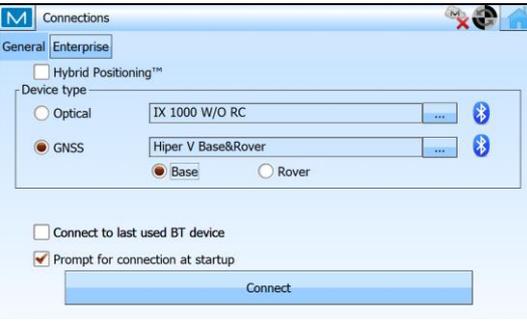
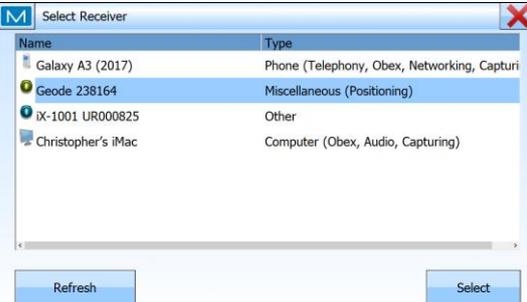


Topcon Magnet: Base Station Setup in MAGNET Field

1		<p>This guide will look at setting up a base station over a point and connecting the rover. The GNSS Configuration you are using needs to be set to RTK. Configurations are covered in another guide.</p> <p>From the home screen, click Connect</p>
2		<p>Select the Base button and press connect</p> <p>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</p>
3		<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 Select</p> <p>On the next screen untick BT PIN Required and press Connect</p>
4		<p>You will now be back on the home screen. Click Setup</p>

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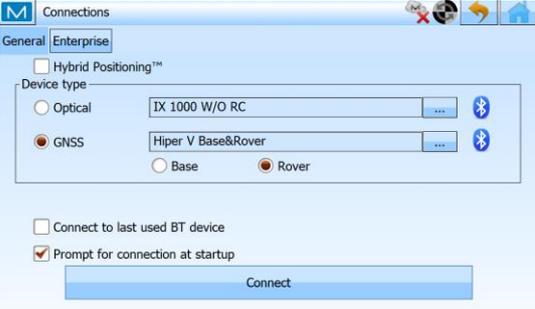
<p>5</p>		<p>Click Start Base</p>
<p>6</p>		<p>Set the Antenna Height If you are setting up over a known point stored in the current job, you can type in the name or select from a Map or List by clicking the buttons to the right of the point name. Alternatively, if you know the coordinates of the point, 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 M button and Config Radio</p>
<p>7</p>		<p>Set the radio settings to whatever is required (this may have already been done when creating the Configuration) and press Get Channels Select the broadcast frequency and press Start Radio Return to the previous screen and press Start Base</p>
<p>8</p>		<p>Your base is now transmitting, the popup will ask if you want to go to rover connection. Say Yes</p>

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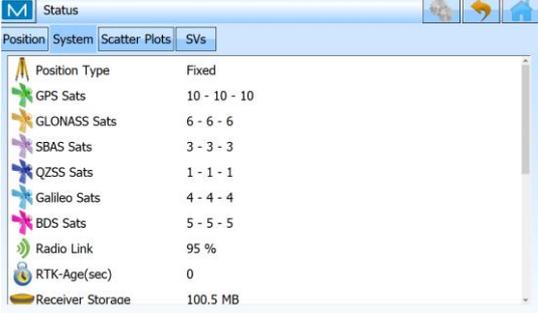
<p>9</p>		<p>Click Connect Follow the same process as Step 3 but this time select your Rover serial number</p>
<p>10</p>		<p>You should be back on this familiar screen Click Setup</p>
<p>11</p>		<p>Click Status</p>
<p>12</p>		<p>Click the M button and Config Radio</p>

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

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