



QS80 FLAT DISH USER MANUAL



www.quicksatuk.com

About QuickSAT

Congratulations on your new purchase and welcome to the world of QuickSAT Satellite TV, QuickSAT is the simplest touring satellite system to set up and operate.

This guide will take you through the simple process required to get you watching all of your favourite channels as soon as possible.

The QuickSAT Satellite Kit includes everything you need to watch Digital Satellite TV on the move. Each kit includes the QuickSAT flat dish, sturdy lightweight tripod with ground fixings, a QuickSAT elevation and alignment kit, all the necessary leads and connections and optionally a pre-tuned SD or HD satellite receiver.

The product can easily be transported and stowed away in the supplied carry bag and is quite possibly the lightest most portable product currently available on the market,

Please note that it is important to retain your receipt or proof of purchase so that we are able to assist and deal with any enquiries you may have.

QuickSAT is a product and brand name of Falcon Technical Ltd using our patented smart satellite finding technology

For more information on QuickSAT and our products please visit our website:

www.quicksatuk.com

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Package Contents:

Thank you for purchasing QuickSAT, the easy to use touring satellite system. With your purchase you will find the following contents:



A Flat dish



B Tripod & pegs



C Satellite cable



D Elevation meter



E Micro speaker & batteries



F Sat Mat & Compass



G Accessories case



H QuickSAT carry bag



I Instructions & DVD

Additional items only included with the optional SD or HD receiver:



J Receiver & remote control



K Remote eye

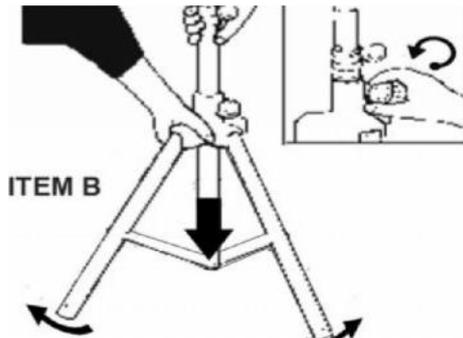


L HDMI or RCA cable

SD receiver includes RCA/SCART cable
HD receiver includes HDMI cable.

Dish Setup:

- 1) Loosen the fixing clamp on the tripod stand and push the legs downwards.
- 2) Extend the feet of the tripod stand as far as they will go for maximum stability
- 3) Ideally the tripod should be placed on reasonably level ground so that the tripod is vertical, **use the ground anchor pegs to secure the tripod** so that it isn't accidentally moved or blown over by the wind.





Do not connect any leads until your satellite dish is firmly on the tripod

4) Using the Sat Mat and compass (Item F) align one of the tripod legs so that it is in the direction of the blue arrow on the mat (FIG 2) and follow the instructions on the Sat Mat.

5) Position and secure the dish to the tripod using the thumbwheel.

6) Once the dish is secured on the tripod it should look like the image (FIG 3) Do not overtighten the thumbwheel at this point as rotation will be required for the final step in tuning



FIG 2

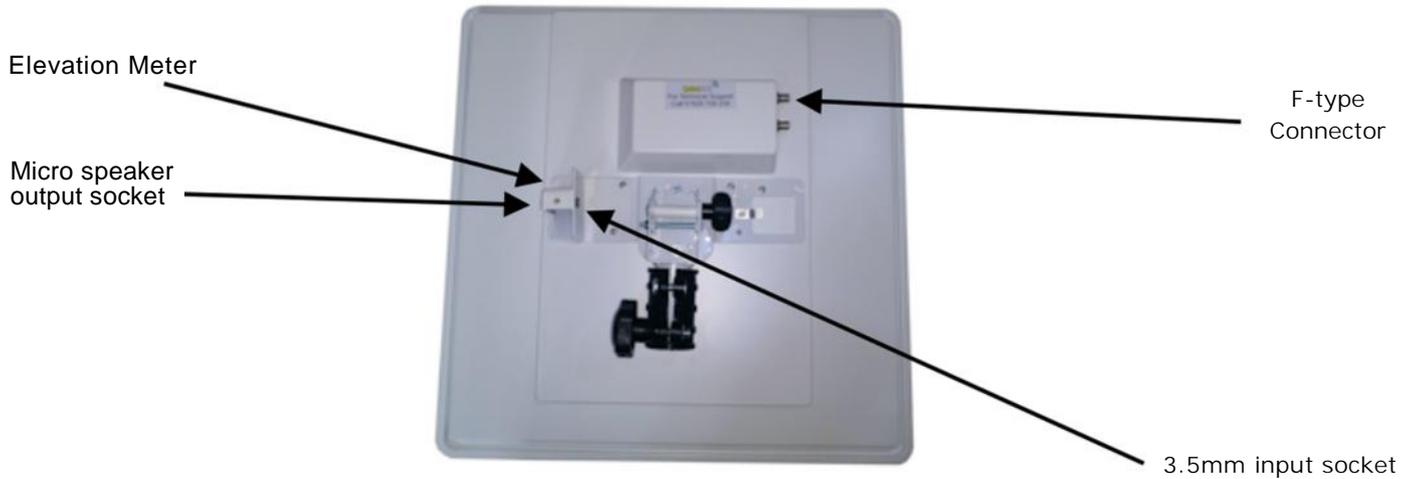


Sat Mat



FIG 3

Dish Connections:



- 7) Connect the push fit F-type connector on the 10 metre dual cable (Item C) to either of the screw sockets on the rear of the dish and the 3.5mm jack plug to the speaker input socket as indicated above.
- 8) Attach the magnetic base of the elevation meter (Item D) to the bracket
- 9) Insert the micro speaker (Item E) in to the output socket located on the side of the bracket



Please ensure the micro speaker has batteries inserted and the switch is set to ON

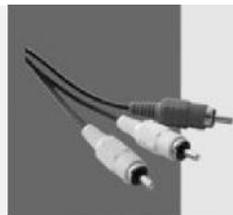
Once you have connected your **QuickSAT dish and positioned the speaker and meter it should look like the image below:**



Connecting your TV or receiver:

NOTE: These instructions show the optional QuickSAT receiver (Item J) but the procedure will be very similar for other FREESAT and SKY set top receivers.

This section takes you through connecting the optional receiver.



Connect the receiver to the TV using the SCART adapter and/or RCA lead (SD receiver) or HDMI cable (HD receiver). Images 1 & 2 below show the SD receiver connected using the SCART adapter.



Image 1



Image 2



Connect the F-type connector on the dual cable (Item C) from the satellite dish to the threaded **LNB Input** socket on the receiver (or LNB input on a TV with integrated receiver)



Locate the headphone socket on your TV and plug in the 3.5mm jack plug from the dual cable (Item C) into it



Connect the receiver to the power supply and position close to the TV.



Please ensure all equipment is switched off before connecting/disconnecting any cables



If using the optional receiver plug the remote eye (Item K) into the receiver (Item J) and position the eye on the front of the TV using the supplied adhesive pad

Power up and tuning:

- 1) Switch on your TV and satellite receiver
- 2) Using your TV remote control select the relevant HDMI, SCART or AV input (depending on the connection used) to view the receiver menu or select the satellite input if using a TV with integrated receiver
- 3) You should now see a 'no signal' or 'bad signal' message
- 4) Using the receivers remote (or TV remote if using a TV with integrated receiver) select BBC 1 (just press the 1 button if using the optional receiver, for other receivers/TVs refer to its own user manual for instructions). The screen will return to the 'No signal' message after a few seconds. You are now ready for the next part of the tuning process.



Note: The optional receiver is pre-tuned to Astra 28 for UK TV, for other satellites and channels please see the receiver user guide



Note: If you are using your own receiver or a TV with integrated receiver you should make sure that it has a channel list before use, if it does not then you should follow the procedure to update the channels while it is connected to a pre-aligned dish.

- 5) If using the optional receiver use the remote control to increase the volume to full
- 6) Using the TV remote increase the volume to full

You are now ready to start the alignment of your dish

- 7) With the dish face starting at vertical slowly tilt the top of dish back until the correct Elevation for your camping location reads on the Elevation meter as demonstrated (Fig 1)

You can get the correct elevation and skew for your location by visiting our website at www.quicksatuk.com/elevation or an app on your smartphone such as Dishpointer or Sat Finder.

Fig 1



Almost finished:

- 8) Tighten the thumbwheel to secure the dish at the correct elevation level
- 9) Now adjust the skew of the dish so that the graduated markings on the rear of the dish match the skew for the location and then tighten the two bolts securing the bracket to the dish.
- 10) With the dish pointing in the same direction as the arrow on the the Sat Mat as shown on the right, slightly tighten the thumbwheel on the tripod (so the dish can still be rotated)
- 11) Slowly rotate the dish from right to left, as you pass over the arrow on the Sat Mat, as you pass over the correct position you will hear sound from the micro speaker, continue to slowly position the dish until the sound is clear
- 12) Fully tighten the thumbwheel
- 13) Your TV should now be displaying BBC 1
- 14) Switch off and remove the micro speaker and elevation meter and store safely
- 15) Turn the volume on your TV down and remove the jack from the headphone socket on your TV and the audio will resume normal operation
- 16) Congratulations! the dish is now perfectly aligned!



Troubleshooting

If you do not hear any sound through the QuickSAT speaker make sure you have the batteries in the speaker the correct way round and that it is turned on, it sounds obvious but it is easy to get wrong. Check all your connections again and make sure that you are plugged into the audio out or headphone out of your TV and not the audio input and that the volume is turned up.

To check the sound from your television to the speaker you can try playing a DVD on your TV and see if you can hear it through the speaker.

A simple test to check that the speaker is working OK and that the batteries are good is to plug the speaker into the headphone output of either your phone or a portable audio device/MP3 player and play some music or video to check you can hear it through the speaker.



Please ensure all equipment is switched off before connecting/disconnecting any cables

Notes for use with SKY boxes



The procedure when using a SKY receiver is broadly the same with a few things to note:

1. Connect the F-type connector on the dual cable (Item C) from the satellite dish to the LNB input on your SKY box.
2. You must ensure your SKY box has a channel list before use, if the box has not been used for a while it may have lost its channel list. We recommend checking this before leaving home. If you do not have a channel list then you should connect the box to an already aligned dish and run a channel search.
3. Due to encryption used by sky it is better to move the dish in staggered movements (at step 10), pausing for a few seconds every degree to allow time for the signal to decode.



For SKY receivers make sure your receiver has a current channel list before use

Notes for use with TVs with an integrated receiver (eg. Falcon Travel TV, Cello Traveller and Avtex DRS range)

The procedure for a TV with an integrated receiver is exactly the same as for a separate receiver, just connect the F-type connector to your TV's LNB/Antenna input and select the correct input on your TV, this may be called Satellite, DVB-S, STV or ATV. Refer to your TV instruction manual for more details.



End of Life Disposal

A. Information on Disposal for Users (private households)



1. In the European Union

Attention **if** you want to dispose of this equipment, please do not use the ordinary dustbin! Used electrical equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment. Following the implementation by member states, private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge. **In** some countries your local retailer may also take back your old product free of charge if you purchase a similar new one. Please contact your local authority for further details. If your used electrical or electronic equipment has batteries or accumulators please dispose of these separately beforehand according to local requirements. By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

2. In other Countries outside the EU

If you wish to discard this product please contact your local authorities and ask for the correct method of disposal. For Switzerland used electrical or electronic equipment can be returned free of charge to the Dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of www.swico.ch

B. Information on Disposal for Business Users

1. In the European Union If the product is for business users and you want to discard it: Please contact your QuickSAT dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling. Small products (and small amounts) may be taken back by your local collection facilities.

2. In other Countries outside the EU If you wish to discard this product please contact your local authorities and ask for the correct method of disposal.



The batteries supplied with this product contains traces of lead.

For EU: The crossed out wheeled bin implies that used batteries should not be put in the general household waste! There is a separate collection system for used batteries to allow proper treatment and recycling in accordance with legislation. Please contact your local authority for details on the collection and recycling schemes.

For other non-EU countries. Please contact your local authority for correct method of disposal of the used battery.

WARRANTY DISCLAIMER

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All QuickSAT products are covered by a 1 year warranty against any hardware defects (ONLY). Any damages or accidental breakages to have been caused by user during installation or at any other time will not be covered under the terms of this agreement.

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