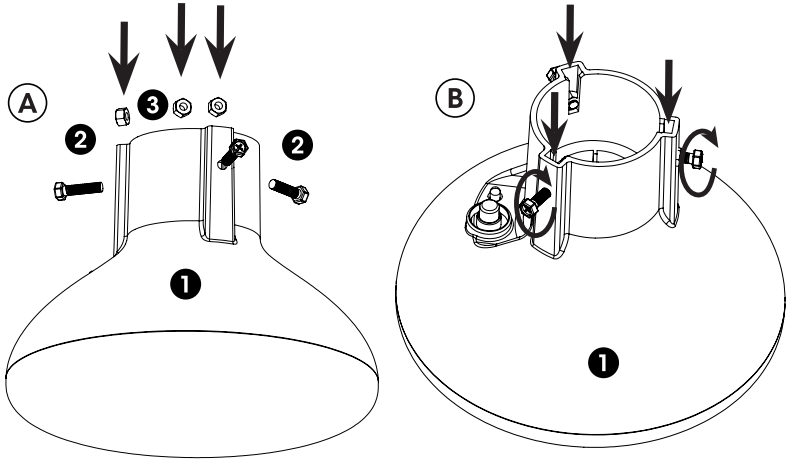


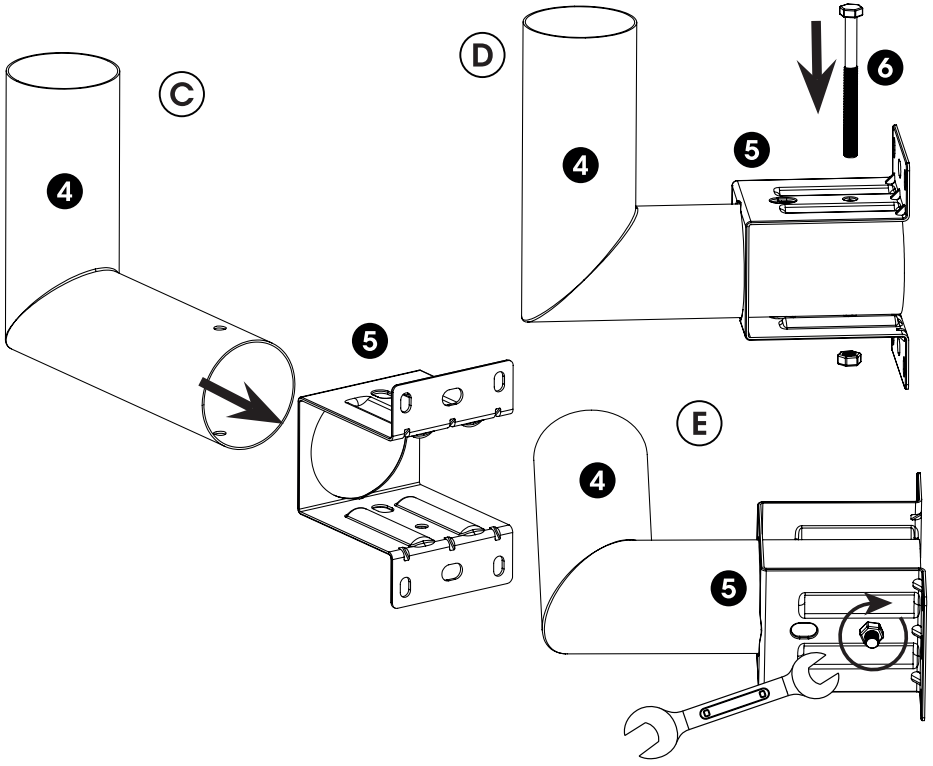
Before You Start

When mounting the assembled aerial, always observe safety precautions and use the correct equipment. Unless you are competent in the use of ladders and other access equipment, do not work outdoors at roof height. If in any doubt, refer to a professional aerial installer.

For best results use high quality low loss digital coaxial cable. Plan your cable run to be as short as possible. When running the cable avoid sharp bends in the cable and keep the cable run clear of mains wiring. If drilling through walls use a 7mm drill bit and be careful to avoid pipes and other cables.

Assembly



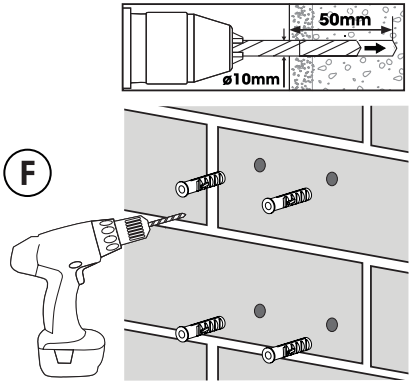


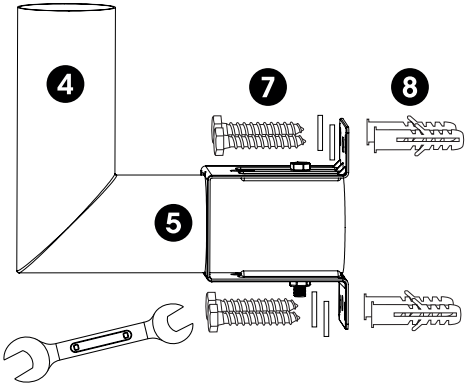
Installation

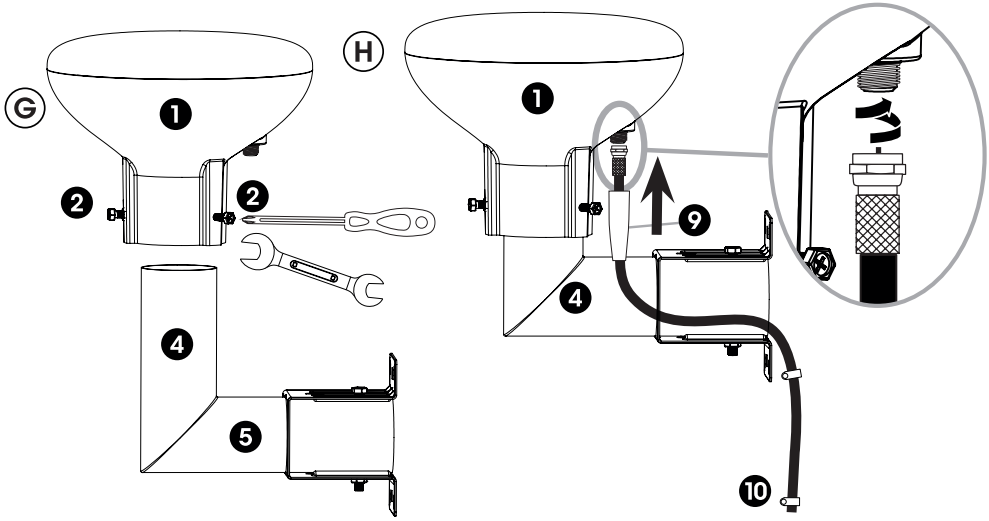
1. The power supply (14) provides 12VDC power to the aerial's amplifier, choose a location close to your TV/PVR, so that a flylead (not supplied) will reach the "ANT IN" aerial socket and within approx. 80cms of a mains socket.

2. Fix the power supply (14) to a wall, skirting board or similar solid surface in the chosen location using grab adhesive or a silicon sealant.

3. Search for channels following the manufacturer's instructions for your TV or set top box.



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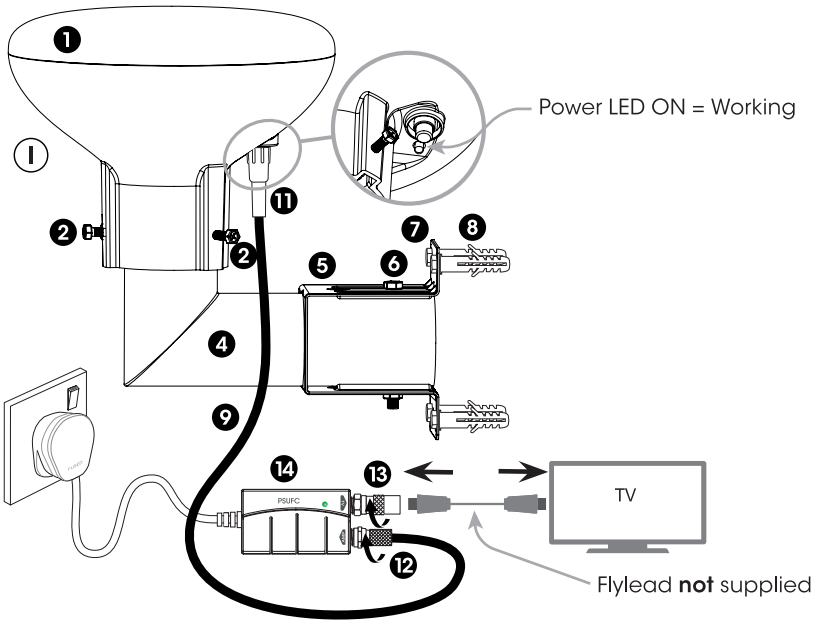
1
I
Power LED ON = Working
11
2
2
7
8
5
6
4
9
14
13
PSUFC
TV
12
Flylead **not** supplied

Product Maintenance

After installation make regular maintenance checks for wear and tear caused by weather or wildlife. Also check connections.

Troubleshooting

No Picture/Poor Picture
Check all connections from aerial to TV. Check aerial is facing the nearest transmitter.
The aerial is omni directional and should not require fine tuning however you may improve the signal by rotating the aerial.
If the aerial has been loft mounted try mounting outside.
Make sure new digital coax cable has been used throughout the installation.
Check the transmitter signal is not obstructed by nearby trees or buildings. Make sure new digital coax cable has been used throughout the installation.
If in a strong signal area the signal strength may need to be reduced by fitting an attenuator.

Technical Support

https://www.philex.com/support/

Other Useful Websites for Digital Advice

To find out what DTT channels should be available locally and to find out where your nearest transmitter is (distance and compass bearing) visit: http://www.wolfbane.net/cgi-bin/tvd.exe

Product Specifications

Frequency Range	VHF: 47-230MHz, UHF: 470-694MHz
Gain	20dB
Connector	F-type (female)
Amp. Power Required	9-12VDC, 100mA
Power Adaptor (AC Input)	220-240V~50/60Hz, 0.2A max.
Power Adaptor (DC Output)	12VDC/100mA
Dimensions	190 x 250 x 230mm

⧈	The power supply for this product is a Class II appliance protected by double insulation.
⌂	The power supply for this product is for indoor use only.
~	Alternating current (AC)
⎓	Direct current (DC)
⚠ 🕮	Use only power supplies listed in the user manual.
⊖⊂⊕	To identify the positive and negative connection (the polarity) of a DC power supply

ErP/EuP Directive No. (EU) 2019(1782): Power Supply

Manufacturer/Address	PHILEX Philex Electronic Ltd. Kingfisher Wharf, London Road,Bedford, United Kingdom. Registration No. 339123
Model identifier	PSUFC
Input voltage	100-240V
Input AC frequency	50/60Hz
Output voltage	12VDC
Output current	0.3A
Output power	3.6W
Average active efficiency	76.01 %
Efficiency at low load (10%)	N/A
No-load power consumption	0.07W

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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