MGL AVIONICS

SW AVIONICS V6 VHF AVIATION RADIO TRANSCEIVER

Based on the digital technology intruduced in the V10, the V6 provides the same powerful 6W transmitter and modulation system. Designed for 25Khz spacing with 8.33Khz compatible operation selectable, the dual scan receiver boasts the fastest scanning time which means no loss of reception quality during receive of the standby channel. 100 channel storage and channel operating mode compatible with the V10. Four place, dual circuit intercom system with full isolate. Each intercom microphone input has its own level control and VOGAD noise suppression system. Dual PTT inputs. Black box flight recorder audio output............P/N 11-10464 .... ---

MGL AVIONICS XTREME MINI EFIS

The XTreme EFIS is a mini-EFIS unit based on a 4.3" sunlight readable, wide viewing angle, high resolution LCD display. It integrates an SD card reader (for software updates and for flight data recorder), 5 function buttons, a rotary control and a basic GPS navigator (functions available in future firmware release). It can be connected to standard MGL Avionics AHRS sensors and RDAC (engine monitor) boxes. It also integrates a CAN Aerospace compatible communications interface that will be used with future versions of MGL Avionics sensors. Standard RS-232 ports are also available. The XTreme is designed to fit a standard 3 1/8" round instrument hole........P/N 11-08757 .... ---

MGL V16 VHF AVIATION RADIO TRANSCEIVER

The V16 Com Radio is the latest generation and a new family of RF products by MGL Avionics. Launched in 2018 in the US, the V16 is the first in a new ecosystem of Com Radios, Nav Radios and controllers. **Note**: This radio is non-TSO'd and is for use in Experimental and light-sport aircraft and aircraft not having a Type Certificate prohibiting the use of non-TSO'd radios and equipment. **Features**: Modular Design: The V16 is a split design remote-mount Com Radio that is controlled via a separate controller/EFIS...P/N 11-16597 .... ---

HIGH ACCURACY CURRENT SENSORS

The ME CS-6AB & ME CS-6CB is easy to install using just shrink tubing and zip-ties, and is compatible with any display device expecting 0-5v current sensor input. It is easy to calibrate using a simple process that yields exceptional accuracy. Basic version designed to be operated with Engine or Flight monitoring systems that provide 5 volts to supply external sensors and accept a 0-5v input with zero current being at 2.5 volts. No input voltage protection beyond 30v, wire with caution.
7-30V ....P/N 11-13992 .... ---

ELECTRONIC CIRCUIT BREAKER MODULE ECB

The ECB module provides 8 electronic circuit breakers. All breakers have the same characteristics: DC current up to 10A (programmable via dipswitch profile selection) or via an external device. Suitable for 12V or 24V DC aircraft power systems. Highly reliable, fault tolerant design – continues to operate even in case of total internal electronics failure. Electronic Circuit Breaker Light & Switch Kit ....P/N 11-13635 .... ---

MGL AVIONICS SERVO

MGL Avionics Servo with a generic hardware and pushrod kit...........................P/N 11-10423 .... ---

MGF SPORT MOUNT PANEL TILT & SWIVEL - FLUSH

The Sport Mount - Panel Flush is for pilots who want to mount any size iPad or Tablet in any size or type of case on their panel in an open instrument spot or other smooth surface. This mount comes with a Sport™ Adapter mounting system...P/N 13-12429 .... ---

MGL WIFI GATEWAY

In addition to making flight planning easier on the iEFIS, the iEFIS Gateway adds another party trick in the way of wirelessly accepting information from GDL 90 compatible WiFi ADS-B Receivers like the Stratus 3 or Stratux, and repeating it to the iEFIS. This means that if you already have a device such as the echoUAT connected to your iEFIS, it's easy to replace that connection with the iEFIS Gateway, then connect the Gateway to the echoUAT via WiFi and enjoy the same capability as before with the added benefit of flight plan uploading....................................P/N 11-19341 .... ---
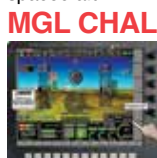
MGL ENIGMA MKIII

The "Enigma MKIII" is based on the iEFIS Discovery and shares its housing and large 7" high resolution screen. It has about the same outside dimensions as the original Enigma, but it is a completely different system. It will be fully self-contained (no iBox) and features a built-in Attitude Gyro. It provides two RS232 ports and a CAN-interface for connection to RDAC, compass and other devices. It contains a built-in GPS and full pitot/static sensors. The software is based on a simplified version of the iEFIS and is aimed at providing simple installation and simple operation. Only GPS navigation is supported. The Autopilot is included.
The Engima MKIII effectively fits between the XTreme mini EFIS and the iEFIS Discovery.

CALL OR VISIT OUR WEBSITE FOR DETAILS.

MGL IEFIS CHALLENGER 10.4 INCH TOUCHSCREEN

The iEFIS is a comprehensive flight, engine and navigation instrument designed for Experimental and Light Sport aircraft. Pressure sensitive, sunlight readable touchscreen that can also be operated using gloves. The pressure sensitive 10.4" touchscreen operates much like a tactile button preventing false activation when touching the screen in turbulent conditions. A simple but highly effective solution. The large amount of flexibility built into the base system allows the adaptation of the iEFIS to almost any mission and aircraft. The iEFIS screens can be completely edited by the user using a simple PC program to create any display the user desires. This makes the system absolutely the most customizable EFIS on the market today! Due to low system cost, the iEFIS is equally suited to light aircraft, gliders and rotorcraft, while providing enough flexibility to be utilized by multi-engine aircraft with up to 4 engines monitored, and by turbine aircraft and even spacecraft...P/N 11-12044 .... ---

MGL CHALLENGER LITE TOUCHSCREEN EFIS

The iEFIS Lite series from MGL Avionics is set to revolutionize the small airplane instrument panel. If just a single EFIS screen is required in your Experimental airplane, the iEFIS Lite offers everything needed. Features a bright non-reflective 10.4" touchscreen of around 2000+ nits.It looks, feels and operates just like a regular iEFIS, however it does not require the additional iBox and AHRS since pitot/static, GPS receiver, and attitude sensor are all built into the back of the screen. The iEFIS-Lite concept of the all-in-one EFIS is unmatched in the market. It has the same powerful G3 processor and runs the same firmware as the regular iEFIS system and has all of the same software features - just less external hardware complexity.The iEFIS-Lite has the fewest modules to install and the easiest installation in the homebuilt market. Like all our G3 iEFIS systems it comes with a World wide high resolution terrain database built in plus a World wide vector map. It is compatible with MGL's new "MapMaker 2" raster map format.
8.5 Screen ....P/N 11-16712 .... ---
10.5 Screen ....P/N 11-16713 .... ---

MGL XTREME EMS

The XTreme EMS is based on a 4.3" sunlight readable, wide viewing angle, high resolution LCD display. It integrates an SD card reader (for software updates and for engine data recorder), 5 function buttons, a rotary control. It can be connected to standard MGL Avionics RDAC (engine monitor) boxes (required). The XTreme EMS is designed to fit a standard 3 1/8" round instrument hole. The body is located off-center allowing the unit to replace instruments on the right side of a standard 6-pack configuration or any other location that currently occupies two instruments. Due to the light weight and very low mounting depth no complicated mounting brackets or trays are needed. Power use is low and operation from much less than 12V to around 28V is fully supported ....P/N 11-10393 .... ---

MGL RAZOR TOUCHSCREEN VHF CONTROLLER

The Razor 3-1/8" VHF Touchscreen controller connects to the V16 Com for full touchscreen control. Connect any number of Razors (and Vegas) to your V16 Com radio. **Specifications**: • Panel Cutout Size: 3 1/8" Round • Display: Color 3.2" TFT Portrait Touchscreen Display • Control: Touchscreen and One Knob • Internal Communication: CAN Bus (to communicate with V16 and other Controllers) • Serial Port: For SL30/SL40 Communication (third party devices) • Ambient Light Sensor: Auto-Dimming • 2 Discrete Inputs: Recall last transmission and/or to select channels with HOTAS, and/or Remote Flip/Flop • On Screen Warnings: Stuck Mic, Antenna Mismatch..P/N 11-16598 .... ---

MGL VEGA VHF CONTROLLER

The Vega 2-1/4" VHF controller connects to the V16 Com for full control. Connect any number of Vega's (and Razors) to your V16 Com radio. **Specifications**: • Panel Cutout Size: 2 1/4" Round • Display: Color 1.8" TFT Display • Control: Two Knobsb • Internal Communication: CAN Bus (to communicate with V16 and other Controllers) • Serial Port: For SL30/SL40 Communication (third party devices) • Ambient Light Sensor: Auto-Dimming • 2 Discrete Inputs: Recall last transmission and/or to select channels with HOTAS, and/or Remote Flip/Flop • On Screen Warnings: Stuck Mic, Antenna Mismatch ....P/N 11-16599 .... ---

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