

INSTALLATION

The Antenna Dome

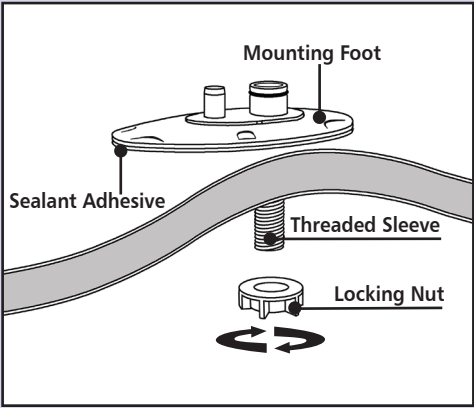
Positioning

When positioning the Antenna Dome please allow for the following:-

1. Place above a wardrobe or locker to provide a suitable location for the Power Amplifier below.
2. Position to ensure Status is not shielded from incoming signals.
3. Check the roof thickness to ensure there's enough threaded sleeve to tighten the Locking Nut.
4. Do not place within one metre of any metal protrusions such as roof racks, metal flues, metal poles etc. as this may cause picture distortion.
5. On a Caravan or Motorhome mounting on the offside will reduce collision with overhead obstructions.

Fitting the Mounting Foot

1. Drill a hole 26mm in diameter.
2. Turn the Mounting Foot over and apply a SEALANT ADHESIVE to the underside of the foot.
3. Lower the threaded sleeve of the Foot through the drilled hole and bed on to the roof.
4. Thread on the locking nut and tighten

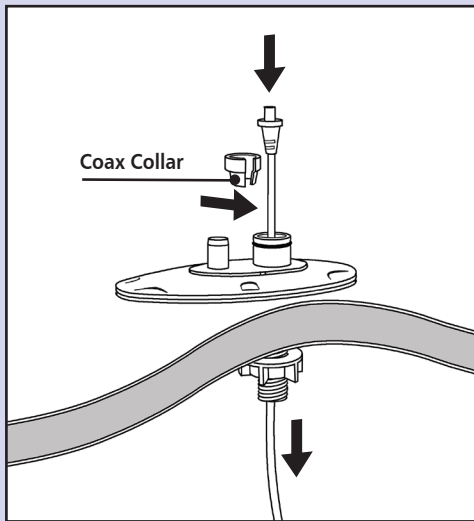


On the underside of the Mounting Foot, there are six blind recessed holes. These can be drilled through should you wish to add screws to your installation.

Fitting The Coaxial Cable

1. Thread the Coaxial cable through the roof, F-CON SCREW END FIRST.
2. Clip The Coax collar around the Coaxial Cable.
3. Push down firmly on the plug to seat the plug in the recess of the Mounting Foot.

IMPORTANT: DO NOT PULL down on the cable to seat the plug.



VERY IMPORTANT: The seated coax plug MUST BE the push-on end of the coax cable.

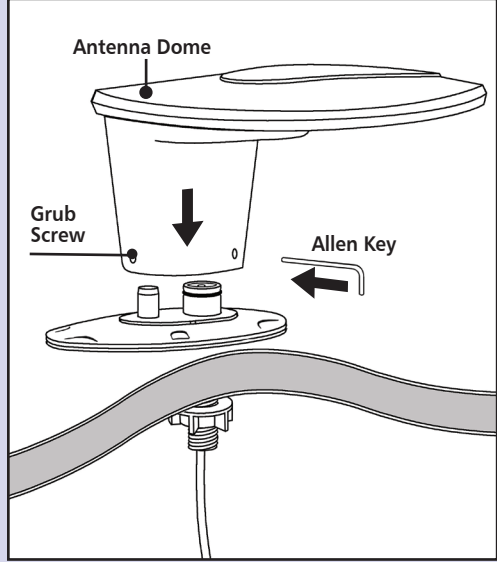
Fitting the Antenna Dome

1. Push the Antenna Dome into position, ensuring it is properly seated on the Mounting Foot.

If the coax cable has been threaded through incorrectly, the Antenna will not seat properly on the Mounting Foot.

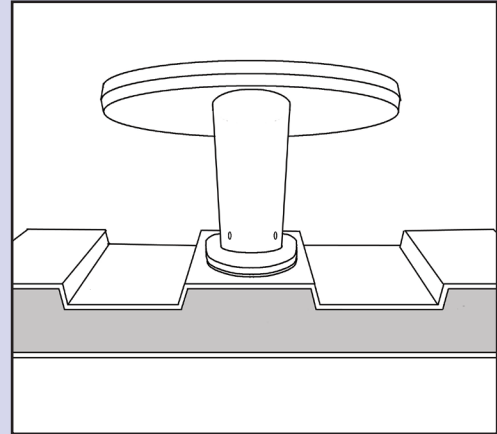
IMPORTANT: Please ensure there is NO GAP between the Antenna and the Mounting Foot.

2. Whilst pressing down on the Antenna Dome, secure by tightening the four grub screws with the Allen Key.



Ridged Roof Installation

The STATUS 270 has a narrow Mounting Foot designed to allow fitting onto ridged roofs or in restricted spaces. Please ensure you can access the threaded sleeve from inside your van when in place.



The Power Amplifier

Positioning & Fixing

1. Locate the Power Amplifier in the wardrobe or locker below the Antenna Dome where it is easily accessible and where possible close to the TV position.
2. Fix in place using the two 38mm screws.

Wiring to Power Supply

1. Status requires a 12-24 volt power supply from a fused auxiliary outlet fed from the battery. If wiring direct to a battery we recommend an in-line fuse (max 5 amp) on the positive wire. If unsure please consult with a qualified installer.

RED STRIPE +VE, BLACK -VE

DO NOT connect into any other 12 volt power cables as they may carry electrical interference which will cause picture distortion.

Connecting the Antenna

1. Should there be excess coax cable, shorten to the required length to reach the power amplifier.
2. Trim the cable and refit a new F-Connector as described below.
3. Once fitted, connect the Antenna to the 'ANT.IN' socket.

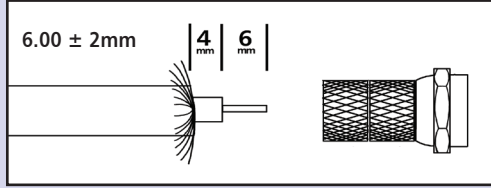
DO NOT secure the cable with any staples or 'P' Clips as this may damage the cable, it is best left loose.

Connecting to your Television

To connect to your television you will need to run a cable to your TV position to the Power Amplifier. There are many options available dependant on your particular installation. You may well require additional cable, connectors, plugs or sockets which are available from ourselves or through your local dealer.

Whenever routing the cable or fitting connectors please follow our Important Guideline over.

Fitting a Coax F-Connector for RG59 6.00mm cable



1. Remove 10mm of white outer sheath.
2. Pull back evenly the copper braiding.
3. Remove 6mm of the insulation.
4. Screw the F-Connector on to the cable. Keep screwing until the central core is flush inside the plug.

IMPORTANT: The copper braiding MUST NOT TOUCH the central core.

Operating the System

1. Switch ON the Power Amplifier and the blue LED will illuminate.
2. Check the gain control switch is set to maximum by rotating clockwise.
3. Turn on your television set and tune in. This may be necessary at all new locations.



VISION PLUS

STATUS 270 Digital Antenna

Please read these instructions carefully. Incorrect installation will affect the performance of your Status

Technical:

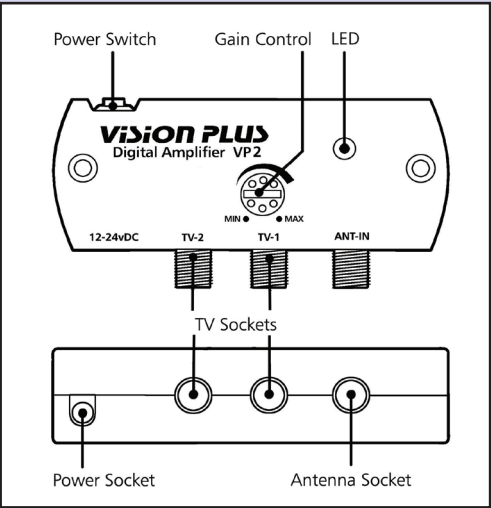
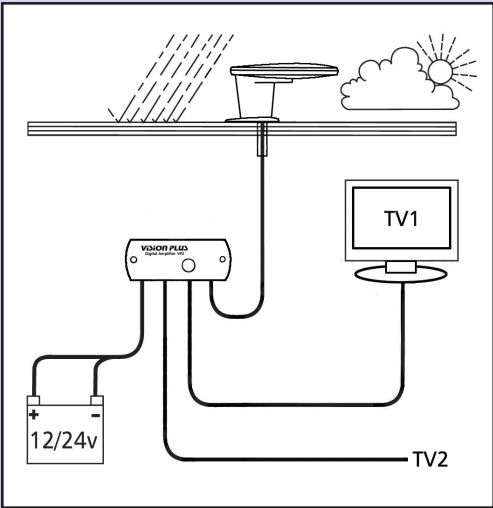
| | | | |
|--------------------------|-----------------|-------------------|-----------------|
| Diameter - Antenna Dome | 270 x 285 mm | Frequency Range | UHF 470-790 MHz |
| Diameter - Mounting Foot | 150 x 70 mm | Amplifier Gain | 15 db |
| Height - Overall | 136 mm | Gain Adjustment | 0 to ≈15 db |
| Height - Foot | 31 mm | Flatness | ±1.5 db |
| Power Amplifier | 115 x 45 x 29mm | Noise Figure | <2.2 db |
| Coaxial Cable | 2 metres | Output Impedence | 75 ohms |
| | | Signal Handling | 80 dbuv |
| | | Power Supply | 10.8-28 vDC |
| | | Power Consumption | 55 ma |
| | | Signal Outputs | 2 TV |



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RETAIL VP2

IMPORTANT GUIDELINES

Routing The Coaxial Cable

The Coaxial Cable must be handled with care. Please comply with the following as failure to do so will severely affect performance.

- Should the coaxial plug be removed, it is very important that it is refitted correctly as described below.
- Do not crush, kink or over-bend the coaxial cable, which has a minimum bend radius of 25mm.
- Any excess cable should be removed and MUST NOT be coiled.
- Avoid increasing the number of connections or breaks in the coaxial cable as they will reduce performance, especially in weak signal areas.
- Do not run coaxial cable next to mains cable, leave a minimum distance of 120mm to prevent interference.
- Do not allow the cable to come into contact with any hot surfaces as this could melt the air-spaced insulation of the cable.
- Keep away from fluorescent lighting.
- When installing the coaxial cable, Do not feed through by pulling on the coaxial plug.
- Do not add excessive lengths of coaxial cable, this will cause increased TV signal losses.
- Should the cable need to be lengthened, use only RG59 specification cable and high quality coaxial plugs and couplers which are available from our Vision Plus Range through our dealers or directly from ourselves.

FAULT FINDING

The following are some of the key areas we suggest you check which generally solve the most common problems encountered with the operation of the Status antenna.

Coaxial Connections

It is critical that all connections in the system are fitted correctly and only quality plugs have been used.

Coaxial Cable

Sharp bends, kinks and hot surfaces can easily damage coaxial cable and should be avoided. An inspection of the cable routing is recommended to ensure all is correct. Coaxial cable, if placed in close proximity to electrical cables, transformers or other pieces of electrical equipment, may pick up electrical interference causing picture quality to deteriorate, especially in poor reception areas. Excess cable should be removed and NOT coiled as this may cause picture distortion. An inspection of the routing of the cable is highly recommended to ensure all is correct.

Gain Control

In normal use the button should be rotated clockwise for maximum gain. In strong signal areas the amplification can be reduced by rotating the button anti-clockwise until picture quality improves. The button rotates through 270 degrees from MAX to MIN.

LED Light

Should the LED on the Power Amplifier not light, firstly check there is power to the unit. Secondly check the polarity is correct. Otherwise contact ourselves for further assistance.

Short Hook Up - Test 1

This test isolates the wiring from the Amplifier through to your TV. Unplug the coaxial plugs from the 'TV' sockets of the Amplifier and using your TV fly lead with Converter 1 supplied. Connect your TV to the Amplifier.

Please ensure the Antenna Dome is plugged directly into the 'ANT-IN' socket of the Amplifier and switch on. Tune in your TV for the strongest signal.

If the picture quality improves the fault lies with the wiring of the system between the Amplifier and the TV outlet socket.

Short Hook Up - Test 2

This test isolates the Amplifier by connecting your TV direct to the Antenna.

Unplug the Antenna from the Amplifier and connect Converter 2 supplied to the plug on the cable end. Using your TV Fly lead connect the antenna directly to your TV. Tune in your TV for the strongest signal.

If the picture quality improves, the fault lies with the Vision Plus Amplifier.

Antenna Dome Coaxial Cable

Check the routing of the coaxial cable from the Antenna Dome to the Amplifier. Check to ensure there are no kinks or trapped cable or if there are loops of surplus cable which could be affecting performance.

When the Antenna Dome was originally fitted and lowered onto the Mounting Foot, cable may have been trapped or kinked under the Mounting Foot. To check remove the Antenna Dome as described over the page to see if this has occurred.

Customer Help Line

Should you still be experiencing difficulties and require assistance, please do not hesitate to contact us at the address below.

MAINTENANCE

Spares & Repairs

Should you require any parts for replacement or repairs please log on to www.visionplus.co.uk or contact ourselves on 0115 986 7151.

Three Year Guarantee

The Status antenna has a return to base guarantee against defective parts and workmanship for the three years from date of purchase. This does not include any malfunction resulting from improper use, accidental or malicious damage. To support your guarantee claim a dated Proof of Purchase will be required.

This does not affect your statutory rights. Any queries concerning warranty please contact ourselves.

| Signal | Symptom | Action |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Very Poor | No picture or sound, TV freezing, severe pixilation, break up and picture drop out | Check the amplifier gain is set to Maximum. Bypass the amplifier by connecting your antenna directly to your TV to confirm that the amplifier is operational. |
| Poor | Moderate pixilation and sound distortion | |
| Medium | Minor pixilation, will not receive all channels | |
| Good | Stable picture, good sound quality, will receive all channels | N / A |
| Strong | Moderate pixilation, picture break up and drop out | Reduce the amplifier gain (rotate anti-clockwise). |
| Very Strong | No picture or sound, TV freezing, severe pixilation, break up and picture drop out | Bypass the amplifier by connecting your antenna to your TV. |
| After performing any of the 'Actions' above you must re-tune your TV | | |