**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 as high as possible to ensure Status is not shielded from incoming signals.
3. 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.
4. On a Caravan or Motorhome mounting on the offside will reduce collision with overhead obstructions.

**Fixing**

1. Make a hole 15mm in diameter, large enough for the coaxial cable with plug fitted to be passed through, making sure there are no sharp edges that could cut or chafe the cable.
2. Remove the Mounting Foot from the Antenna Dome. Turn the Mounting Foot upside down and with a SEALANT ADHESIVE fill the channel around the edge, including around the holes for the fixing screws.

**IMPORTANT** - The channel needs to be slightly over-filled to ensure a good contact.
3. Place in position centrally over the drilled hole and secure with the four 16mm self tapping screws.
4. Once the sealant has set, thread the coaxial cable through the roof, pulling through the cable as the antenna is lowered, making sure the cable does not snap, kink, chafe or become trapped.
5. Push the Antenna Dome into position, ensuring it is properly seated in the Mounting Foot. Secure by tightening the two grub screws with the Allen Key.

**Angle Adjustment.**

**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. With a screwdriver loosen the Central Bolt, adjust the Adapter to the desired angle and re-tighten the central bolt.
3. Push the Antenna Dome into position, ensuring it is properly seated in the Mounting Foot. Secure by tightening the two grub screws with the Allen Key.

**Connecting to your Television**

To connect to your television you will need to run a cable to your TV position using 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.

**Connecting the Antenna**

1. Shorten the cable from the Antenna Dome to the required length to reach the Power Amplifier - DO NOT COIL ANY EXCESS CABLE.
2. Trim the cable and refit the F-Connector as described in this guide.
3. Once fitted, connect the Antenna to the "ANT IN" socket.

**Connecting the Pinnacle**

1. To adjust the angle, remove the Antenna Dome from the Mounting Foot and turn the Antenna Dome upside down.
2. With a screwdriver loosen the Central Bolt, adjust the Adapter to the desired angle and re-tighten the central bolt.
3. Push the Antenna Dome into position, ensuring it is properly seated in the Mounting Foot. Secure by tightening the two grub screws with the Allen Key.

**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 STRIP +VE, BLACK -VE**

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

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**Relevant if you are mounting Status on a sloping surface. Level fixing is very important to ensure optimum performance.**
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**Pole Fitting**

1. Remove the Mounting Foot from the Antenna Dome.
2. The Adapter is now ready to accommodate any 25mm pole, such as those in the Vision Plus Range.
3. The coaxial cable can be threaded down the centre or outside of the pole.
4. If the cable is being fed down the outside please ensure that the top of the pole does not rub or cut the coaxial cable when being pushed into place.
5. Once the pole is in place, secure by tightening the two grub screws with the Allen key.

**Removing the Pinnacle**

This may be necessary should you wish to reduce the overall height of the antenna by 90 mm.
1. Simply unscrew the Pinnacle and remove.
2. To replace, simply screw in and tighten BY HAND.
3. **IMPORTANT** - The Pinnacle is an integral part of the antenna and critical to its performance. When in use always ensure the Pinnacle is fitted.

**Removing the Antenna**

A permanently fitted Status may be removed if there are severe height restrictions, leaving only the Mounting Foot in place.
1. Disconnect the Antenna from the Power Amplifier. On the Adapter loosen the two grub screws with the Allen key and lift off whilst carefully feeding out the coaxial cable with plug attached.
2. Push the Blanking Cap supplied into place to cover the central hole.

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**Grade UK Limited**

8 Fininch Close
Lenton Lane
Nottingham NG7 2NN
Tel: 0115 986 7151
email: info@gradeuk.co.uk
www.gradeuk.co.uk
Coaxial Cable is quite fragile and must be handled with care. Please comply with the following as failure to do so will severely affect performance.

1. Should the coaxial plug be removed, it is very important that it is refitted correctly as described below.
2. Do not crush, kink or over-bend the coaxial cable, which has a minimum bend radius of 25mm.
3. Any excess cable should be removed and MUST NOT be coiled.
4. Avoid increasing the number of connections or breaks in the coaxial cable as this will reduce performance, especially in weak signal areas.
5. Do not run coaxial cable next to mains signal areas.
6. Do not allow the cable to come into contact with any hot surfaces as this could melt the air-spaced insulation of the cable.
7. Keep away from fluorescent lighting.
8. When installation the coaxial cable, Do not with any hot surfaces as this could melt the air-spaced insulation of the cable.
9. Should the cable need to be lengthened, use this will cause increased TV signal losses.
10. Do not add excessive lengths of coaxial cable, which has a minimum bend radius of 25mm.

Coaxial Connections

It is critical that all connections in the system are fitted correctly. Using the diagrams and procedure described over the page, please check each and individual plug ensuring it is wired correctly. Second please ensure 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.

Pinnacle

The pinnacle is essential for the optimum performance of your Status antenna and therefore should be in place when the antenna is in use.

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 our dealers or directly from ourselves for further assistance.

User Guide

Technical:

<table>
<thead>
<tr>
<th>Signal</th>
<th>Problem</th>
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<tbody>
<tr>
<td>Poor</td>
<td>No picture or sound, TV freezing, severe pixilation, break up and picture drop out</td>
</tr>
<tr>
<td>Medium</td>
<td>Minor pixilation, will not receive all channels</td>
</tr>
<tr>
<td>Good</td>
<td>Stable picture, good sound quality, will receive all channels</td>
</tr>
<tr>
<td>Strong</td>
<td>Moderate pixilation, picture break up and drop out</td>
</tr>
<tr>
<td>Very Strong</td>
<td>No picture or sound, TV freezing, severe pixilation, break up and picture drop out</td>
</tr>
</tbody>
</table>

Action

Check the amplifier gain is set to Maximum. Eliminate the cause of the problem by connecting your antenna directly to your TV to confirm that the amplifier is operational.

Spares & Repairs

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

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.

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By-Pass Tests

There are two tests that enable you to isolate parts of your installation. You will require the Coaxial® Connector adapters supplied in the small labelled bag.

1. Firstly, disconnect the cables from the TV sockets of the Amplifier. There are connected to a TV outlet socket. Attach one of the adapters supplied to your TV fly lead and connect your TV direct to the Amplifier, plugging into one of the TV’s outlets. Ensuring the Antenna Dome is plugged into the ANT-VV socket, switch on and tune 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.

2. Secondly bypass the Amplifier by removing the Antenna dome from the Status antenna and using the second Adapter plug the Antenna dome directly to your TV. If the picture quality is improved the fault lies with the 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.

Suggested actions to help reduce pixilation that may affect your TV are listed below.

1. Reduce the amplifier gain (rotate anti-clockwise).
2. Remove the cable from the Power Amplifier and the TV outlet socket.
3. Check the amplifier gain is set to Maximum.

After performing any of the ‘Actions’ above you must re-tune your TV.

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 re-ajust 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.

IMPORTANT GUIDELINES

Routing The Coaxial Cable

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IMPORTANT – The copper braiding MUST NOT TOUCH the central wire.