



# JUPITER AVIONICS

C O R P O R A T I O N

## JA95-N22 and JA95-N32

### Audio Controllers for Air Medical Flight Operations

#### Data Sheet



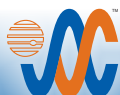
### Description

These compact, lightweight units have been specifically designed to meet the operational requirements of air medical flight crews. The functionality of this pair is equivalent to that in the NAT AA95-728 and AA95-729 controllers.

By using a Windows® based application (ProCS™), configuration settings may be changed via a 3.5mm jack on the front panel. Both units include field replaceable legends, either white or NVG compatible.

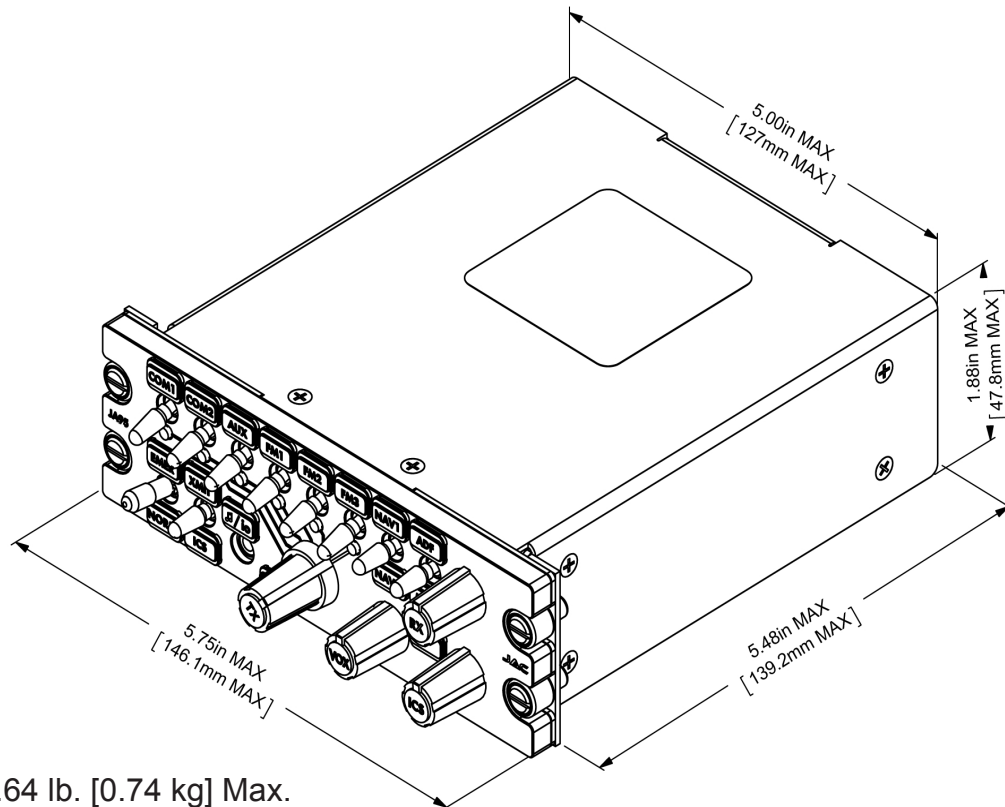
### Features

- ICS Tie Line Isolate function (JA95-N22)
- Call Switch (JA95-N32)
- Patient Audio on/Off function (JA95-N32)
- Up to 7 users per panel
- Field configurable settings
- Field replaceable legends
- Standard white or NVG compatible lighting
- Stuck microphone time-out
- Adjustable output and input levels
- Balanced ICS, CVR, Rx Comp. & transmit mic. outputs
- Adjustable CVR output level
- Configurable call alert message (JA95-N22)
- Front panel music input
- 5, 14 and 28 Vdc lighting voltage selection
- Music muting
- **Built in adapter for Non-Aircraft Radios**
- **Duplex mode transmission for cell phone operation**
- 5.48 inches [139mm] depth behind panel (not including connectors)
- Individual mic. gating
- **Tx capability for up to 4 users** (2 per unit)
- Transmit select annunciators



# JA95-N22 and JA95-N32

## Installation



## Environment and Performance

Transceivers	6 Comm. transceivers
Receiver Input	5 Receivers + 1 Direct, 2 Music Inputs, 1 ICS Tie
Number of Headsets	7 users: Pilot, Co-pilot, 5 passengers
Electrical	Power Lighting
	14 to 28 Vdc @ (1.4 to 0.7A) max <10mA @ 5, 14, 28 Vdc
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	100 mW into 600 ohms
TSO Compliance	FAA TSO C139 & TC CAN-TSO C139
DO-160F Env. Cat.	[(C4)(D1)(A1)X]BAB[(SBM)(U2FF1)]XXXXXXZ[(ZXX) (BXX)]AZ[ZC][RR]H[A3J33] XXXX
Installation Kit	INST-JA95