



## JRAC2-004 Dual Remote Audio Controller

### Data Sheet



### Description

The JRAC2-004 Dual Audio Controller is remote-mounted and relies upon a serial data bus from a combination of Multi-Function Display Systems or Jupiter JCP Series Panels for control and display of audio functions. The JRAC2-004 Dual audio Controller is a compact, lightweight unit that supports up to 8 users with 4 users having transmit capability. The JRAC2-001 Dual audio Controller can be configured to support either low impedance headsets (5 ohm mic and 8 ohm phones) or high impedance headsets (150 ohm amplified dynamic mic and 150 ohm phones). By using a Windows® based application (ProCS™), configuration settings may be changed using a PC, even when the unit is installed in the aircraft.

Other models of the JRAC2 are available:

- JRAC2-001 Base Model plus Speaker Amplifier and Message Generator
- JRAC2-002 Base Model plus Speaker Amplifier
- JRAC2-003 Base Model plus Message Generator

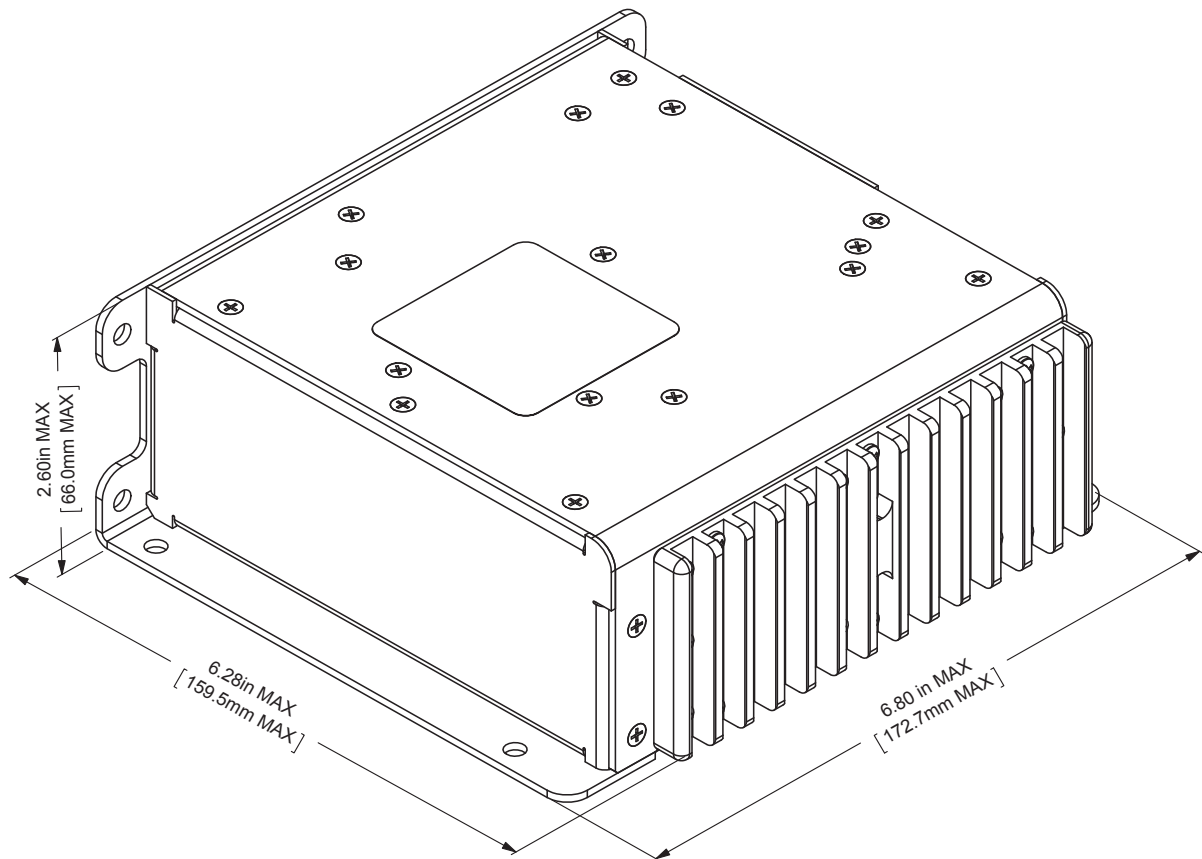
### Features

- Up to 8 users
- Field configurable settings
- Adjustable input and output levels
- Balanced ICS, CVR, Rx Comp. & transmit mic. outputs
- Two adjustable CVR outputs
- Up to 10 COM Transceivers
- Individual volume controls for transceivers
- Up to 4 Receivers + 4 direct audio
- Music muting
- 4 Duplex mode transmission positions for telephone operation
- Individual mic. gating
- Tx capability for 4 users
- RX mute capability
- High or Low Headset impedance capable
- User1 / User2 ICS Isolate mode



# JRAC2-004 Specifications

## Installation



Weight: 2.45 lbs. [1.11 kg] Max.

## Environment and Performance

Electrical Power	28 Vdc @ 1.5 A max
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 (High or low impedance)	250 mW into 600 ohms; 250 mW into 8 ohms
TSO Compliance	Contact JAC for TSO status
Installation Kit	INST-RAC24