
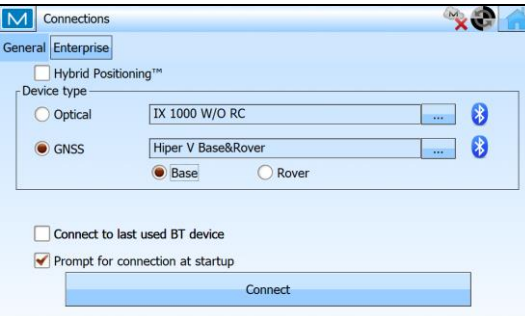
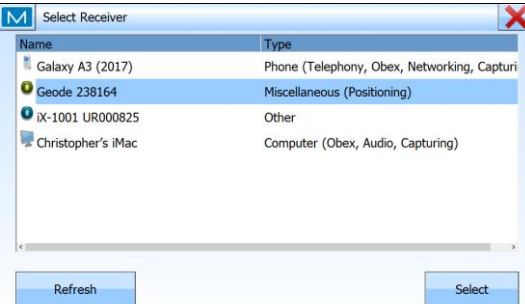



## Topcon Magnet: Base Station Setup in MAGNET Field


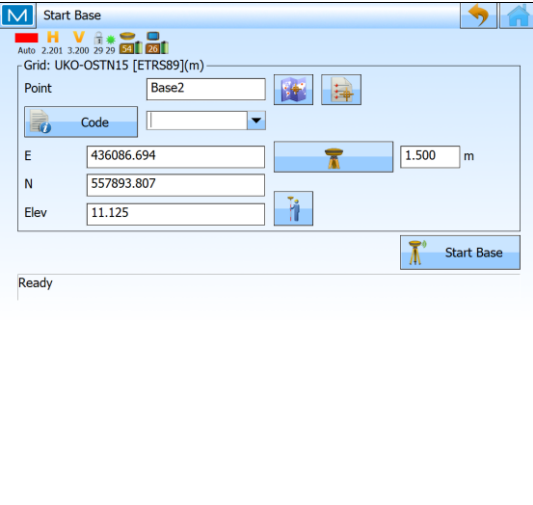


1	 <p>The home screen shows various icons: Job, Configure, Exchange, Chat, Edit, Calculate, Map, Connect, Setup, and Apps. The 'Connect' icon is highlighted with a blue border.</p>	<p>This guide will look at setting up a base station over a point and connecting the rover. The <b>GNSS Configuration</b> you are using needs to be set to <b>RTK</b>. Configurations are covered in another guide.</p> <p>From the home screen, click <b>Connect</b></p>
2	 <p>The 'Connections' screen shows options for 'General' and 'Enterprise'. Under 'Device type', 'GNSS' is selected. The 'Base' radio button is selected, and the device name 'Hiper V Base&amp;Rover' is entered. The 'Connect' button is at the bottom.</p>	<p>Select the <b>Base</b> button and press connect</p> <p><b>N.B. if you are also using a Rover it is advisable to turn it off at this point, so you don't connect to the wrong antenna</b></p>
3	 <p>The 'Select Receiver' screen shows a list of Bluetooth devices. The device 'Hiper V Base&amp;Rover' is selected. The 'Select' button is at the bottom right.</p>	<p>You will see a list of Bluetooth devices found. The name of your Base should be the model followed by the serial number e.g. HIPER V 1143-12345</p> <p>Click the correct device and press <b>Select</b></p> <p>On the next screen untick <b>BT PIN Required</b> and press <b>Connect</b></p>
4	 <p>The home screen is shown again, with the 'Setup' icon now highlighted with a blue border.</p>	<p>You will now be back on the home screen. Click <b>Setup</b></p>

### Sunbelt Rentals Survey

3 Orpheus House, Calleva Park, Aldermaston, Reading, RG7 8TA. 0330 678 0181 Support Number: 01293 565565

sales@sunbeltrentals.co.uk www.sunbeltrentals.co.uk

Registered Office: Sunbelt Rentals Ltd. 100 Cheapside, London EC2V 6DT. Registered No. 444569 England & Wales



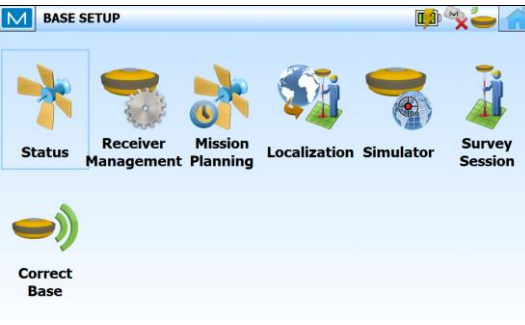
5		Click <b>Start Base</b>
6		<p>Set the <b>Antenna Height</b></p> <p>If you are setting up over a known point stored in the current job, you can type in the name or select from a <b>Map</b> or <b>List</b> by clicking the buttons to the right of the point name. Alternatively, if you know the coordinates of the point, you can type them in manually. When you click start base this point will be saved.</p> <p>The third option is to click the  button to use the current position of the antenna. This is useful if setting up over an unknown point and are collecting static data to postprocess later. Click the <b>M</b> button and <b>Config Radio</b></p>
7		<p>Set the radio settings to whatever is required (this may have already been done when creating the <b>Configuration</b>) and press <b>Get Channels</b></p> <p>Select the broadcast frequency and press <b>Start Radio</b></p> <p>Return to the previous screen and press <b>Start Base</b></p>
8		Your base is now transmitting, the popup will ask if you want to go to rover connection. Say <b>Yes</b>

### Sunbelt Rentals Survey

3 Orpheus House, Calleva Park, Aldermaston, Reading, RG7 8TA. 0330 678 0181 Support Number: 01293 565565

sales@sunbeltsurvey.co.uk www.sunbeltsurvey.co.uk

Registered Office: Sunbelt Rentals Ltd. 100 Cheapside, London EC2V 6DT. Registered No. 444569 England & Wales

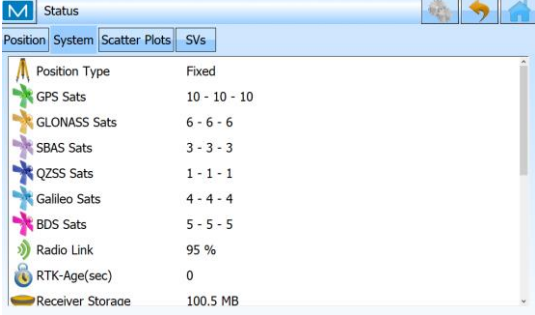
9		<p>Click <b>Connect</b></p> <p>Follow the same process as <b>Step 3</b> but this time select your Rover serial number</p>
10		<p>You should be back on this familiar screen</p> <p>Click <b>Setup</b></p>
11		<p>Click <b>Status</b></p>
12		<p>Click the <b>M</b> button and <b>Config Radio</b></p>

### Sunbelt Rentals Survey

3 Orpheus House, Calleva Park, Aldermaston, Reading, RG7 8TA. 0330 678 0181 Support Number: 01293 565565

sales@sunbeltsurvey.co.uk www.sunbeltsurvey.co.uk

Registered Office: Sunbelt Rentals Ltd. 100 Cheapside, London EC2V 6DT. Registered No. 444569 England & Wales

13		Make sure the radio settings match those used for the base and <b>Start Radio</b>
14		Head back to <b>Status</b> and click the <b>System</b> tab. Hopefully the <b>Radio Link</b> now has a value in it and <b>Position Type</b> is <b>Fixed</b> . If so, you can now start work If not, recheck radio settings and try again

### Sunbelt Rentals Survey

3 Orpheus House, Calleva Park, Aldermaston, Reading, RG7 8TA. 0330 678 0181 Support Number: 01293 565565

sales@sunbeltsurvey.co.uk www.sunbeltsurvey.co.uk

Registered Office: Sunbelt Rentals Ltd. 100 Cheapside, London EC2V 6DT. Registered No. 444569 England & Wales