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, 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 isolation. Each intercom microphone input has its own level control and VOCA 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 radio fits in 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 .................................$1,088.00
V6R Remote Transceiver ........................................$.1,050.00

MGL AVIONICS V10 VHF AVIATION RADIO TRANSCIEVER

MGL's air band VHF transceiver is the first commercial product of its kind to utilize modern receiver and transmitter technology. Full audio processing and much of the receiver and transmitter circuitry is fully digital, resulting in an outstanding quality experience available with traditional technology. VHF Airband transceiver based on modern digital signal processing technology with built in multi-mode dual circuit intercom system. Small Size: Fits in a round 3 1/8" instrument hole, but has a mounting depth of only 2.2" + connectors! Light Weight: Approximately 8.8 oz (about 0.5 lb). One of the lightest out there! Powerful: 6 full Watts of transmit power.

Transceiver ..................................................................$1,065.00

MGL AVIONICS E1 ENGINE MANAGEMENT SYSTEM

A compact 3 1/8" format instrument all that is needed to monitor most smaller aircraft engines from two-stroke multijet engines to medium sized four strokes such as those from Rotax, Continental and Lycoming. Most automotive engine conversions can benefit from the use of the E1. E3 engine monitors - 6 different engine options available • 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 for EGT and CHT probes with a user programmable high alarm limit • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable high and low alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits • A universal temperature sender input with a user programmable low and high alarm limits • A universal pressure sender input with a user programmable low and high alarm limits

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 opened using gloves. The pressure sensitive touch-screen operates much like a tactile button press but provides a more sensitive action 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 EISF 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 used by any general aviation aircraft with up to 4 engines monitored and by turbine aircraft and even spacecraft.

P/N 11-12044 ..................................................$2,995.00

MGL AVIONICS VOYAGER - EFIS/EMS/GPS

8.4" Perfect 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 digital interface for communication with traffic alert systems (TIS and ZAON XAR) and for communicating with high-end digital autopilots (GPS Steer and Vertical Nav). CAN (automotive bus) for reading the ECU of automotive engine conversions. Analog +/- 150mA NAV inputs to display CDI/LOC/GS when connected to older analog Nav radios. Low... Weight: Under 4 lbs. Current Draw: Only 1.5 Amps @ 12 Volts. High... Screen brightness (800-1000 nits). Reliability. Flexibility (any screen layout you want!). Feature count (more instrument options available than most EFISs).

P/N 11-06963 ..................................................$3,900.00

MGL AVIONICS 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). It is also fully 429 compatible. The power use is low and operation from much less than 12V to around 28V is fully supported. Power is on at 0.5 Amps @ 12 Volts. The XTreme EMS is designed to fit in a round 3 1/8" 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.

P/N 11-10393 ..................................................$850.00

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, and a system to truly maximize overall system application and reliability. The large amount of flexibility built into the base system allows the adaptation of the Odyssey to almost any mission and aircraft. Due to low system cost, the Odyssey is equally suited to light aircraft, gliders and rotorcraft, while providing enough flexibility to be used by any general aviation aircraft with up to 4 engines monitored and by turbine aircraft and even spacecraft.

P/N 11-05578 ..................................................$315.00

P/N 11-05835 ..................................................$850.00

P/N 11-12044 ..................................................$2,995.00

To complete these systems: Select a RDAC engine Unit, Select Sensors, Order Attitude/Heading Sensor (SP-28, SP-4), Select accessories.

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Prices Subject to Change Without Notice