



CONFIGURATION MANUAL

(ENGLISH) (TRANSLATED VERSION)

SBGuidance

WiFi Manager

016-8000-051EN Rev. A







Preface

This installation manual is intended for persons responsible for installing/configuring the SBGuidance WiFi Manager. The manual contains important instructions that should be complied with when commissioning, operating and servicing the SBGuidance system.

This manual has been compiled with the utmost care. SBG Precision Farming assumes no responsibility for any errors or omissions in this document.

Any comments or questions can be sent to service-eu@ravenind.com.

SBG Precision Farming or any of its suppliers will accept no liability for physical or material damage caused whilst using the SBGuidance system.

The installed SBG system produces less than 70dB (A) noise.

This user guide uses a number of concepts for extra attention to a few things:



Tip!:

Provides recommendations on how certain activities can be performed much easier.



Please note!:

Indicates certain problems that the user should take note of.



Caution!:

Indicates that the machine can be damaged.



Warning!:

Indicates a risk of injury.

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Disclaimer


-  **Warning!**
Always switch off the tractor before installing or repairing hydraulic and electrical components of the SBGuidance system.


-  **Warning!**
The safety instructions contained in the manuals of the tractor or implements must be complied with at all times.


-  **Warning!**
It is strictly prohibited to use the SBGuidance system on public roads.


-  **Warning!**
It is strictly prohibited to leave a driving vehicle unattended when the SBGuidance system is switched on. The driver is always responsible for the direction and course of the vehicle.

-  **Warning!**
To prevent injury or fire, replace defective fuses only with fuses of the same type and amperage.

-  **Warning!**
The SBGuidance the operating system is not able to detect and avoid obstacles. If there is an obstacle in your path, you will always need to take action for it to be avoided.

-  **Warning!**
Only allow authorized/qualified persons to operate the system. Authorized/qualified persons are defined as: persons who have read and understood the manual, have been given instructions by a product specialist, and who are both physically and mentally fit and able to operate the system.

-  **Warning!**
In case of system failure or breakdown switch of the tractor and disconnect the electrical power source to avoid further damage. Contact your dealer for further instructions on how to repair your system.

-  **Warning!**
The system contains moving parts! Make sure the immediate environment is clear of people before operating the system.



Warning!

Always wear personal protective equipment when operating/adjusting/repairing the system outside of the tractor cab.



Caution!

In order to prevent power surges from occurring, always start the machine first, before initiating the SBGuidance control system.



Caution!

Only touch the touch-screen with your finger or by using a special touch-screen stylus/pen. Operating the touch-screen with sharp objects may cause permanent damage to the screen.



Caution!

Always consult your supplier as to which products are best suited first before cleaning the touch-screen with chemicals or alcohol.



Please note!

If the terminal is not used for a long period, better remove the terminal from the tractor and store in a heated environment. This will extend the life span of the electronic components.



Please note!

To prevent theft, it is better to not let the terminal and GPS-antenna unattended in the tractor on the field.



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1. Configuration GeoStar 200/250

Follow the following steps to install a WiFi Manager on a GeoStar terminal.

Download the WiFi Manager from the SBG website under Dealer > Software. Put the WiFi Manager installer, the *SBG_install_wifi_package.cmd* and the map *drivers* directly on a USB stick (Figure 1).

Connect the WiFi dongle (Figure 2) to the 17-pin plug, see Figure 3 and Figure 4. Part number of WiFi dongle: 11158000089

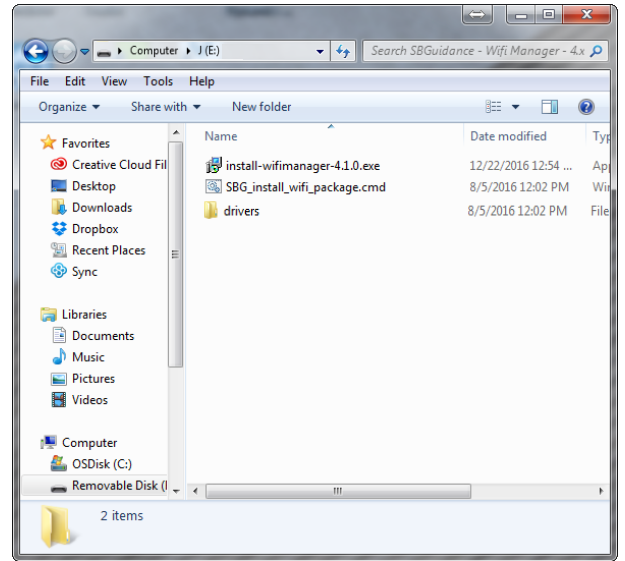


Figure 1 Files for installing the WiFi Manager.

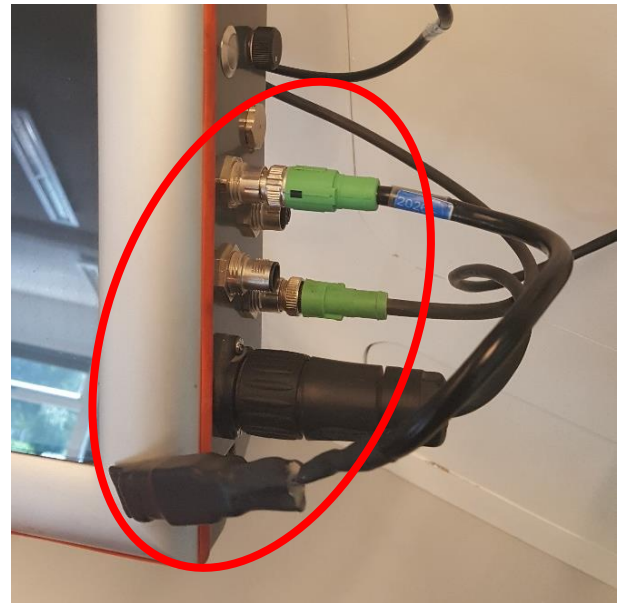


Figure 2 WiFi dongle.

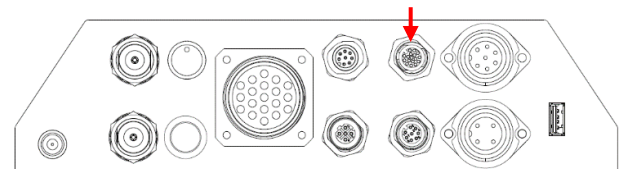


Figure 3 GeoStar 200.

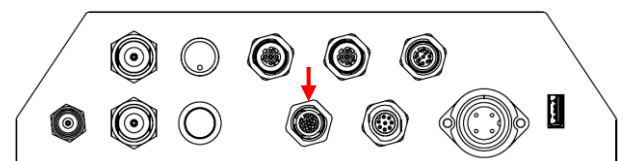


Figure 4 GeoStar 250.



Reboot the terminal. The hardware update wizard will appear on the terminal (Figure 5). Press on "Cancel" and press ALT + SBGuidance to start Windows Explorer. Navigate to the USB flash drive. Double-click the SBG_install_wifi_package.cmd file. A new screen will open with the text "Installing drivers in silent mode now...". The installation procedure will take a few minutes, then the terminal will automatically restart.

If it takes longer than five minutes, check if the "Hardware Update Wizard" is closed and try to install SBG_install_wifi_package.cmd again.



Figure 5 Hardware Update Wizard.

Go to the USB flash drive again. Double-click the WiFi Manager installer file and follow the installation procedure of the WiFi Manager.

To make the WiFi Manager visible in the SBGuidance Loader press CTRL + SBGuidance. Go to Applications and press on auto-detect (Figure 6). Make sure a checkmark is behind the WiFi Manager. Save the changes by pressing the diskette button. The WiFi Manager button is now visible in the SBGuidance Loader (Figure 7).

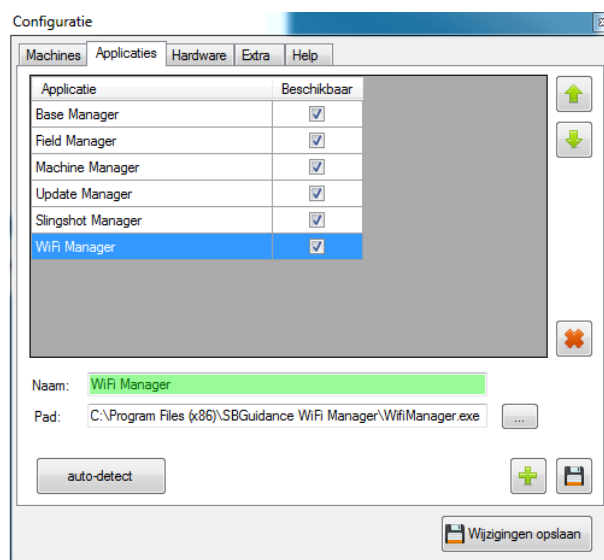


Figure 6 Configuration of visibility WiFi Manager in the SBGuidance Loader.

The Wifi Manager is now installed and ready to use. The WiFi Manager User Manual (016-8000-006EN) can be found on the SBG website at Downloads > User Manuals.

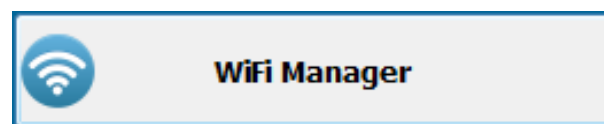


Figure 7 WiFi Manager button in the SBGuidance Loader.



2. Configuration Viper 4

Follow the next steps to install the WiFi Manager on a Viper 4 terminal.

Download the WiFi Manager from the SBG website at Dealer > Software. Put the WiFi Manager installer on a USB stick. You do not need any additional install files, like with a GeoStar 200/250 terminal.

Press ALT + SBGuidance to start Windows Explorer and go to the USB flash drive. Double-click the WiFi Manager installer. Follow the installation procedure of the WiFi Manager.

To make the WiFi Manager visible in the SBGuidance Loader press CTRL + SBGuidance. Go to Applications and press on auto-detect (Figure 6). Make sure a checkmark is behind the WiFi Manager. Save the changes by pressing the diskette button. The WiFi Manager button is now visible in the SBGuidance Loader (Figure 7).