

PS Engineering adds new capabilities to HUB50

New functionality for Helicopter Emergency Medical Services & Law Enforcement

Verticon- Dallas, Texas March 11th, 2025

Since the introduction of the fully digital, iOS configurable HUB50 audio management system in 2023, PS Engineering has been committed to expanding its feature set to suit a variety of applications. This now includes mission specific control heads and operating features for HEMS and Law Enforcement users.

The HUB50, which pioneered convenient app configurability of digital audio systems, has more than 270 parameters available for change at your fingertips. Greg Ledbetter with PS Engineering states, "This unique approach has been extremely well received with its individual profile capabilities and its ease of use."



HEMS configurations consist of dual CTL-E control heads for pilot & flight nurse operations allowing for independent functionality during critical medical flight missions.

This HEMS CTL-E system supports:

- Doppler Heartbeat Monitoring Audio
- 5 passenger/patient ICS stations
- Patient Intercom Isolation with Music Input
- Nurse Call Button
- Three Transmit Seats for Medical Staff
- Copilot Training Configuration during non-Missions



Law Enforcement configurations consist of up to four CTL-J control heads for cockpit and TFO locations.

Law Enforcement CTL-J systems support:

- Simulcast (SCAST) for simultaneous transmissions on any com port
- Transmit Relay, link any two coms for ground-to-ground communication
- Customizable Audio Output- TFO CVR audio for FLIR recordings
- Artificial Sidetone for police band radios
- Microphone bias voltage for police band radios

The new versions are currently available and will be on display at Verticon. Please see the PS Engineering team at booth 9543 (VAI Dallas).

Founded in 1985, PS Engineering, Inc is a leading manufacturer of general aviation and special mission audio control systems. The company's sole corporate focus is excellence in the design and manufacture of audio control systems. PS Engineering is credited for many innovations in the field, including aerocom®, The Muse®, IntelliAudio®, IntelliVox®, flightmate®, MultiTalker®, Softmute™, Split mode™, Swap Mode™, and the IRS™ (Internal Recording System), as well as being the first to integrate Bluetooth® in audio control systems. Flying Never Sounded So Good® when our audio control systems are installed by our network of over 400 authorized dealers/installers worldwide. PS Engineering, Inc., is a leader in retrofit avionics as well as a supplier to other major avionics manufacturers for their audio panel requirements. For more information, please visit www.aircraftaudio.com