



*Aren't you tired
of twisting knobs?*

FAA Certified Speech Recognition for Garmin GNS 430W / 530W

The first FAA-certified speech recognition system for pilots, the VFS101, is now available! This revolutionary product allows the pilot to enter waypoints into a Garmin GNS 430W or 530W up to ten times faster than is possible using conventional GPS controls.

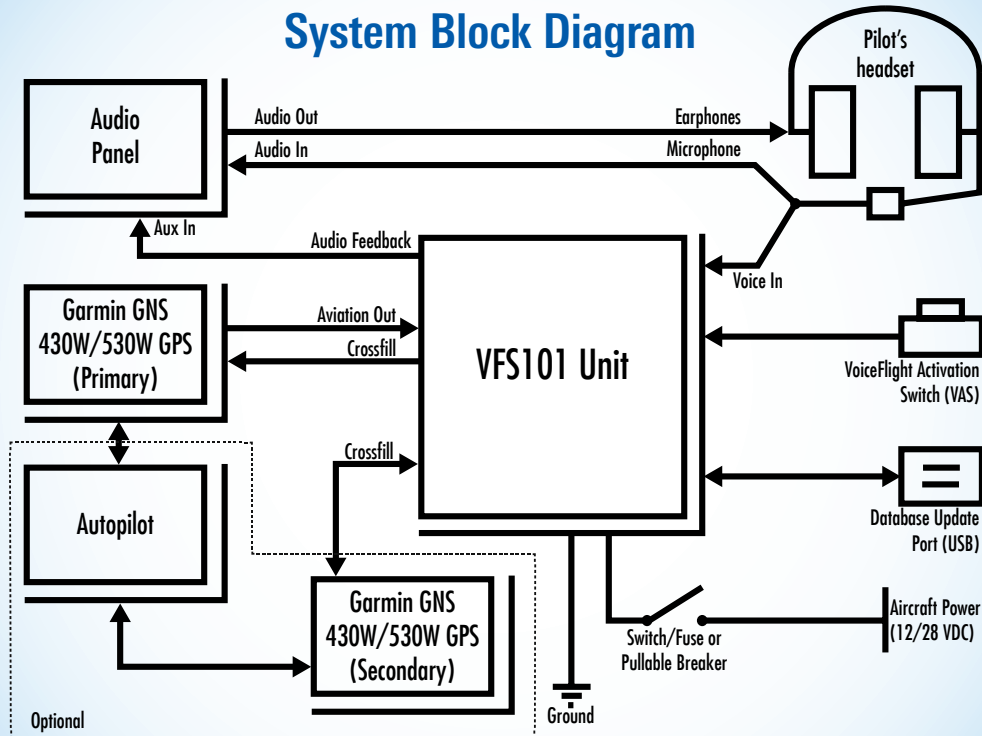
In addition to active flight plan operations, Direct-To navigation can be initiated in seconds. The VFS101 significantly reduces pilot workload and the dangerous distraction of GPS data entry.

The VFS101 automatically expands Victor Airways, a feature not previously available for the GNS 430W or 530W. Optional airway compression expands only those waypoints needed to correctly navigate the airway.

For further information, including a compelling video demonstration of the VFS101 please visit our website at <http://www.voiceflight.com>.

- Highly effective speech interface for Garmin GNS 430W & 530W
- Enter waypoints up to ten times faster than manual entry methods
- Eliminates dangerous "head down" time
- First certified speech recognition system
- Accurate and instantaneous recognition
- Solves the problems associated with manual data entry in turbulence
- Victor Airways are automatically expanded
- Option to omit airway waypoints where no turn is required
- Saves significant tarmac time while entering long flight plans
- Minimizes the pain of ATC re-routes
- Robust speaker independent recognition
- Cost effective GPS upgrade

System Block Diagram



Mounting Options

The VFS101 can be mounted behind the instrument panel or in the avionics stack, depending on available space. The USB jack does not need to be accessible in flight.

Navigation Updates

The VFS101 waypoint database should be updated in concert with GPS navigation data-card updates. VFS101 database updates are readily available on the VoiceFlight website.

Specifications

Specification	Value
Weight	0.75 Lbs. (0.34 kg)
Overall Dimensions	Length: 5.44 in. (138.2 mm) Width: 3.24 in. (82.2 mm) Height: 0.95 in. (24.13 mm)
Power Requirements	14 – 28V DC nominal @ less than 1 Ampere
Temperature (operating)	-68° F - +131° F (-20° C - +55° C)
Temperature (storage)	-131° F - +185° F (-55° C - +85° C)
Maximum Altitude	25,000 ft (8202 m)
Audio Input	Impedance: 18K Ohms minimum
Audio Output	Power: 40 mW minimum into a 600 Ohm load

Capabilities

- Navigate Direct-To a specified waypoint
- Insert or delete active flight plan waypoints
- Enter and expand Victor Airways
- Clear the entire flight plan
- Erase a waypoint, or all waypoints beyond a selected location (e.g. for ATC re-route)

Examples

- "BRAVO OSCAR SIERRA ENTER"
- "VICTOR THREE ENTER"
- "PAPA BRAVO INDIA ENTER"
- "DIRECT ALPHA LIMA BRAVO ACTIVATE"
- "START NEW FLIGHT PLAN"

Warranty

VoiceFlight Systems LLC warrants its new products and parts against defects in material and / or workmanship for two years from the date of purchase. See the VFS101 Pilots Guide for additional warranty information.

Contact Information

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