

GUARDIAN AVIONICS – AVIDYNE

GUARDIAN SMARTLINK 851 FLIGHT DATA RECORDER CO DETECTOR



The smartLink 851 is a Flight Data Recorder, CO Detector, USB Power Supply (dual 2.7 amp) and AHRS that works with the Guardian Avionics smartPlane system. This unit is remote mounted behind the panel or on a smartPlane iPad mount to save space in smaller panels. The smartLink 851 communicates with the smartMFD iOS app via a USB connection or Bluetooth connection.

NORSEE Approved Remote Mounted Flight Data Recorder, CO Detector, USB Power Supply, and AHRS with Bluetooth and USB Connection.

Specifications:

- 2 USB Smart Chargers 5.1 VDC @ 2 Amps
- 3 Bluetooth connections
- 2 RS232 serial outputs
- 5 RS232 serial inputs
- 5 Amp circuit breaker
- Built-in CO detector
- 26-pin high-density connector (for image see Images section above)
- Temperature range: -20 degrees Celsius to 70 degrees Celsius
- Humidity range: 5% to 95% RH (non-condensating)
- Input power 14/28 VDC
- Built-in pressure sensor provides cabin pressure altitude warnings at 10K, 12.5K, and 14K feet
- Built-in temperature sensor
- Audible tone to headset
- Dimensions (approximate - inches): 5.75"L x 1.3"H x 4.25"W
- Weight: 8 oz.P/N 13-20703

FREEFLIGHT RANGR ADS-B SYSTEM



The FreeFlight Systems RANGR 978 Transceiver Lite comes an all-inclusive package - a rule-compliant ADS-B Out solution for those operating at FL180 and below with the added benefit of ADS-B In weather and traffic data. It automatically synchronizes with legacy transponders without the need for additional pilot interaction. The XVRL is a low cost, lightweight, installed system for rule compliance - without sacrificing performance. All the necessary components for installation are included, no fine print. STC approved in accordance with AC 20-165A, AC 20-172A ADS-B out only.P/N 11-13892

AVIDYNE SKYTRAX AXP322 REMOTE MOUNT ADS-B TRANSPONDER



When you equip your IFD-equipped aircraft with Avidyne's AXP322 Remote-Mount Mode S Transponder, you'll be flying with the knowledge that all ADS-B equipped aircraft will be aware of your ground track, ground speed and altitude.

The remote-mounted Avidyne AXP322 meets FAA requirements for the latest Version 2 1090 MHz Automatic Dependent Surveillance Broadcast (ADS-B) Extended Squitter when coupled to any Avidyne IFD. P/N 11-19592

AVIDYNE IFD440 NAVIGATOR



Avidyne's IFD440 provides a plug-n-play touchscreen FMS/GPS/NAV/COM upgrade for GNS-equipped aircraft. Easy to use, easy to install, the IFD440 features all the power and capabilities of a next-generation panel mounted navigator, while utilizing the same tray and connectors as your GNS430.

Compact and powerful, the IFD440 is an excellent choice for general aviation and helicopters with Avidyne's easy-to-use touchscreen interface and knobs and buttons when flying through turbulence. This next-generation panel-mounted navigator also makes flight planning and in-flight changes even easier because the included WiFi/Bluetooth® capabilities work seamlessly with your iPad. You'll have big glass capabilities for a fraction of the cost.

Slide-In UnitP/N 11-19625

New Install Unit with TrayP/N 11-19626

AVIDYNE IFD540 NAVIGATOR



Avidyne's IFD Series of navigators feature the most intuitive Flight Management System in an easy-to-use, yet powerful design. The IFD540 is everything a pilot could want in an FMS/GPS/COM Navigator. It's award-winning Page & Tab user interface eliminates nested menus, allowing you to go to any page in two clicks or less. Its innovative Hybrid Touch allows pilots to perform virtually all functions using its knobs and buttons, or via the versatile touch screen interface—giving you the choice based on user preference. The IFD540 has FMS Preview that lets you easily create, upload and review your flight plans visually with changes shown on the screen before selection plus in-flight changes are a snap because of our patented GeoFill™ predicts your next entry based on your location, not the sequence in the database.

The IFD540 amps up your situational awareness with exocentric Synthetic Vision which provides you with an enhanced "VFR-Like" view of what's in front of your aircraft displaying 3D terrain with hazard alerting, obstacles, and nearby traffic. Everything you need to see on a bright, easy-to-view 5.7" touchscreen.

Slide-In UnitP/N 11-19632

New Install Unit with TrayP/N 11-19634

AVIDYNE SKYTRAX 200 DUAL-BAND ADS-B RECEIVER



SkyTrax200 includes dual-band (1090 MHz and 978 MHz) ADS-B and is also capable of receiving the traffic output from active traffic systems such as the Avidyne SkyTrax600, TAS600 series, Ryan 9900BX, or a legacy Skywatch™ system and combines it with other incoming data presenting you with an integrated view of dual-band ADS-B, TAS, and ATC radar traffic.

The Avidyne SkyTrax200's weather and dual-band traffic can be displayed on Avidyne's IFD-Series GPS/NAV/COMs, Multi-Function displays (MFD) or Entegra R9 integrated flight deck systems and supports standard Capstone and Arinc 429/735 interfaces.

P/N 11-19587

PLEASE VISIT OUR WEBSITE FOR COMPLETE SELECTION OF AVIDYNE PRODUCTS.