

Newsletter

EON Instrumentation's Audio Amplifiers For Avionics

Quarter 1 | March 2015

Eon Instrumentation is proud to be a leading manufacturer of Audio Amplifiers for avionics customers across the globe. Eon offers integrated audio products that work together in order to provide complete audio amplification and control for all aircraft applications. These audio amplifiers are ruggedized and designed to meet Environmental standards MIL-STD-810 and Electromagnetic Interference (EMI) standards MIL-STD-461. Eon's audio distribution amplifier products include an Audio Control Unit (ACU), an aircraft Cockpit Speaker Amplifier (CSA), and an aircraft Cargo Area Public Address Preamplifier (CAPP). The ACU combines audio signals from four input sources into a single mixed audio output with independent volume control for each input. The CSA and CAPP work together as a pair to complete the aircraft's communication subsystem. While the CSA provides amplified audio signals to the cockpit speakers, the CAPP passes and amplifies unencrypted audio from the MICS to the Public Address system amplifier. One CSA has the benefit of being able to control two CAPPs due to its ability to provide signal level amplification and power filtering without selections and control functions. Platforms on which Eon's audio distribution amplifier products are installed include the P-3 and HC130J aircrafts.



ACU-101



CAPP-101



CSA-101

EON to Exhibit at the Navy League's Sea-Air-Space Exposition in National Harbor, MD, April 13-15

Eon is pleased to announce that it will be exhibiting its latest products at the Navy League's Sea-Air-Space Exposition in April 2015. Eon will demonstrate its completely integrated HD-SDI system that includes a new high-speed digital Monitor, HD-SDI Video Matrix Switcher, and HD-SDI camera. Working with Kappa Optronics and Qvio Displays, Eon Instrumentation is leading the industry's transition to full digital system integration. Eon will also demonstrate the US Navy Aegis Radar Pre-trigger Converter and Blanker unit as well as video amplifier and avionic power supply products. Visit us at booth #2718 where we will have a reception from 4-6pm, April 14.



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