

# QS65 User Manual



**QuickSAT**  
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# 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](http://www.quicksatuk.com)**

## Get in touch

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QuickSAT is a Falcon Brand



## Package Contents:

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



Additional items only included with the optional receiver:

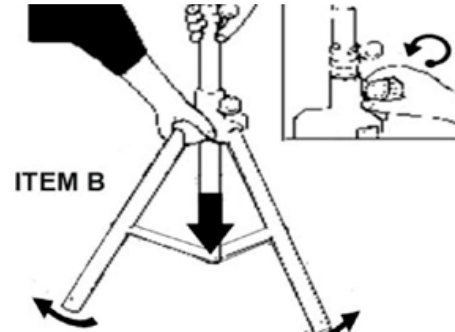


Do not store the elevation meter with the compass as the magnetic base of the meter can affect the compasses accuracy.



## 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.



- 4) Place the compass on the Sat Mat (Item F) and rotate the mat until the red line on the compass lines up with the red line on the mat (FIG 1).

The blue arrow on the mat is now pointing in the direction of the satellite.

- 5) Place the tripod over the mat so that one of the tripod legs is in the direction of the blue arrow on the mat (FIG 2).

**Use the ground anchor pegs to secure the tripod** so that it isn't accidentally moved or blown over by the wind.



Sat Mat



Fig. 1



Fig. 2

- 6) Fit the dish to the tripod and secure using the large thumbwheel on the tripod. Do not overtighten the thumbwheel at this point as rotation will be required for the final step in tuning
- 7) Check that the connectors on the LNB are in a roughly 25 past the clock position (FIG 3). The LNB can be turned in the mounting to adjust the position.
- 8) Once the dish is secured on the tripod it should look like the image (FIG 4)



Fig. 3

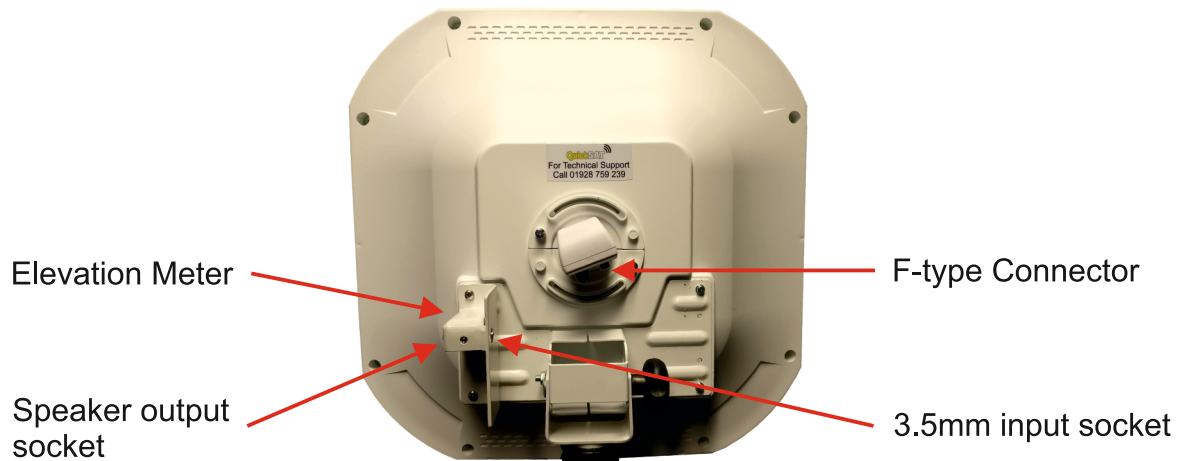


Fig. 4



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

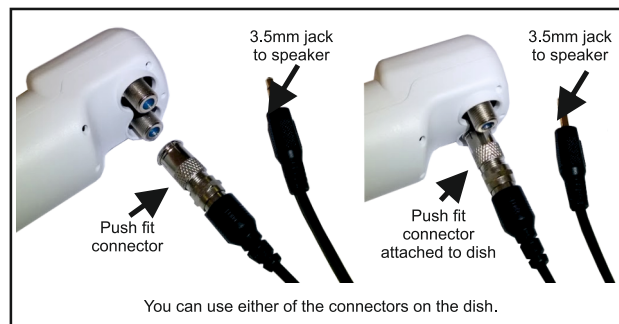
## Dish Connections:



9) 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.

10) Attach the magnetic base of the elevation meter (Item D) to the bracket

11) Insert the micro speaker (Item E) in to the output socket located on the side of the bracket and switch it on.



**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:



Check that your meter is set to degrees!



If the meter is not showing the degrees symbol (°) press the mode button repeatedly until it does.

## Using with a TV that has an integrated satellite receiver

12a) Connect the F-type connector on the dual cable (Item C) from the satellite dish to the TV's LNB/Satellite Antenna input.

12b) Locate the headphone socket on your TV and plug in the 3.5mm jack plug from the dual cable (Item C) into it

12c) Turn the TV on and select the correct input on your TV, this may be called Satellite, DVB-S2, DVB-S, STV or DTV. Refer to your TV instruction manual for more details.

You should now see a 'no signal' or 'bad signal' message

12d) Using the TV remote control select BBC 1 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.



## Using with a separate free-to-air receiver

12a) Connect the receiver to your TV using a HDMI cable, SCART or composite cable as appropriate.

12b) Connect the F-type connector on the dual cable (Item C) from the satellite dish to the LNB **Input** socket on the receiver

12c) Locate the headphone socket on your TV and plug in the 3.5mm jack plug from the dual cable (Item C) into it.

12d) If the receiver has a remote Infrared (IR) eye for the remote control plug it in.

12e) Turn the TV and satellite receiver on and select the correct input on your TV for the connection you have used, eg, HDMI, SCART or AV.

You should now see a 'no signal' or 'bad signal' message

12f) Using the **receivers remote control** select BBC 1 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.



Make sure your TV or receiver is set to the correct satellite, for UK TV this is Astra 28.2E also known as Astra 2, Astra 2 E/F/G or Astra 2 A/B/D

## Using with a SKY+ receiver

*Please note: Sky Q receivers cannot be used with the QS65*

The procedure when using a SKY+ receiver is broadly the same as with a free-to-air receiver with a few things to note:

1. 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.
2. Due to encryption used by sky it is better to move the dish in staggered movements (at step 17), pausing for a few seconds every degree to allow time for the signal to decode.



Make sure your TV or receiver has a current channel list before use

13) Using the TV remote increase the volume to full

**You are now ready to start the alignment of your dish**

14) 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 for your location from the elevation chart at the back of this manual, by visiting [www.dishpointer.com](http://www.dishpointer.com) or by using an app on your smartphone such as Dishpointer or Sat Finder. Make sure you select the correct satellite, eg. Astra 28.2E for UK TV.



Fig. 1

**Almost finished:**

15) Tighten the elevation thumbwheel to secure the dish at the correct elevation level



16) With the dish pointing in the same direction as the blue arrow on the the Sat Mat as shown on the right, slightly tighten the large thumbwheel on the tripod (so the dish can still be rotated)



17) Slowly move the dish from the position of the blue arrow until you hear the sound of the TV program through the mini speaker. Start by moving the dish towards the left in staggered movements, 1 cm at a time pausing for 3 seconds before moving on if you do not hear any sound from the speaker. If you have moved more than 4 times to the left and have not heard any sound from the speaker then return the dish to line up with the blue arrow and try again but this time move to the right.

18) Once you hear sound from the speaker you can fully tighten the large thumbwheel on the tripod.

19) Your TV should now be displaying BBC 1.

20) Switch off and remove the micro speaker and elevation meter and store safely

21) 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

22) Congratulations! the dish is now perfectly aligned! Time for a cup of tea.



## Troubleshooting

1. If you are using a TV alone then it must have a satellite receiver built in and you must have selected the correct source, eg. Satellite or DVB-S (not DVB-T or DVB-C). If you are using a separate receiver make sure you have selected the correct source to view the receivers output, usually HDMI.

2. Make sure you have a channel list loaded into your TV or satellite receiver and a channel is selected (we suggest BBC1).

Some televisions such as the Falcon range allow you to load a preset channel list without having the dish aligned, for others you can do this by connecting to an already aligned dish and run a channel scan. Alternatively the QuickSAT Satellite finder will allow you to position the dish without a preset channel list and then run a scan. This is available on our online shop or call 0800 622 474.

3. Make sure your TV or receiver is set to the correct satellite, for UK TV this is Astra 28.2E also known as Astra 2, Astra 2 E/F/G or Astra 2 A/B/D

4. Make sure the elevation meter is set to degrees (see page 4). If the meter is not showing the degrees symbol (°) press the mode button repeatedly until it does.

5. Check the elevation meter is reading close to 0 when placed on a known level surface. If it does not then follow the re-calibration procedure below.

6. Make sure you have clear line of sight in the direction the dish is pointing, ie. no buildings, vehicles or trees in the way.

7. Check the speaker. Make sure you have the batteries in the 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 on the TV is turned up. If you are using a separate satellite receiver that has its own volume control check that is turned up as well.

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.

Another 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.

8. Check that the compass is pointing in the correct direction. Note: Always store the compass away from the elevation meter as the magnetic base of the meter can affect the compass if the are in close proximity.

## Calibrating the elevation meter

Under normal circumstances the meter should not need calibrating, however the calibration can be checked and if necessary re-calibrated using the following procedure;

1. Turn the meter off and put it on a flat, smooth surface.
2. Press and hold the ON/OFF and HOLD buttons until CAL shows on the display.
3. Keeping the meter still press the HOLD button until CAL1 shows on the display.
4. Rotate the meter by 180 degrees then press the HOLD button until CAL2 shows on the display.
5. When CAL2 disappears the calibration is complete and the LCD will show the current angle.

## Still having trouble?

Call us on 01928 759 239 and will be glad to help.

## Methods for finding the elevation for your location

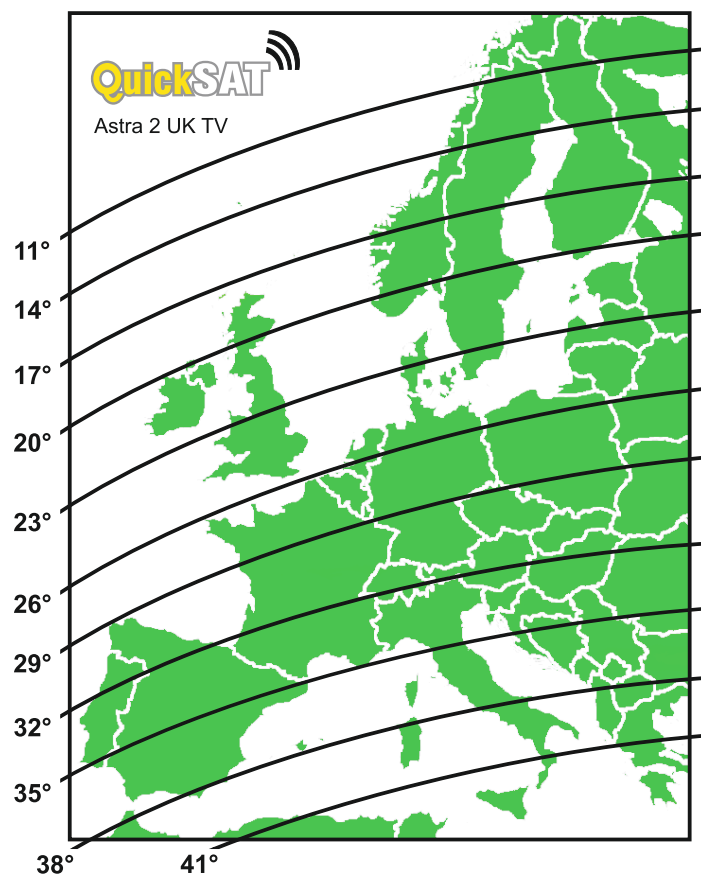
### 1. On your phone or tablet

If you have an iPhone or Android smartphone you can use one of the apps such as “Satfinder” to use the phones GPS receiver to pinpoint your location and tell you the correct elevation.

### 2. On a computer

On a computer visit [www.dishpointer.com](http://www.dishpointer.com) and enter your location and select “28.2E ASTRA 2E | ASTRA 2F | ASTRA 2G” as the satellite.

### 3. Use the elevation map below



### 4. Use the following tables

#### United Kingdom

Town/City	Elevation
ABERDEEN	19.73
BIRMINGHAM	23.86
BRISTOL	24.45
CARDIFF	24.15
CHILWORTH	25.35
EDINBURGH	20.41
GLASGOW	20.11
GOONHILLY	24.53
INVERNESS	18.73
LERWICK	17.4

#### United Kingdom

Town/City	Elevation
LIVERPOOL	22.64
LONDON	25.37
MADLEY	23.86
MANCHESTER	22.84
NEWCASTLE	21.77
PLYMOUTH	24.72
STORNOWAY	17.41
TEDDINGTON	25.77
WINCHESTER	25.3

#### Ireland

BANTRY	21.25
BELFAST	20.5
CORK	21.59
DUBLIN	21.38
LONDONDERRY	19.74

#### Austria

GRAZ	34.45
INNSBRUCK	33.21
SALZBURG	33.16
VIENNA	33.46

#### Belgium

BRUSSELS	27.56
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#### Belarus

BREST	30.25
GOMEL	30
GRODNO	28.56
MINSK	28.45
MOGILEV	28.43
VITEBSK	27.03

Please note that this list is provided as a guide to elevations and does not guarantee you can receive any or all channels at all these locations.



#### Bulgaria

BURGAS	40.93
PLOVDIV	41.21
RUSE	39.41
SOFIA	40.47
STARA ZAGORA	40.96
VARNA	40.16

#### Czech Republic

BRNO	32.46
PRAHA	31.09

#### Denmark

COPENHAGEN	24.97
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#### Finland

HELSINKI	21.67
JOENSUU	19.17
KEMI	15.83
KUOPIO	18.87
OULU	16.64
TAMPERE	20.25
TURKU	21.26
VAASA	18.46

#### France

AJACCIO	37.67
BASTIA	37.17
BIARRITZ	31.66
BORDEAUX	30.95
BREST (F)	26.12
DIJON	31.11
LE HAVRE	30.73
LIMOGES	30.93
LYON	32.53
MARSEILLE	35.06
NICE	35.4
PERPIGNAN	34.47
RAMBOUILLET	28.74
RENNES	27.69
ROUEN	27.65
STRASBOURG	30.89

#### Germany

BADEN-BADEN	30.83
BERLIN	28.38
BONN	28.55
COLOGNE	28.32
DRESDEN	29.97
ERFURT	29.41
FRANKFORT	29.64
GERA	29.75
HAMBURG	26.59

#### Germany

LANGENBERG	27.97
LEIPZIG	29.41
MAINZ	29.62
MUNICH	32.41
ROSTOCK	26.51
STUTTGART	31.13

#### Greece

ATHENS	45.75
KERKYRA	43.36
SALONIKA	42.71
THESSALONIKI	42.71

#### Hungary

BUDAPEST	34.7
DEBRECEN	35.01
GYOR	34.23
MISKOLC	34.29
SZEGED	36.2
TALIANBOROGD	35.06

#### Iceland

REYKJAVIK	7.62
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#### Italy

BARI	41.05
BOLOGNA	36
BRINDISI	41.86
CAGLIARI	40.46
CATANIA	44.39
FIRENZE	36.73
FUCINO	39.23
GENOVA	35.33
MILAN	34.39
NAPLES	40.65

#### Italy

PALERMO	43.16
ROME	39.01
SASSARI	38.76
TORINO	34.2
UDINE	34.97
VENEZIA	35.37

#### Latvia

RIGA	25.14
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#### Lithuania

VILNIUS	27.58
KAUNAS	27.26

#### Luxembourg

DUDELANGE	29.46
BETZDORF	29.32
LUXEMBOURG	29.3

#### Netherlands

AMSTERDAM	26.29
EINDHOVEN	27.37

#### Norway

BERGEN	18.82
BODO	13.56
OSLO	20.38
TROMSO	11.61
TRONDHEIM	16.9

#### Poland

BIALYSTOK	29.09
GDANSK	27.3
KIELCE	31.32
KRAKOW	32.09
LUBLIN	30.99
OLSZTYN	28.18
RADOM	30.76
WARSAW	29.86
WROCLAW	30.54

#### Portugal

FARO	32.86
FUNCHAL	28.85
LAGOS	32.3
LISBON	30.87

#### Romania

ARAD	36.44
BACAU	36.42
BRAILA	37.87
BRASOV	37.39
BUCHAREST	38.79
CONSTANTA	39.07
GALATI	37.67
ORADEA	35.54
PLOIESTI	38.18
SIBIU	37.13
TIMISOARA	36.89
BRATISLAVA	33.66

#### Spain

ALICANTE	36.52
BARCELONA	35.33
BILBAO	31.11
CARTAGENA	36.8
FUERTEVENTURA	33.41

#### Spain

GIBRALTAR	35.21
GRANADA	35.54
LA PALMA	29.9
LANZAROTE	33.49
LAS PALMAS	32.39
MADRID	32.96
MALAGA	35.41
PALMA	37.11
SAN SEBASTIAN	31.57
SANTA CRUZ	31.4
SANTIAGO	28.32
SEVILLA	33.89
VALENCIA	35.58
VALLADOLID	31.45

#### Sweden

BORLANGE	20.66
GOTEBORG	22.86
KIRUNA	13.47
LULEA	15.89
MALMO	25.17
ORNSKOLDSVIK	18.04
STOCKHOLM	22.06
SUNDSVALL	18.83
UMEA	17.7
AGESTA	22.21

#### Switzerland

BASEL	31.84
GENEVA	32.58
LUGANO	33.77
MONTREUX	32.62
ZURICH	32.27

#### Turkey

BURSA	43.51
ISTANBUL	42.53
IZMIT	42.66

#### Ukraine

CHERNOBYL	31.12
KHARKOV	32.17
KHERSON	36.2

#### Yugoslavia

BEOGRAD	37.81
DUBROVNIK	39.71
SARAJEVO	38.47
SPLIT	38.45

Please note that this list is provided as a guide to elevations and does not guarantee you can receive any or all channels at all these locations.



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