

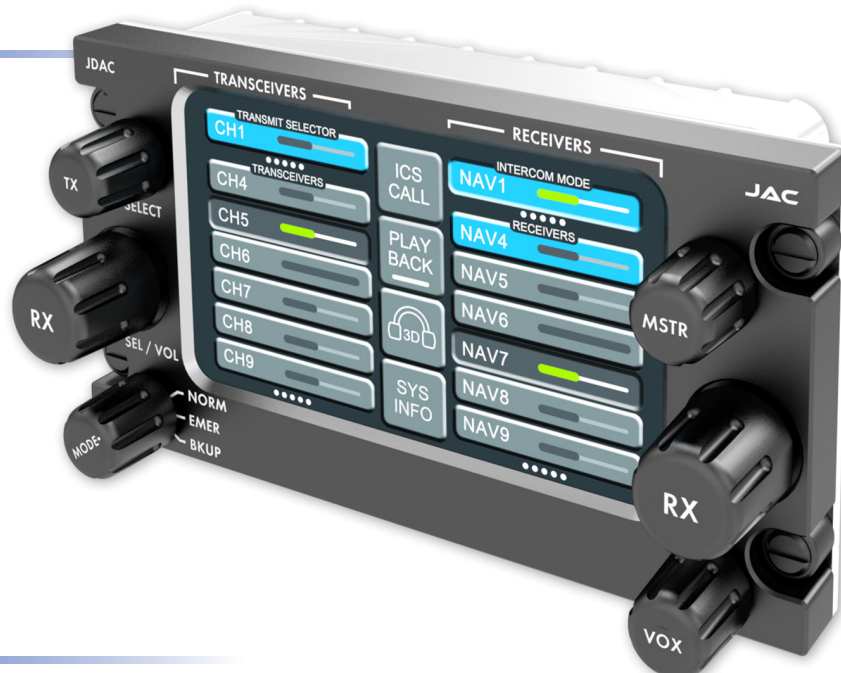


# JUPITER AVIONICS CORPORATION

## Eclipse™ Digital Audio System

### JDAC-002 Digital Audio Control Panel

#### Data Sheet



#### Description

The JDAC-002 Digital Audio Control Panel is designed to operate as part of an Eclipse™ aircraft digital audio system. Rotary and touchscreen controls ensure that operation of the JDAC-002 is intuitive, with added functionality and flexibility compared to conventional audio panels.

With less than 1 inch (<25mm) behind the front panel, a significantly wider choice of locations is available, especially where space is at a premium. The reduced number of wires between the avionics bay and the remote panel will allow savings in both installation time and weight.

Prioritizing essential radio traffic may be augmented using the integral 3D audio feature which allows the user to assign spatial locations within the stereo headset to each incoming audio signal.

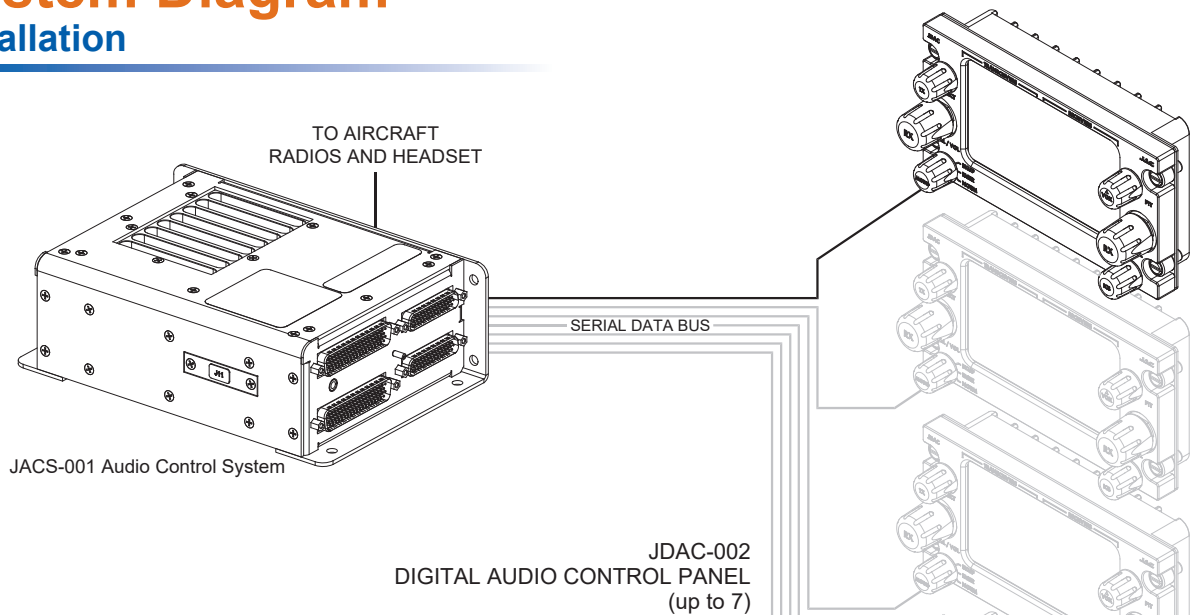
#### Features

- Supports up to 11 Transceivers
- Supports up to 8 Receivers
- Supports up to 2 music level controls
- Supports up to 2 speaker level controls
- PC configurable radio legends
- Individual receive audio volume controls
- Transmit and receive annunciators for each transceiver
- Receive annunciators for each receiver
- Individual user ICS call function
- Support for a voice recorder
- ICS PTT activation
- 5 or 28 Vdc lighting voltage selection
- Normal / Backup and Emergency power modes
- Stereo phones outputs with selectable 3D audio



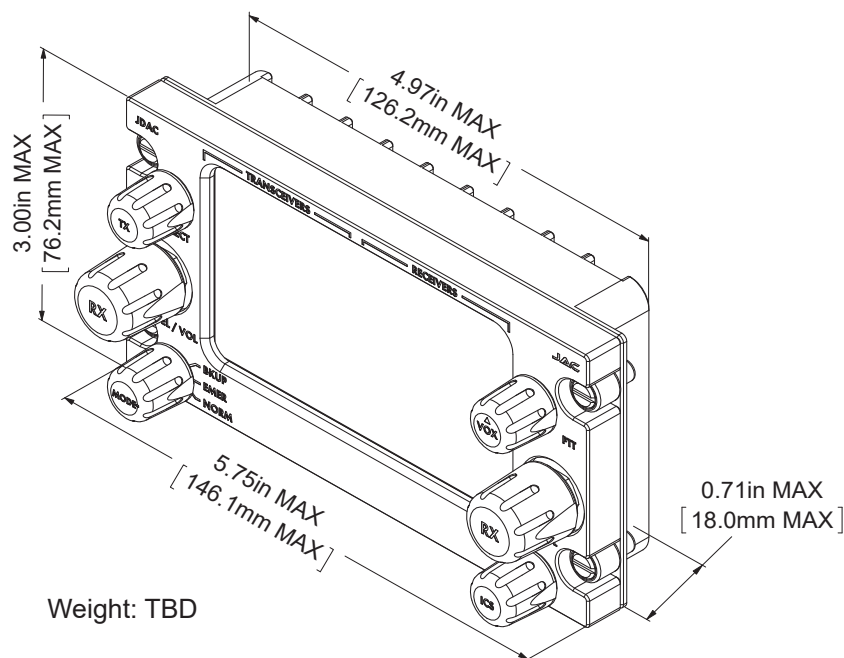
# System Diagram

## Installation



## Specifications

### Installation



## Preliminary Environment and Performance

Operational Temperature	-45 °C to +70 °C
Survival Temperature	-55 °C to +85 °C
Humidity	95%
Altitude	55,000 ft.
Shock	20g (any axis)
TSO Compliance	Contact JAC for TSO status
Installation Kit	INST-JDAC