JUPITER AVIONICS
CORPORATION

JA94-x44A Dual Audio Controller
Data Sheet

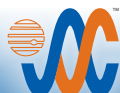**PIN for PIN Compatible with AMS44!**

Description

The JA94-044A 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.
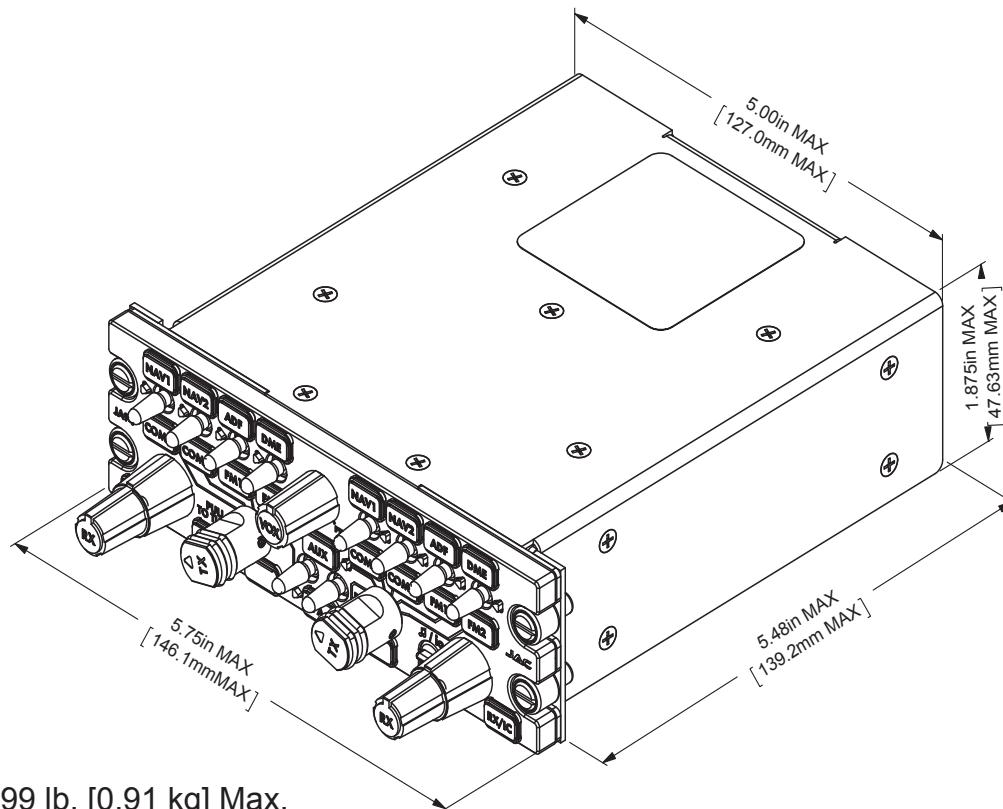
Features

- 6 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
- 3 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 annunciators
- Simulcast TX capability
- Connector pin compatible with industry standard
- ICS isolation extrernal input
- Remote transmit selection
- ICS PTT for all 8 users
- COM6 artifical side tone

TO ONLINE INFO

JA94-x44A Specifications
Installation

5.00in MAX [127.0mm MAX]

1.875in MAX [47.63mm MAX]

5.75in MAX [146.1mmMAX]

5.48in MAX [139.2mm MAX]

Weight: 1.99 lb. [0.91 kg] Max.

JA94-044A Standard White Lighting
JA94-N44A NVG Compatible

Environment and Performance

Transceivers	6 Comm. transceivers
Receiver Input	4 Receivers + 3 Direct, 2 Music Inputs, 1 ICS Tie
Number of Headsets	8 users: Pilot, Co-pilot, 6 passengers
Electrical — Power	0.95A @ 28 Vdc max
Electrical — Lighting	<10mA @ 5, 14, 28 Vdc
Temperature — Operational	-45 °C to +70 °C
Temperature — 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