

FAQ concerning the Trimble Ag132

- How can I activate the receiver with the Omnistar signal?
- How can I get the Omnistar serial number?
- How can I see the expiration date?
- How can I see whether the OmniSTAR signal is working?

How can I activate the receiver with the Omnistar signal?

Press the Up and Down key on the front panel simultaneously until you reach the Main Screen (see figure 1).



Figure1: AG132 Main Screen

Press the Right key until you reach: Configuration (see figure 2).



Figure2: Configuration Screen

Press the Down key to Enter.

Press the Right key until you reach: DGPS Config (see figure 3).



Figure 3: DGPS Config Screen

Press the Down key to Enter.

Press the Down key until you reach: CFG: DGPS Mode (see figure 4).

Set the DGPS Mode to: DGPS Auto On/Off by pressing the right key once. A black square will now blink on the screen and you are now able to select DGPS Auto On/Off with the Up and Down key. To store the selection press ENTER ↵.



Figure 4 : DGPS Mode Screen

Press the Down key until you reach: CFG: DGPS Corr Age (see figure 5).

Set the DGPS Corr Age to: 250 second limit by pressing the right key once. A black square will now blink on the screen and you are now able to select the 250 second limit with the Up and Down key. To store the selection press ENTER ↵.



Figure 5: DGPS Corr Age Screen

Press the Down key until you reach: CFG: DGPS Source (see figure 6).

Set the DGPS Source to: Satellite Only by pressing the right key once. A black square will now blink on the screen and you are now able to select the 250-second limit with the Up and Down key. To store the selection press ENTER ↵.



Figure 6: DGPS Source Screen

Press the Down key until you reach: CFG: EZ Sat (see figure 7).

Set the EZ Sat to: Omni* by pressing the right key once. A black square will now blink on the screen and you are now able to select Omni* as the satellite provider with the Up and Down key. By pressing the right key again the black square will go to the next line where you're able to select which OmniSTAR satellite the receiver must use with the Up and Down key. If your location is in Europe or the Middle East select Europe/Mid.East (see figure 7). If your location is in Africa select Africa (see figure 8). To store the selections press ENTER ↵.



Figure 7: EZ Sat Screen for Europe/Mid. East



Figure 8: EZ Sat Screen for Africa

Press the Down key until you reach: CFG: Satellite Freq. (see figure 9).

If your location is in Europe or the Middle East the frequency on the bottom line should be 1535.1525 MHz. If your location is in Africa the frequency should be 1536.2150 MHz. If your receiver does not show the correct frequency then the frequency must be filled in manually following the instructions below.

Press the right key once. The black cursor will now blink on a number. With the Up and Down keys the number can be changed. With the right button the black cursor will go to the next number which can then be changed etc. To store the selection press ENTER ↵.



Figure 9: Satellite frequency Screen

Press the Down key until you reach: CFG: Satellite Baud (see figure 10).

If you selected the frequency 1535.1525 MHz in the previous step the Satellite Baud should be 1200 bps. If you selected the frequency 1536.2150 MHz than the Satellite Baud should be 600 bps. You can change the setting by pressing the right key once. When the cursor blinks you can change the Satellite Baud with the Up and Down key. To store the selection press ENTER ↵.



Figure 10: Satellite Baud Screen

How can I get the Omnistar serial number?

The Omnistar serial number is 4+the last 5 digits of the Receiver serial number.

The Trimble serial number is on the bottom of the receiver and is a number like 0224012345.

So Receiver number e.g. 0224012345 will give the 412345 Omnistar number.

The serial number can also be read from the display following the instructions below.

Press the Up and Down key simultaneously until you reach the Main Screen (see figure 1).

Press the right key until you reach the Status Screen (see figure 11).



Figure 11: Status Screen

Press the Down key to Enter.

Press the right key until you reach the Receiver Status Screen (see figure 12).



Figure12: Receiver Status Screen

Press the Down key to Enter.

Press the Down key until you reach the Serial Number Screen and read out the serial number.

How can I see the expiration date?

Press the Up and Down key on the front panel simultaneously until you reach the Main Screen (see figure 1).

Press the right key until you reach the Status Screen (see figure 11).

Press the Down key to Enter.

Press the right key until you reach the DGPS Status Screen (see figure 13).

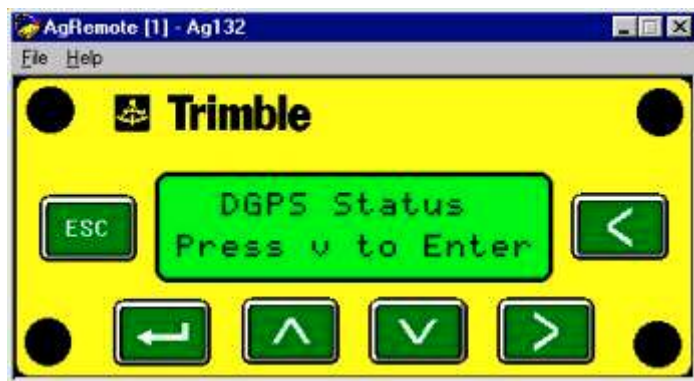


Figure 13: *DGPS Status*

Press the Down key to Enter.

Press the Down key until you reach ↵ Omni* Srv Info (see figure 14).



Figure 14: *Omni* Srv Info Screen*

Press the ENTER ↵ key until you see the Stop date. (see figure 15).

This is the expiry date of the OmniSTAR subscription.



Figure 15: *Stop Date Screen*

How can I see whether the OmniSTAR signal is working?

Press the Up and Down key simultaneously until you reach the Main Screen (*see figure 1*).

The first part of the upper line on the display should be D/3D.

This means that the receiver has a 3D differential position.

The middle part of the bottom line is the frequency of the OmniSTAR satellite signal and this should be 1535.1525 if you are in Europe or the Middle East and 1536.2150 if you are in Africa.

If this is not correct than follow the instructions:

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The last part of the bottom line is the signal to noise ratio. This number should be above 4.