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GARMIN   ☰

FREE GROUND SHIPPING ON ORDERS $25 AND UP

AVIATION
DISCONTINUED

G500

PART NUMBER: 010-0G500-00

$15,995.00 USD

FIND A DEALER

List price quoted is MSRP and actual price is determined by the dealer. Price is shown without installation cost, additional parts may be required. For more complete pricing information, including installation cost, please contact an authorized Garmin aviation dealer.

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OVERVIEW

SPECS

Display
- Dual 6.5" diagonal color LCD
- RGB backlighting technology
- High resolution 640 x 480 VGA (921,600 RGB dots)
- 65,536 simultaneous colors
- Direct sunlight readable
- Auto, manual or lighting bus inputs for dimming

Physical
- 6.7" high
- 10" wide
- 3.25" deep
- 6.4 lbs

Electrical
- 10-40 VDC, reverse polarity protected
- 55 W typical

Environmental
- -20C to +55C operating temp
- -55C to +85C storage temp
- 2 degrees C per minute temp variation
- 95% at 50C humidity
- Display equipment tested to 55,000 ft max altitude
- Internal cooling, external cooling not required

System Architecture
- Position source: External GPS via RS-232
- GPS interface for Garmin GTN 750/650 series and GNS 400W/500W series
- Nav radio interfaces: GTN series, GNS 430W/530W/480 or SL30
- 8 bi-directional high speed RS-232 ports
- 2 bi-directional high speed RS-422/485 ports
- 8 ARINC 429 high/low speed inputs and 4 outputs
- ADF DC Sin/Cos input
- Radar interface:
  - GWX 68 and GWX 70 (LRU sold separately)
    - Optional interface required for G500; standard interface included for G600

  - ARINC 708 support is optionally available for select GA radars
    - Optional interface required for G500/G600
    - Check with your Garmin dealer for radar compatibility

- Autopilot interfaces
  - Heading/course error outputs
  - Analog lateral and vertical deviation outputs
  - ARINC 429 digital roll steering support
  - RS-485 digital altitude capture
  - Analog flight director input
  - Selected autopilot flight directors

- GAD 43 adapter (standard on G600; optional on G500) enables AHRS to drive select autopilot systems. Supports the following gyro emulation:
  - Approved gyro replacement for: King KI-256 (or equivalent) used on KAP 100, KAP/KFC 150, KAP/KFC 200, KFC 225, and KFC 275; Collins 332D-11T used on select APS-65 installations; King KVG 350 used on KFC 250, KFC 300, KFC 325; Century 21, 31, 41 and 2000

- GAD 43e adapter provides the same autopilot compatibilities as the GAD 43, as well as the following functionality and compatibilities:
  - Altitude Preselector with Collins APS-65; KAP/KFC 150; KFC 275/325; S-TEC 55X, 60-2, 65, PSS
  - Vertical Speed Controller with KAP/KFC 150; KFC 275/325; S-TEC 55X, 60-2, 65, PSS
  - Dual analog VOR/LOC/GS input
  - Analog radar altitude input
  - DME distance input
  - Marker beacon lamp input
  - Synchro ADF input (ARINC 407)

Certification

- STC via Approved Model List (AML) for nearly 800 airframes with G600 and nearly 600 airframes with G500
- G500 is approved for Class 1/Class 2 aircraft (under 6,000 lbs). G600 is approved for Class 1, Class 2 and Class 3 aircraft (including piston and turbine aircraft between 6,000 lbs and 12,500 lbs MTOW)
- TSO-C2d, TSO-C3d, TSO-C4c, TSO-C6d, TSO-C8d, TSO-C10b, TSO-C34e, TSO-C36e, TSO-C40c, TSO-C41d, TSO-C43c, TSO-C52b, TSO-C63c, TSO-C87, TSO-C113, TSO-C147, TSO-C151b (G600 only)

Price, features and specifications subject to change without notice. Some listed features require Version 5.0 software upgrade.

IN THE BOX

INTERFACES

ACCESSORIES

Related

Manuals

Software

Support Center

G500/G600 Demo Dealers

PC Trainer

Compatible Products

SVT™ for G600/G500

GTN™ 750

$17,200.00 USD

GTS™ 800 TAS

$9,995.00 USD

You May Also Like

GMA™ 350

$2,095.00 USD