

OMNISAT 54 PORTABLE SATELLITE KIT

EASY TO FIT INSTRUCTIONS

This kit contains a 54cm Omnisat Portable Satellite Dish, Omnisat Tripod Stand, Omnisat Compass, Omnisat Satellite Finder and Omnisat Holdall. Should you have any difficulty installing your Portable Satellite Kit, please contact our Customer Helpline on (01553) 811000.

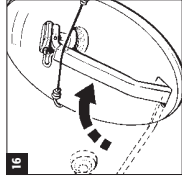
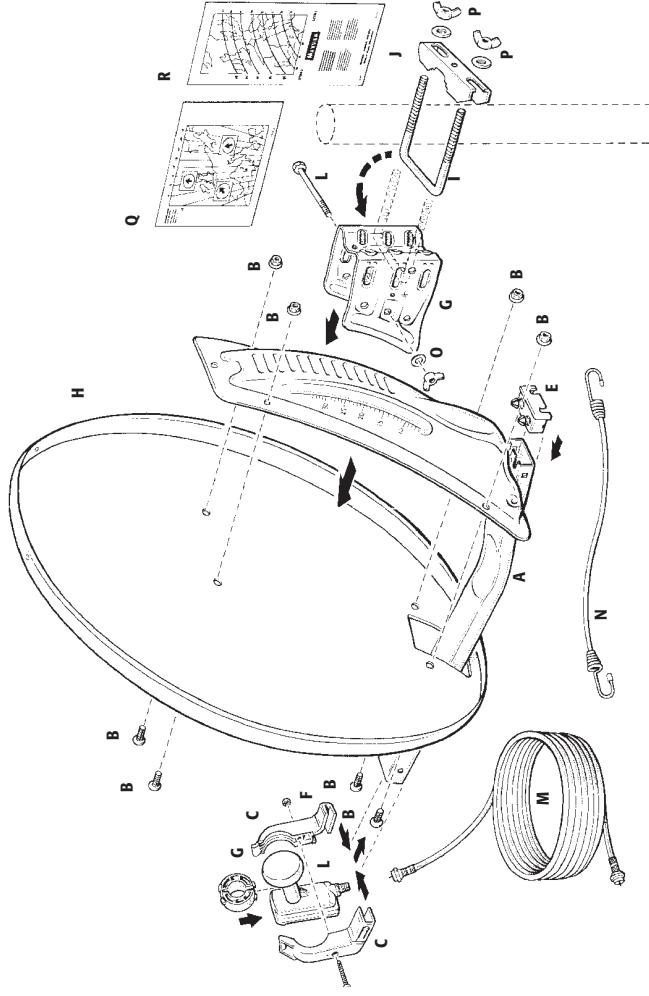
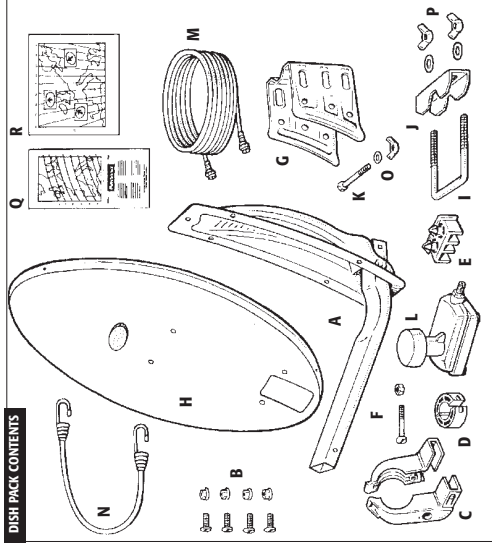
Please retain these instructions for future reference - Read all instructions and warnings before commencing work.

Before you use your Omnisat Portable Dish Pack for the first time you will need to assemble the dish pack.

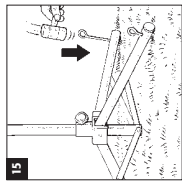
DISH PACK KIT CONTENTS

- A: 1 x Folding Arm/Elevation Plate Assembly
- B: 4 x M5 Bolts & Flange Nuts
- C: 1 x Left & Right Plastic LNB Clamps
- D: 2 x LNB Spacers
- E: 1 x Grey Plastic Cable Guide Bung
- F: 1 x Grey Plastic Cable Guide Nut
- G: 1 x Shock Cord
- H: 1 x 54cm Satellite Dish
- I: 1 x U Bolt
- J: 1 x Pole Clamp
- K: 1 x M6 Bolt & Flange Nut
- L: 1 x LNB
- M: 1 x 10m 'F' to 'F' Satellite Cable
- N: 1 x Shock Cord
- O: 1 x M6 Wing Nuts & Washers
- P: 2 x M6 Wing Nuts & Washers
- Q: 1 x Satellite Zone Map Label
- R: 1 x Screw Map Label

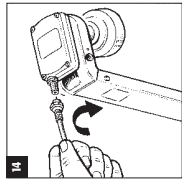
DISH PACK CONTENTS



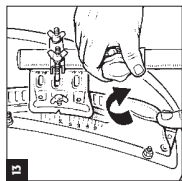
For storage use shock cord provided to secure folding arm and dish in place. Pack all kit items into Omnisat Holdall for storage.



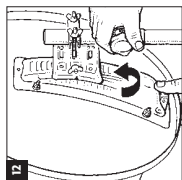
For additional stability, the tent pegs supplied can also be used to prevent the stand from falling over in the wind.



Remove the satellite finder. Connect the long cable lead to the LNB by screwing the 'F' connector into the underside of the LNB. Ensure the 'F' connector is screwed on tightly and that it is fully weatherproof using anaerobic tape or similar.



Once fine-tuning is complete, tighten dish mounting bolts and fixing clamp on tripod mast taking great care not to move the dish position.



Azimuth Alignment
Once the correct elevation angle has been set, loosen the clamp at the top of the mast. Refer to the Omnisat Compass and slowly rotate the dish by turning to the left and then back towards the right within the coloured segment of the desired satellite until you hear a change in tone from the satellite. The tone will increase and the LED marked 'Level' will change from red to green. When the highest tone is reached, turn the signal level adjustment control anticlockwise so the LED marked 'Level' is yellow. As the satellite finder only determines the reception level and doesn't know from which satellite the signal actually came from, check on the receiver, whether the desired satellite is being received. If this is not the case, repeat the search for the next satellite. If you are receiving signals from the desired satellite, continue to finely adjust the dish. As the tone increases, and the LED changes to green, turn the signal level adjustment control anticlockwise to turn the tone down and repeat this fine adjustment until there is no further increase in tone. You may also need to fine tune the height elevation to achieve best reception.

N.B. Ensure that you continuously turn down the tone as if the tone is too high you will not hear an increase in the tone.

GUIDELINES FOR SKY DIGITAL SATELLITE RECEPTION

To align the satellite dish to the Astra 2 satellite for digital satellite reception, use the SIGNAL TEST menu built into the SKY digibox. To access this menu you will first have to press the SERVICES button on the remote control. In the SERVICES menu you will then need to access the SYSTEM SETUP (number 4) and the SIGNAL TEST (number 6).

The display will then show, from top to bottom:

- SIGNAL STRENGTH
- QUALITY
- LOCK INDICATOR
- NETWORK ID
- TRANSPORT STREAM

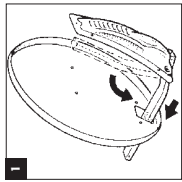
You will need to adjust the dish until there is at least a quarter of the SIGNAL QUALITY bar display, the LOCK INDICATOR shows OK and the NETWORK ID is displaying 0002. If the NETWORK ID is showing any other details, you have locked onto the wrong satellite and will need to re-align the dish. When Astra 2 North beam is being received the TRANSPORT STREAM will display 0764. This is not the case if receiving South Beam only.

Press BACK UP.

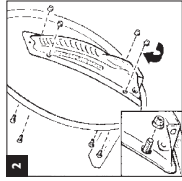
Maxview Ltd reserve the right to alter their specifications without prior notice.

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TEL: (01553) 811000
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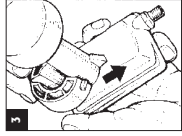
DISH PACK ASSEMBLY INSTRUCTIONS



Open out the Folding Arm/Elevation Plate assembly and insert through hole at bottom of dish.



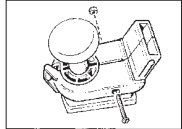
Line up holes at the back of the dish with the M6 bolt and flange nuts, ensuring they are tight.



Clip together left and right LNB clamps and fit around LNB. Use the spacers provided around the LNB to make a snug fit. Secure assembly together using the M6 bolt and nut.



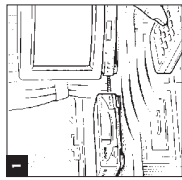
Attach satellite dish to bracket. Make sure that bracket slots fit into grooves of elevation plate. Secure using M6 bolt and flange nut.



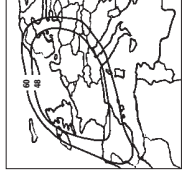
Slide the grey plastic cable guide bung into the back of the folding elevation plate.



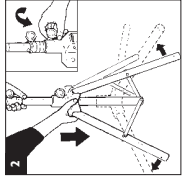
When cable is fed into building or vehicle, care should be taken to waterproof entry point, a drip loop should be used.



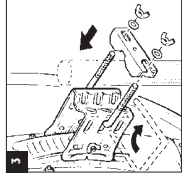
Secure that your television is tuned to the output channel of the satellite receiver. For each connection, select correct AV channel. Ensure that you are in the reception beam/footprint of the satellite you wish to receive. Switch all equipment off to standby mode.



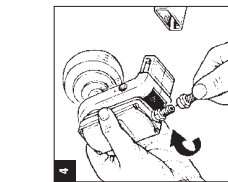
Loosen the fixing clamp on the tripod stand and push legs downwards. Extend the feet of the tripod stand as far as they will go for maximum stability. Ensure the tripod is on level ground so the tripod mast is on level perpendicular to the ground.



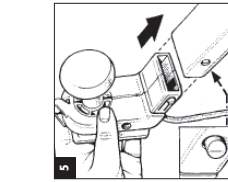
Insert 'U' bow pole clamp into dish bracket and attach to pole using the M6 flange nuts (wingsnuts & washers are included, which are optional).



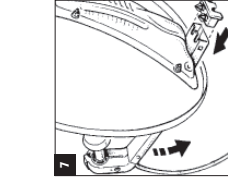
Mount the satellite dish on the upper rotatable end of the tripod stand. Attach the clamp to the tripod mast and tighten using 2 x M6 Allen key. Washers and 2 x M6 Wing nuts.



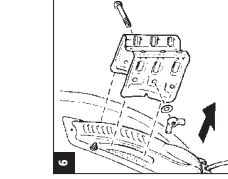
Connect one end of the cable to LNB. Make sure it is screwed on tightly and that it is fully waterproofed by using an appropriate type or similar.



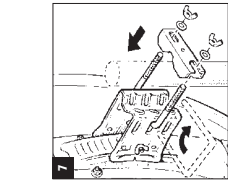
Insert LNB assembly into the front of the folding arm. Check that the plastic studs have clicked into place.



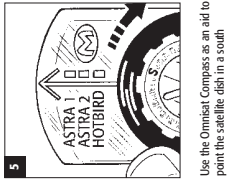
Slide the grey plastic cable guide bung into the back of the folding elevation plate.



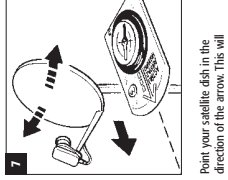
Attach satellite dish to bracket. Make sure that bracket slots fit into grooves of elevation plate. Secure using M6 bolt and flange nut.



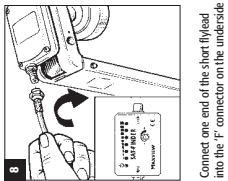
Use the Omnist Compass as an aid to point the satellite dish in a southerly direction towards the desired satellite. Rotate the black bezel on the compass until the arrow on the clear back plate is in the centre of the coloured line of the desired satellite.



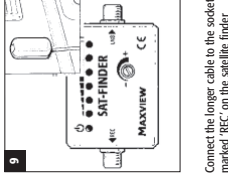
Rotate the compass until the red end of the needle points North (N) on the compass dial. The compass must be horizontal and the needle must rotate freely. Allow sufficient time for the needle to react to the rotation. Stand away from metallic objects or electrical appliances.



Point your satellite dish in the direction of the arrow. This will indicate the general direction of the satellite. Ensure the satellite dish has a clear line of sight to the satellite with no trees or buildings causing an obstruction.



Connect one end of the short feed into the 'F' connector on the underside of the LNB. Connect the other end to the socket marked 'LNB' on the satellite finder.



Connect the longer cable to the socket marked 'LNB' on the satellite finder. Connect the other end to the weatherproof socket. The use of a weatherproof socket is recommended to provide a weatherproof cable entry into vehicle.



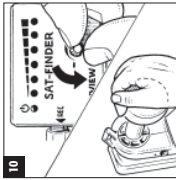
Switch TV and receiver on and the LED marked 'Level' will light up. Cover the cap of the LNB with your hand and turn the signal level control knob anticlockwise to adjust the satellite finder so that the built-in buzzer gives a deep tone and the LED marked 'Level' still shows red.



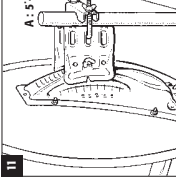
Adjust the elevation angle of the dish using the signal level control knob. The signal level control knob anticlockwise to adjust the satellite finder so that the built-in buzzer gives a deep tone and the LED marked 'Level' still shows red.



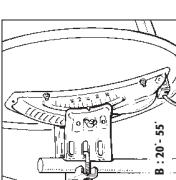
Adjust the azimuth angle of the dish using the signal level control knob. The signal level control knob anticlockwise to adjust the satellite finder so that the built-in buzzer gives a deep tone and the LED marked 'Level' still shows red.



To receive a clear satellite picture, the dish must have the correct vertical and horizontal alignment. Vertical alignment is the dish angle of elevation and refers to the angle at which the satellite signals hit the earth's surface. In the northern hemisphere the angles of elevation are smaller and the further south you go i.e. nearer the equator, the steeper the angle of elevation becomes. Horizontal alignment is the adjustment of the dish in the direction (east or west) of the satellite from which you wish to receive signals. Please note that the dish alignment is critical. Digital reception produces a substantial delay between receiving a signal and displaying a picture. Therefore small adjustments of the dish should be made in order to allow time for the digital meter in the satellite receiver to respond correctly. Consult the manufacturer's instruction manual of your satellite receiver for more details.

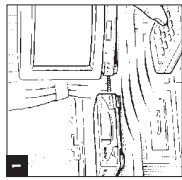


Using zone map provided, identify your position and required angle of elevation. To adjust elevation of dish, line up degrees on the dish bracket to the north on the pole bracket and tighten.

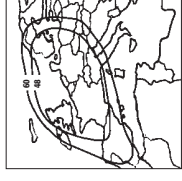


Please note that depending on your location, elevation angle will need to be adjusted. If your location is North adjust elevation angle on the dish marked 5-40. If South adjust using elevation angle marked 20-55. For further information on dish alignment and adjustment please see page 4.

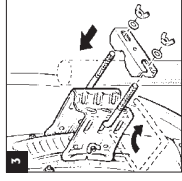
USER INSTRUCTIONS



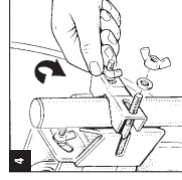
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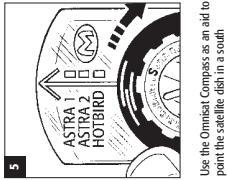
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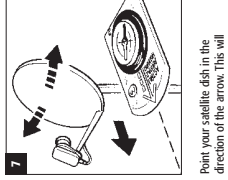
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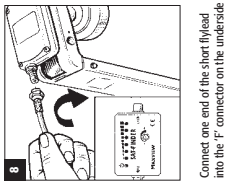
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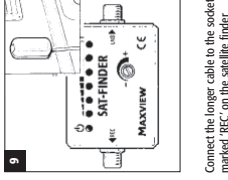
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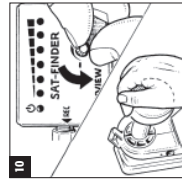
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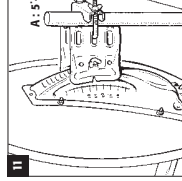
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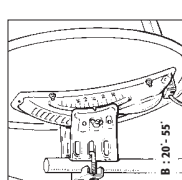
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Using zone map provided, identify your position and required angle of elevation. To adjust elevation of dish, line up degrees on the dish bracket to the north on the pole bracket and tighten.