



Configurable Multifunction Displays

Taking Display Technology to New Heights



The AL520 Series of Configurable Multifunction Displays consist of bright, high contrast LCD displays, a programmable data processing unit, and our software decommutation engine, all packaged in a sleek ruggedized enclosure. Our Displays provide the Test Community with an easy, reconfigurable means of displaying data in real time. Multiple data sources are supported, including analog voltages, discrete digital levels, PCM data streams, and Ethernet. Specific data formats supported include IRIG-106, CCSDS, IENA, Chapter 10 and iNET. Most standard mechanical gauge types are incorporated into our base designs and

our gauge set-up software allows for the programming of warning color bands, min/max indicators and actively displays the current values.

- Ethernet—Chapter. 10 , IENA, INET & UDP
- Serial PCM channel TTL, 1kbps - 40Mb
- Real-time feedback on flight objectives
- Allow updates on the fly via remote pages
- Multiple pages of gauges per display
- Interface with existing flight recorder systems
- Custom designs available
- Apogee Labs Universal Decom Engine

Gauge Management Software Suite

Adaptability on the Fly

Our user configurable and highly adaptable software management system is at the core of our Display hardware. This decom software engine delivers on all fronts - It's highly adaptable, universal, and visually appealing.

The simplified set-up process saves you time and money. There's no need to take displays out of service to revise or update the gages. Simply build, visualize, and test Display configurations from your desktop computer. Once you have completed your desired gauge layout and configurations, store the data locally and load the updates onto the Display via a simple file transfer. Uploaded pages are then immediately available to the end user. Even better... Multiple pages can be loaded to a single Display, which allows users to load the desired gauges for specific test profiles and then easily reload the display to change the gauges to support subsequent test protocols.

Adaptable, durable, and economical... the cornerstones of our Suite of Displays!



Configurable Multifunction Display Products

AL525



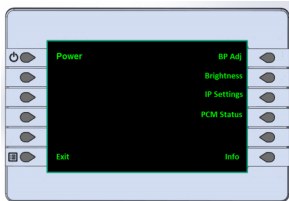
- 8.4" Diagonal
- 600 X 800
- Panel Mount
- NVIS Compatible
- Chapter 10 Ethernet Decom
- Compatible with Gauge Software Suite

AL526



- 6.5" Diagonal
- 480 X 640
- Dzus Rail Mount
- VGA input
- Chapter 10 Ethernet Decom
- Compatible with Gauge Software Suite

AL527



- 7" Diagonal
- 1280 X 800
- Glare Shield Mount
- Chapter 4 PCM Decom
- Chapter 10 Ethernet Decom
- Compatible with Gauge Software Suite

AL522



- 6.5" Diagonal
- 640 X 480
- Glare Shield Mount
- No Operating System
- RS-232

AL523



- 6.5" Diagonal
- 640 X 480
- Bulkhead Mount
- NVIS Compatible
- Chapter 10 Ethernet Decom
- Compatible with Gauge Software Suite
- Mil-Spec Certified

AL524



- 7 Diagonal
- 600 X 800
- Knee Board
- NVIS Compatible
- Chapter 10 Ethernet Decom
- Compatible with Gauge Software Suite

AL520



- 6.5" Diagonal
- 480 X 640
- Dzus Rail Mount
- No Operating System
- Analog Inputs
- Digital Input—PCM/Discrettes
- Ethernet Compatible

Contact us with your unique requirements to learn how we can apply our extensive Display experience and value added engineering services to satisfy your unique needs... on budget and on time.

Although Apogee Labs makes every attempt to provide specifications that are accurate, these specifications are subject to change or correction. Please contact a Sales Engineer to discuss requirements