

AgGPS® 170 Field Computer Autopilot Option

Frequently Asked Questions and Answers

What is the AgGPS 170 Field Computer Autopilot option?

The AgGPS 170 Field Computer Autopilot Option is a top-of-the-line automated steering product that provides the graphical display, mapping, application coverage logging, and record-keeping features of the AgGPS 170 Field Computer with the precision steering of AgGPS Autopilot.

What benefits does the AgGPS 170 Field Computer Autopilot option provide?

AgGPS 170 Field Computer Autopilot Option provides all the benefits of a standard Autopilot system:

- provides the ability to drive straight rows all day
- ensures minimum overlaps to save time and money
- allows operators more time for infield applications such as listing, planting, and cultivation
- allows extended hours of operation
- reduces driver fatigue

In addition to all of these benefits, the AgGPS 170 Field Computer also provides the following benefits:

- perform multiple applications at the same time, for example, planting and topographic mapping
- alarms when entering hazard zones
- color display
- importation of pre-defined swath lines, background layers, and images
- sophisticated record-keeping—ideal for automating customer billing, communications with environmental authorities, and GIS data analysis
- re-use the AgGPS 170 Field Computer and RTK GPS to do automated leveling



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What other applications can I use the AgGPS 170 Field Computer Autopilot option for?

The AgGPS 170 Field Computer option for Autopilot allows you to perform these applications:

- field boundary mapping
- feature mapping (i.e. tile mapping)
- topographic mapping
- variable rate control
- tree planting using the remote outputs
- sensor logging (i.e. weather sensor or EM sensor)

For more information, refer to the AgGPS 170 Field Computer Datasheet and AgGPS 170 Field Computer FAQ from www.trimble.com/aggps170.html.

What is the AgGPS 170 Field Computer Autopilot option made up of?

The AgGPS 170 Field Computer is an option for an AgGPS Autopilot Lightbar Only (LBO) system. The complete system includes:

- AgGPS 170 Field Computer and junction box
- AgGPS 21A lightbar
- Remote keypad
- AgGPS Autopilot navigation controller and hydraulics
- AgGPS receiver
- Cabling and documentation

What documentation is provided for AgGPS 170 Field Computer Autopilot option?

The Autopilot LBO system is supplied with a Quick Reference Card.

The Trimble AgGPS Receivers are provided with an Operation Manual.

The AgGPS 170 Field Computer is provided with:

- Quick Reference Card
- 60 page Quick Reference Guide
- Full HTML reference manual on CD-ROM
- Built-in product Help
- Autopilot Option addendum (downloadable from www.trimble.com/support.html)



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Can I upgrade my existing AgGPS Autopilot system to AgGPS 170 Field Computer Autopilot option?

Yes, the AgGPS 170 Field Computer is an option for the AgGPS Autopilot LBO system. If you already have an AgGPS Autopilot LBO system, you just need to purchase the AgGPS 170 Field Computer and connect it using the existing cabling.

If you have an existing AgGPS Autopilot system with an NT300 and RDL, you can purchase a conversion kit that lets you to connect the AgGPS 170 Field Computer to replace the NT300 and RDL.

Can I upgrade my AgGPS 170 Field Computer to AgGPS Autopilot?

Yes, if you already have an AgGPS 170 Field Computer, you can purchase an AgGPS Autopilot LBO system and connect it to your AgGPS 170 Field Computer.



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