MGL AVIONICS V6/V8 VHF AVIATION RADIO TRANSCEIVER

Based on the digital technology introduced in the V10, the V6 provides the same powerful 6W transmitter and modulation system. Designed for 25Khz spacing with 8.33Khz compatible operation selectable. 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 VOQAD noise suppression system. Dual PTT inputs. Black box flight recorder audio output. The intercom outputs are fully stereo with a dedicated stereo music input plus two auxiliary channels for mobile phone and EFIS annunciators. The V6 can fit a standard 2 1/4” round instrument hole from the rear and provides simple mounting due to captive nuts. Wide Operating voltage range: 12v to 28v DC. VHF-6 Transceiver............. $1,195.00
VHF-8 Remote Transceiver.............. $1,150.00

MGL AVIONICS E3 ENGINE MANAGEMENT SYSTEM

A compact 3 1/8” format instrument all that is needed to monitor most smaller aircraft engines from two-stroke ultralight engines to medium sized four strokes such as from Rotax, Continental and Lycoming. Most automotive engine conversions can benefit from the use of the E3 engine monitor. • 66 different engine setup configurations possible • Universal, programmable rev counter (engine RPM) with digital and analog readout, with a programmable high alarm limit • Programmable engine Hobbs meter (password protected) and running timer (flight timer) with automatic flight log • Can monitor up to four programmable thermocouple channels • Special Rotax 912/914 engine monitor mode utilizing the standard built in Rotax NTC or probes • Supports the new Rotax 912/914-620mA oil pressure sender. P/N 11-05578 .................... $345.00

MGL AVIONICS XTREME MINI EFIS

The XTreme EFIS is a mini-EFIS unit based on the popular standard EFIS. 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.................. $1,295.00

MGL MAGNETIC CURRENT MEASUREMENT SENSOR

This sensor can be used to measure DC currents in aircraft power systems in a wide range from less than 4A to as high as 120A depending on installation and configuration. The sensor connects to an EFIS system via spare RDAC inputs. G1 and G2 EFIS systems can support up to 4 of these sensors while Enigma can support 2.

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 an EFIS 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. P/N 11-13391 .................. $59.00
7-30V ...... P/N 11-13992 ............ $59.00

MGL ELECTRONIC CIRCUIT BREAKER MODULE ECB

The ECB module provides 8 electronic circuit breaker. 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 Module ECB .................. $420.00
Electronic Circuit Breaker Light & Switch Kit ........ $128.75

MGL AVIONICS VOYAGER - EFIS/EMS/GPS 8.4” Power Fit

The Voyager is IDENTICAL in PRICE and FUNCTION to the Odyssey. The only difference is the size. The Voyager is a comprehensive flight, engine and navigation instrument designed for Experimental and Light Sport aircraft. Like the Enigma, the Odyssey/Voyager is a hardware and software concept that promotes a flexible, powerful EFIS platform together with a software application system that is highly user-modifiable. The Voyager shares all software features with the Enigma, but differs in the following ways: Larger screen (8.4” diagonal). High resolution full VGA active TFT display - one of the best we have found! Faster processor for future functionality. 2 user-configurable rotary knobs and 7 function keys. ARINC 429 interface for communication with traffic alert systems (TIS and ZAON XRTX) and for communicating with high-end digital autopilots (GPS Steer and Vertical Nav). Can be configured 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.

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 other locations 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 ........................ $950.00

MGL AVIONICS GENERATION 2 ODYSSEY - EFIS/EMS/GPS

The Odyssey is a comprehensive flight, engine and navigation instrument designed for Experimental and Light Sport aircraft. Like the Enigma, the Odyssey is a hardware and software concept that promotes a flexible, powerful EFIS platform together with a software application system that is highly user-modifiable. As an EFIS hardware platform, the Odyssey provides state of the art multi-processor based processing utilizing components chosen for absolute robustness in radiation intense environments such as found at high altitudes. This is coupled with intense low power design methods to further maximize overall system application and reliability. 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 Odyssey 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.

E3 UNIVERSAL ENGINE MONITOR

The E3 universal engine monitor combines in one compact 2.25” format instrument all that is needed to monitor most smaller aircraft engines from two-stroke ultralight engines to medium sized four strokes such as from Rotax, Continental and Lycoming. Also most automotive engine conversions can benefit from the use of the E3 engine monitor. P/N 11-06442 ........................ $309.00

WWW.AIRCRAFTSPRUCE.COM