

AG-392

GNSS Receiver and Guidance Controller

The AG-392 guidance controller is our most advanced GNSS receiver to date, built for maximum uptime and a wide range of accuracy options from basic to high precision. It is designed to mount on the roof of CNHi agricultural vehicles equipped with a factory CNHi display (Case IH: Pro700, New Holland: Intelliview IV, and Steyr: S-TECH 700) to provide positioning and guidance.



Key Features

- CNHi OEM Display Compatible
- Full range of correction signals including GPS, GLONASS, Galileo, Beidou, and QZSS constellations
- Built-in Bluetooth for device connections

Expanded GNSS

This new guidance controller features our most powerful GNSS engine. With full GNSS constellation support, it tracks more satellites, leading to more robust performance in harsh environments and also faster RTX convergence times.

Guidance	
Electric	Autopilot™ Motor Drive, EZ-Pilot® Pro
Guidance Ready	CANBus J1939
Hydraulic	External NavController III Autopilot
Housing & Mechanical	
Housing Material	Low-profile, chemical-resistant polymer casing with UV-resistant paint
Size	213 x 213 x 80 mm (8.39 x 8.39 x 3.15 in)
Weight	1.2 kgs (2.6lbs)
Mounts	OEM compatible
Connectors	
Not Used	M12 4-pin connector
To External Radio	M12 5-pin connector
For I/O	Deutsch 12-pin connector
Communication and I/O	
Bluetooth®	Bluetooth 4.1
Serial Ports	3*
CAN Ports	2*
Digital Out	Sonalert
Analogue In	Remote Engage
NMEA Output	1, 5, 10, Hz
Inertial Measurement Unit (IMU)	
Gyroscope	3-axis, 200 Hz
Accelerometer	3-axis, 200 Hz

Operational Range	
Operating Temperature	-30 °C - 70 °C (-22 °F - 158 °F)
Storage Temperature	-40 °C - 85 °C (-40 °F - 185 °F)
Humidity	up to 100%, condensing
Ingress Protection	IP66, dustproof, waterproof, IPx9K
GNSS Receiver Specifications	
Constellations	GPS: L1 C/A, L1C, L2E, L2C, L5
	GLONASS: L1 C/A, L1P, L2P, L2 C/A, L3 CDMA
	Galileo: E1, E5A, E5B, E5AltBOC
	BeiDou: B1C, B1I, B2I, B2A
	QZSS: L1 C/A, L2C, L5
Satellite Corrections	CenterPoint® RTX Fast, CenterPoint RTX
	RangePoint® RTX
	SBAS (WAAS, EGNOS, MSAS)
	xFill®, xFill Premium No OmniSTAR Support
Land-Based Corrections	RTK
	CenterPoint VRS
Correction Formats	CMR+, sCMR+, sCMR+ with SecureRTK, CMRx, RTCM 3.0, RTCM 3.1, RTCM 3.2
Power	
Power	9 - 16 VDC, 5.5 W 17.5 W with external accessories connected
Output Power	12 VDC, 12 W Maximum current for external radio: 1 A

* Indicates total number of ports and some may be required for specific features and functions.

** When using in Autoguidance with the CNHi display, the internal IMU is not being used.

The system is using the IMU from the NavController III. But while using Autopilot Motor Drive (APMD) or EZ-Pilot Pro (EZPP), the system is using the internal IMU.

Contact your local PTx dealer today



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