



AA9X

Series Audio Controllers

The AA9x Series of audio controllers offer a wide range of features optimized to fit the widest possible cross-section of aircraft applications. They are used in all types of helicopters as well as fixed-wing aircraft. All models can be customized to meet specific user and mission requirements, and are available with standard or NVG illuminated front panels and controls.

AA9X

Multi-user controllers for helicopters and fixed-wing aircraft

PRODUCT FEATURES

The AA9x Series are standard controllers providing transmit and intercom (ICS) capabilities for pilot and co-pilot, plus intercom for 4 passengers. Auto-Receive function is standard along with selectable receive switches for COM and NAV sources. Adjustment controls are provided for each audio channel within the controller, allowing individual receive audio, master ICS audio, and master RX audio to be set. All audio, except for the sidetone of the radio in use and certain Direct Audio inputs, is muted during transmit operations for clarity of communications. An ICS tie line is provided to allow multiple controllers to be connected together to form a larger ICS network.

Intercom

An integral intercom features one of the highest headphone outputs in the industry, with up to 500mW per channel. The intercom system is designed to achieve the best possible intercommunications in noisy aircraft environments. Voice activated squelch (VOX) uses voice-tracking circuitry that combines low-noise audio processing with selective voice-band squelch triggering for effective hands-free ICS operation.

Audio Alerting

Up to three internal alert tones are available in the AA95 and AA97 series controllers; single tone, dual tone and a timed-swept tone. These alerts are used to supplement airframe warnings such as low rotor, engine out, or DH alerting, but can also be used for other functions such as Passenger Call, Seat Belt Interlock, etc.

Direct Inputs

Two direct inputs accommodate functions such as Rad Alt, GPS Alerts, Low Rotor, or Telephone Ringer.

Emergency Mode

Front panel-selectable emergency mode switches the pilot's headphones directly to the selected radios. Mic control is maintained via the transmit select switch for each available radio.



Technical Specifications

Dimensions

AA95/96 Series

Height: 1.90" / 48.26mm
Width: 5.75" / 146.05mm
Length:¹ 6.82" / 173.23mm
Weight: 2.1 lbs / .95 kgs

AA97 Series

Height: 3.00" / 76.2mm
Width: 5.75" / 146.05mm
Length: 6.82" / 173.23mm
Weight: 2.5 lbs / 1.13 kgs

¹ Excluding mating connectors