



JA94-x01A Dual Audio Controller

Data Sheet

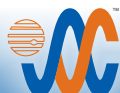


Description

The JA94-001A dual audio controller is a compact, lightweight unit that incorporates the latest technology. 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.

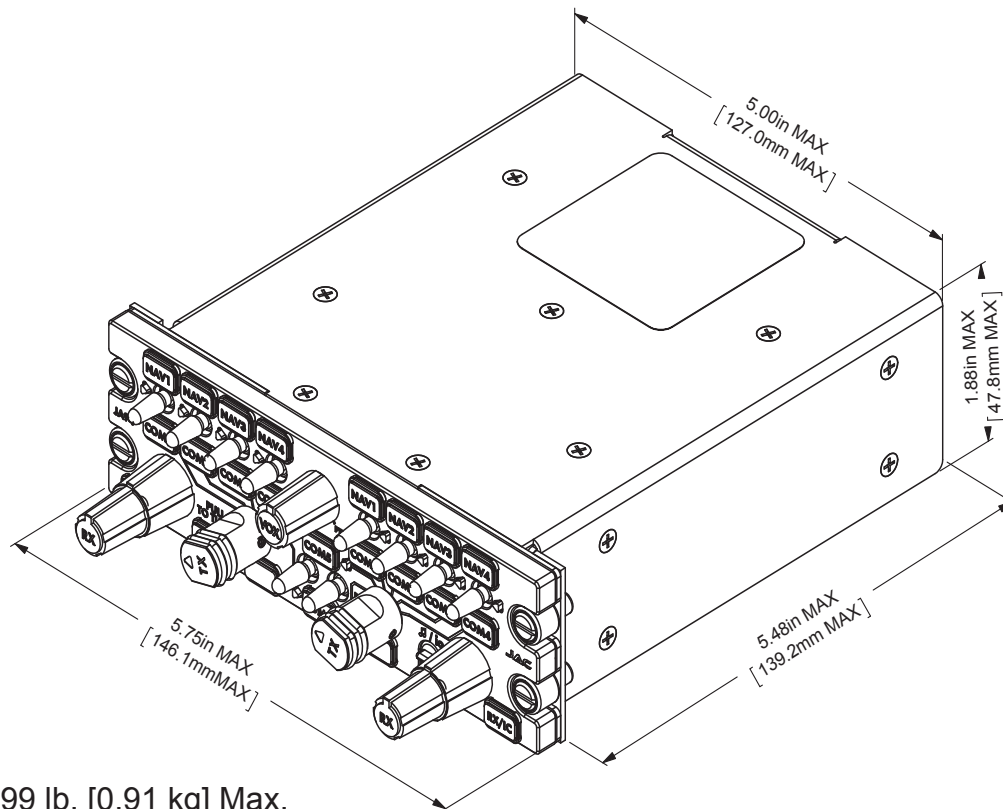
Features

- 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
- External pilot/copilot ICS isolation
- Remote transmit selection
- ICS PTT for all 8 users
- COM6 artificial side tone



JA94-x01A Specifications

Installation



Weight: 1.99 lb. [0.91 kg] Max.

JA94-001A Standard White Lighting

JA94-N01A 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 Lighting
	0.95A @ 28 Vdc max <10mA @ 5, 14, 28 Vdc
Temperature	Operational Survival
	-45 °C to +70 °C -55 °C to +85 °C
Altitude	55,000 ft. max
Humidity	95%
Shock	6g (any axis)
Headphone	125 mW into 600 ohms
TSO Compliance	Contact JAC for TSO status
Installation Kit	INST-JA94