

MGL AVIONICS



MGL AVIONICS XTREME MINI EFIS

The XTreme EFIS is an affordable mini EFIS. It can be configured as a PFD (with AHRS sensors added), and/or an engine monitor (with RDAC added). It includes a GPS receiver that is used to provide ground speed and range information, as well as a backup/control for the AHRS. If you do not select the SP-4 attitude sensor, you can still have a GPS-derived bank angle display!

You can use it as...

Primary EFIS
Backup EFIS
Engine Monitor
EFIS/Engine Monitor

Features:

- Alarms on most displays
- Programmable maintenance timer for scheduled routine engine maintenance
- Programmable airframe timer for scheduled airframe maintenance.
- Records maximum and minimum values of most displayed values
- Built in black box recorder – records all flight data, engine, attitude and GPS data to SD card. Data can be exported to Google Earth, Microsoft Excel, etc.
- Includes a 1000 entry automatic flight log (Records start date&time, flight time, pilot number, Hobbs time, maintenance time, max altitude, airspeed and VSI reached during the flight)
- User configurable start up (Splash) screen
- Unlimited configurable checklists
- Unlimited configurable graphic information displays
- Automatic or manual local magnetic variation
- Dual menu system for quick item selection and user setups
- Sunrise/Sunset calculator
- Firmware upgrades via SD Card
- 3 year limited warranty (MGL Avionics US)1 RDAC is required for engine functions to work.

Specifications:

- Powerful ARM processor
- 4.3" high resolution 480x272, sunlight readable, wide viewing angle, 600 nits TFT LCD display
- LED backlight (brightness can be adjusted for low light flying conditions)
- Fits standard 3 1/8" aircraft instrument panel hole
- SD Card interface for data recording, user splash screens, checklists, graphic information pages, firmware upgrades etc
- 1/8" NPT female fittings for Altitude and Airspeed pitot tube connections
- 1x RS232 communication port
- 1x MGL Avionics Airtalk communication port
- 1x MGL Avionics RDAC communications port
- 1x CAN communication port
- Rotary control plus 5 independent buttons for easy menu navigation and user input
- External alarm switch output for an external indicator lamp etc
- Built in 50 Channel GPS receiver with over 1 million effective correlators with high immunity to jamming
- Time To First Fix (TTFF) of less than 1 second
- External active GPS antenna connection
- Support for an internal or an external GPS receiver
- Built in RTC (Real Time Clock)
- Wide input supply voltage range of 8 to 30V DC
- Built in voltage reversal and over voltage protection for harsh electrical environments
- Light weight design

P/N 11-08757

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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 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

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.

7-30VP/N 11-13992

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 Knobs • 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