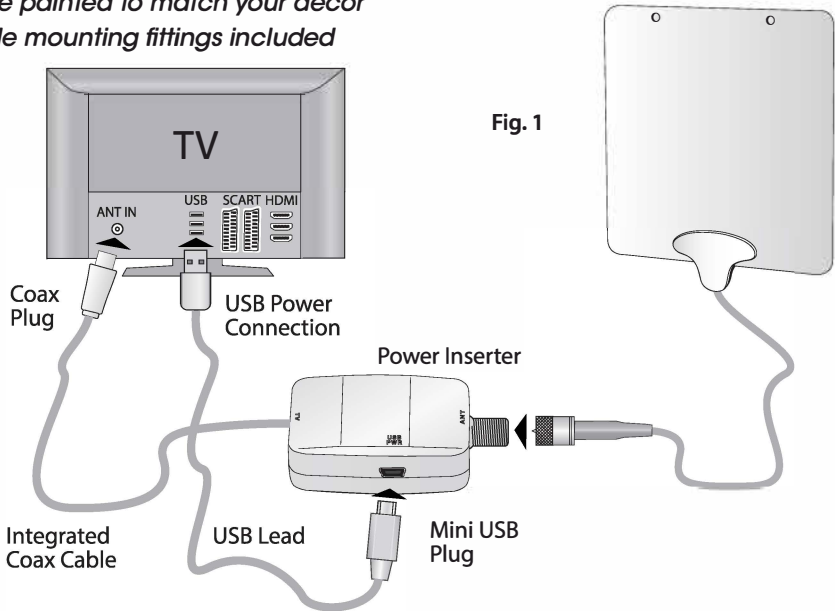


**Features Include:**

- The aerial element less than 0.5mm thick - ideal for mounting behind a picture frame or on a window
- Fast and easy set-up
- Suitable for Digital/HD and 4K Ultra HD reception in strong signal areas
- Receives all locally available digital TV signals
- Amplified to enhance signal strength
- Built-in filter prevents interference from 4G mobile phone transmitters
- Reversible - choose black or white side
- Can be painted to match your decor
- Multiple mounting fittings included



**Installation Instructions**

1. Plug the mini USB plug on the USB lead supplied into the USB power inserter, plug the other end into a USB socket on the back of your TV (available on most recent TVs) or a computer as shown in Fig. 1. If you are in a very strong signal area you may not need to use the USB power connection.

Please Note: If there is no USB socket available on your TV you can use a standard USB charger with an output socket of 1A or more.

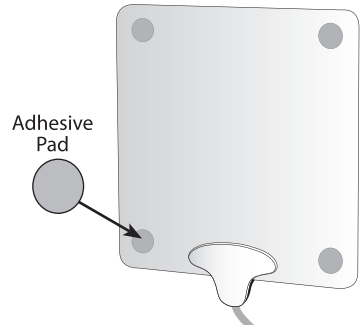
2. If your TV has a built-in digital tuner, connect the F plug from your aerial to the power inserter and then connect the integrated coax cable from the power inserter into the RF input on your TV.

Alternatively you can use your aerial to provide TV signals to Freeview™ boxes, PVRs, VCRs and other set top boxes. Connect the F plug on your aerial lead to the power inserter then connect the integrated coax cable from the power inserter into the RF input on your set top box and connect the set top box to your TV using an HDMI, SCART or RF lead as appropriate (follow your set top box instructions).

# Aerial positioning and tuning

## Wall Mounting

You can attach the aerial to almost any flat vertical wall using the 2cm diameter adhesive pad supplied (peel off the backing on one side of the adhesive pad and stick it to the balun in the position shown opposite). Before you attach the aerial to a wall try positioning the aerial on different surfaces at different angles to find the position that gives the best signal, you may also find you get a better signal by mounting the aerial at different heights. When you have found the best position for your aerial peel the remaining backing off the adhesive pad and stick the aerial to the surface chosen (make sure the surface is dry and dust-free first).



## Window Mounting

Alternatively you can mount the aerial to the inside surface of a clean window using the suction pads provided. For best results choose a window facing towards the nearest local transmitter.

## Troubleshooting

Problems with reception.

It is not possible to view digital channels under weak signal strength conditions. Therefore, typically you will either receive digital channels with a clear picture and sound or you will not receive any channels at all. Sometimes, an insufficient digital signal can cause occasional blocking, freezing or complete loss of picture. Try the following to improve the picture:

1. Reposition the aerial on different facing surfaces and at different heights.
2. Position the aerial at greater or lesser distance from TV until optimum signal is received.
3. Check the USB power connection.
4. If you are close to a transmitter you may find that the reception is better when the signal is not amplified, try reception with the USB cable disconnected from the power inserter.

## General Safety Precautions

- To prevent fire or shock hazard, do not expose this device to rain or moisture
- This product is for indoor use only
- Do not expose the product to extreme heat
- Do not use the product close to water
- Do not disassemble this aerial it contains no user serviceable parts. Refer servicing to qualified personnel only
- Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock

## Specifications

Frequency: 47 - 230MHz (VHF)  
470 - 790MHz (UHF)  
Gain VHF: 20dB  
UHF: 20dB  
Impedance: 75Ω  
Power Supply: 5V $\pm$ 100mA

To find out what DTT channels should be available locally go to: <http://www.digitaluk.co.uk/coveragechecker/> and enter postcode, check the "Detailed view" box to see transmitter distances and compass bearings.

For further information or any queries please contact

**Customer careline: 08457 573479**

**Local Rate - UK Only**

**Technical Support: [www.philex.com/support](http://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.

