JA95-xx1 Audio Controller
Data Sheet

Description

The JA95-001 audio controller is a compact, lightweight unit that incorporates the latest technology, and is compatible with the current industry standard interconnect. The unit will support 7 users: pilot, co-pilot and up to 5 passengers. By using a Windows® based application (ProCS™), configuration settings may be changed via a 3.5mm jack on the front panel. Field replaceable illuminated legends (either standard white or NVG compatible) mean that the dealer only needs to order one version of the controller for many different mission configurations.
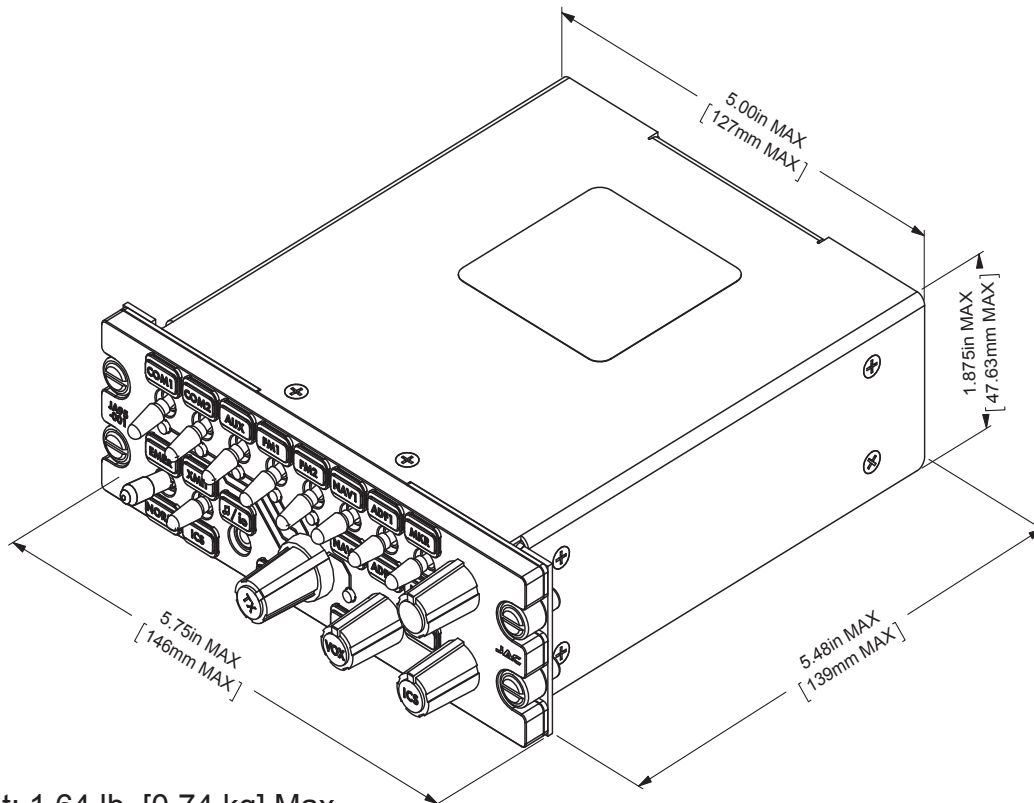
Features

- Up to 7 users
- Field configurable settings
- Field replaceable legends
- Standard White or NVG Compatible
- Stuck microphone time-out
- Adjustable output and input levels
- Balanced ICS, CVR, Rx Comp. & transmit mic. outputs
- Adjustable CVR output level
- Configurable audio alert messages
- Front panel music input
- 5, 14 and 28 Vdc lighting voltage selection

- Music muting
- Duplex mode transmission for telephone operation
- 5.48 inches [139mm] depth behind panel (not including connectors)
- Individual mic. gating
- Tx capability for pilot, co-pilot and 2 passengers
- Configurable multi-function switch
- Transmit select annunciators
- Connector pin compatible with industry standard

JA95-xx1 Specifications
Installation

Weight: 1.64 lb. [0.74 kg] Max.

JA95-0x1 Standard White Lighting
JA95-Nx1 NVG Compatible

Environment and Performance

Transceivers	5 Comm. transceivers plus PA System
Receiver Input	6 Receivers + 1 Direct, 2 Music Inputs, 1 ICS Tie
Number of Headsets	7 users: Pilot, Co-pilot, 5 passengers
Electrical — Power / Lighting	14 to 28 Vdc @ (1.4 to 0.7A) max <10mA @ 5, 14, 28 Vdc
Temperature — Operational / Survival	-45 °C to +70 °C -55 °C to +85 °C
Altitude	50,000 ft. max
Humidity	95%
Shock	6g (any axis)
Headphone	100 mW into 600 ohms
TSO Compliance	FAA TSO C139 & TC CAN-TSO C139
DO-160F Env. Cat.	[(C4)(D1)(A1)X]BAB[(SBM)(U2FF1)]XXXXXXXZ[(ZXX)(BXX)]AZ[ZC][RR]H[A3J33] XXXX
Installation Kit	INST-JA95

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