

TITAN

Digital Audio Management System



The **AMS80** is an All-in-One Audio Controller that manages all aircraft audio supporting 9 COM Radios and 6 NAV Receivers with up to 8 headset users.

The **Titan Digital Audio Management System** from Canyon AeroConnect is an innovative, Lightweight, high-functional-density communications management system. The Titan is designed to control all aircraft audio while presented in an amazingly light and compact form factor. Titan is a family of products all based on the same core technology, a state-of-the-art Digital Signal Processor (DSP), mixing and filtering all audio sources in the digital domain to deliver crystal clear audio.

A Bluetooth 3.0 Wireless interface provides cellphone integration and streamed music to mono or stereo headsets. Titan features two separate stereo music inputs, each supporting either 400 mVrms or 2.5 Vrms. Designation for each is assigned by the configuration management software. 'Reversionary' mode allows continued crew communication and aural warnings should 'Normal' circuit mode fail, while Titan's backup mode provides complete redundancy. ICStielines are used for expansion, allowing multiple systems to be tied together. Titan will support two analog Intercom audio (ICS) tielines.

The **ACP83 Audio Control Panel & AMU80 Remote-Mounted Audio Management Unit** work in conjunction with each other for reduced crosstalk, weight savings, and reduced installation cost.



3 cockpit voice recorder outputs supported



3 internal programmable aural warnings, supports 5 direct audio inputs for external warning audio



3 configurable talk groups and 3 isolation modes



Relay & simulcast—seamless, delay-free conference calling



State-of-the-art Digital Signal Processor (DSP)



Aircraft audio support: 9 com radios, 6 NAV receivers, 8 headsets, 9 radio mic inputs, 9 PTT outputs



Bluetooth 3.0 Wireless interface connection



Spatially separated audio



Built to RTCA standards FAA TSO-C139a, EASA ETSO

