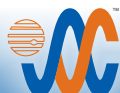# JA94-xx2A Dual Audio Controller
Data Sheet

Description

The JA94-002A dual audio controller is a compact, lightweight unit that incorporates the latest technology, and is compatible with the current industry standard interconnect. The transceiver selection order is the same as the AMS44. The unit will support 8 users: pilot, co-pilot and up to 6 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.
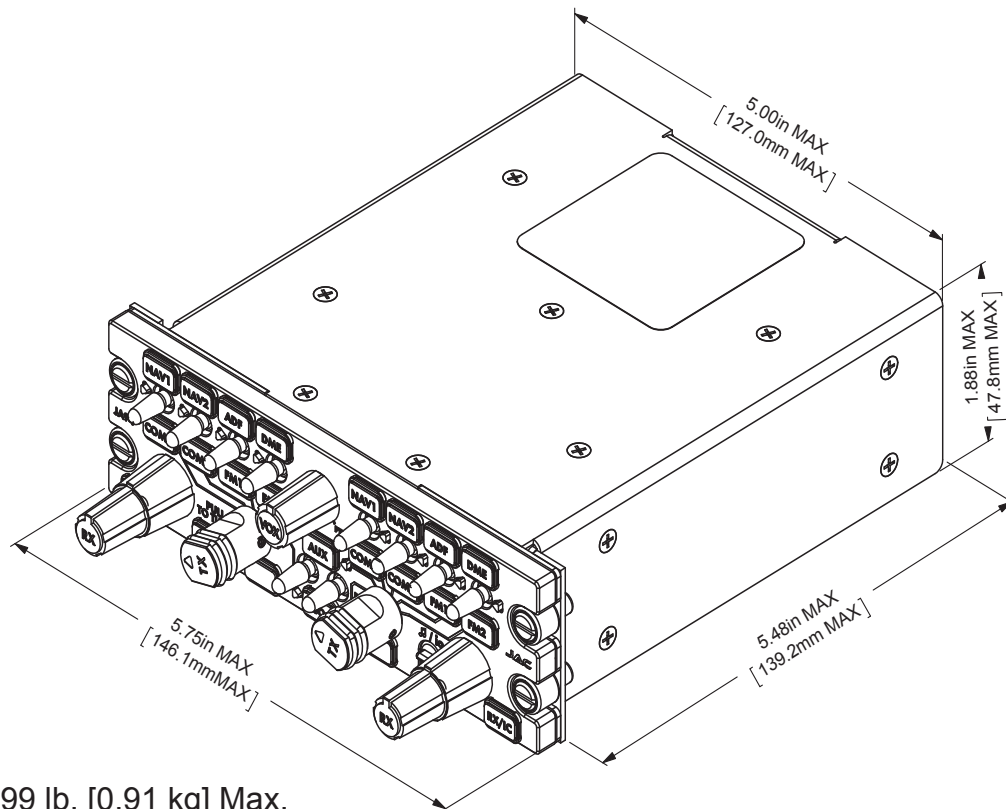
Features

- 5 transceivers
- Up to 8 users
- Field configurable settings
- Field replaceable legends
- Standard white or NVG compatible
- Adjustable output and input levels
- Balanced ICS, CVR, Rx Comp. & transmit mic. outputs
- Adjustable CVR output level
- Front panel music input
- 5,14 and 28 Vdc lighting voltage selection
- Music muting
- Duplex mode transmission for telephone operation

- 4 Receivers
- 4 Direct inputs
- 5.48 inches [139mm] depth behind panel (not including connectors)
- Individual mic. gating
- Tx capability for pilot, co-pilot and up to 3 passengers
- Transmit select / ISO annunciators
- Connector pin compatible with industry standard
- Pilot / Copilot ICS isolation switches
- Remote transmit selection
- ICS PTT for all 8 users

JA94-xx2A Specifications
Installation

Weight: 1.99 lb. [0.91 kg] Max.

JA94-0x2A Standard White Lighting
JA94-Nx2A NVG Compatible

Environment and Performance

Transceivers	5 Comm. transceivers	
Receiver Input	4 Receivers + 4 Direct, 2 Music Inputs, 1 ICS Tie	
Number of Headsets	8 users: Pilot, Co-pilot, 6 passengers	
Electrical	Power	0.95A @ 28 Vdc max
	Lighting	<10mA @ 5, 14, 28 Vdc
Temperature	Operational	-45 °C to +70 °C
	Survival	-55 °C to +85 °C
Altitude	55,000 ft. max	
Humidity	95%	
Shock	6g (any axis)	
Headphone	250 mW into 600 ohms	
TSO Compliance	Contact JAC for TSO status	
Installation Kit	INST-JA94	