



JA94-001 Dual Audio Controller

Data Sheet

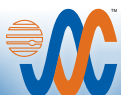


Description

The JA94-001 dual 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 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 mean that the dealer only needs to order one version of the controller for many different mission configurations.

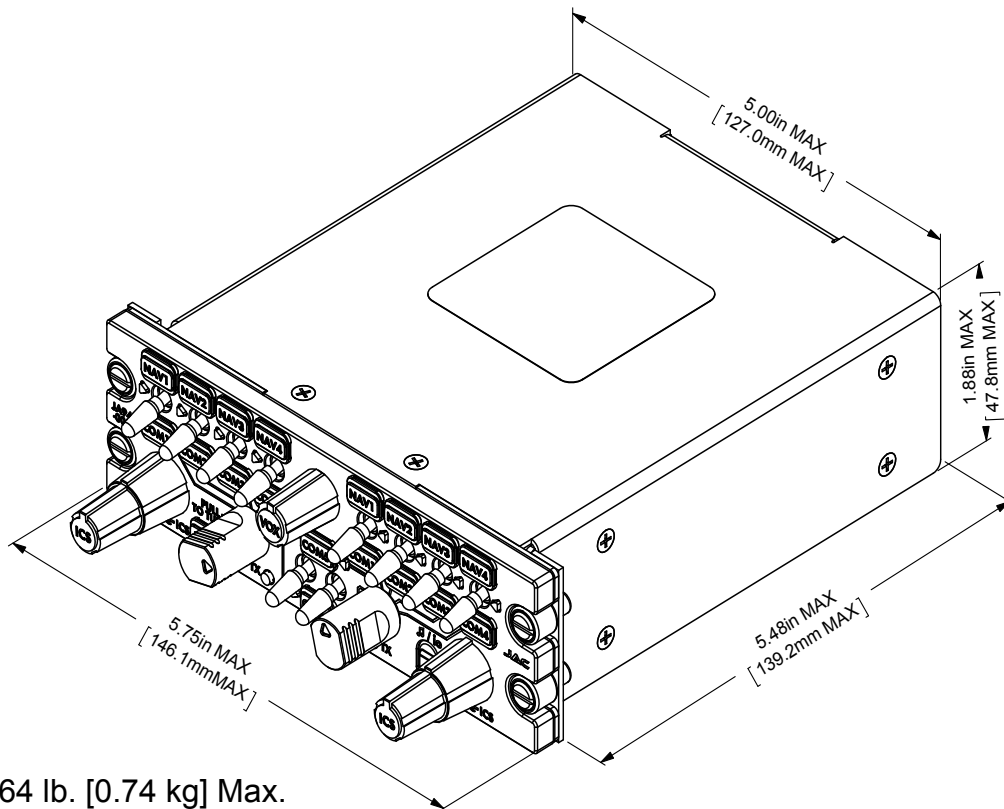
Features

- Six transceivers
- Up to 8 users
- Field configurable settings
- Field replaceable legends
- 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
- 5 Receivers
- 2 direct inputs
- 5.48 inches [139mm] depth behind panel (not including connectors)
- Individual mic. gating
- Tx capability for pilot, co-pilot and 2 passengers
- Transmit select annunciators
- Simulcast TX capability
- Connector pin compatible with industry Standard
- External Pilot ICS isolation
- Remote transmit selection



JA94-001 Specifications

Installation



Weight: 1.64 lb. [0.74 kg] Max.

Environment and Performance

Transceivers		6 Comm. transceivers
Receiver Input		5 Receivers + 2 Direct, 2 Music Inputs, 1 ICS Tie
Number of Headsets		8 users: Pilot, Co-pilot, 6 passengers
Electrical	Power	14 to 28 Vdc @ (1.4 to 0.7A) max
	Lighting	<10mA @ 5, 14, 28 Vdc
Temperature	Operational	-45 °C to +70 °C
	Survival	-55 °C to +85 °C
Altitude		50,000 ft. max
Humidity		95%
Shock		6g (any axis)
Headphone		250 mW into 600 ohms
TSO Compliance		FAA TSO C139 & TC CAN-TSO C139 (Applied for)
Installation Kit		INST-JA94