



## JA23-001 Speaker Amplifier - 10 Watt

### Data Sheet



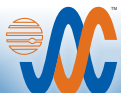
### Description

The JA23-001 is a 10 Watt remote mount speaker amplifier with an external volume control which allows the crew to monitor receive audio in the aircraft cabin.

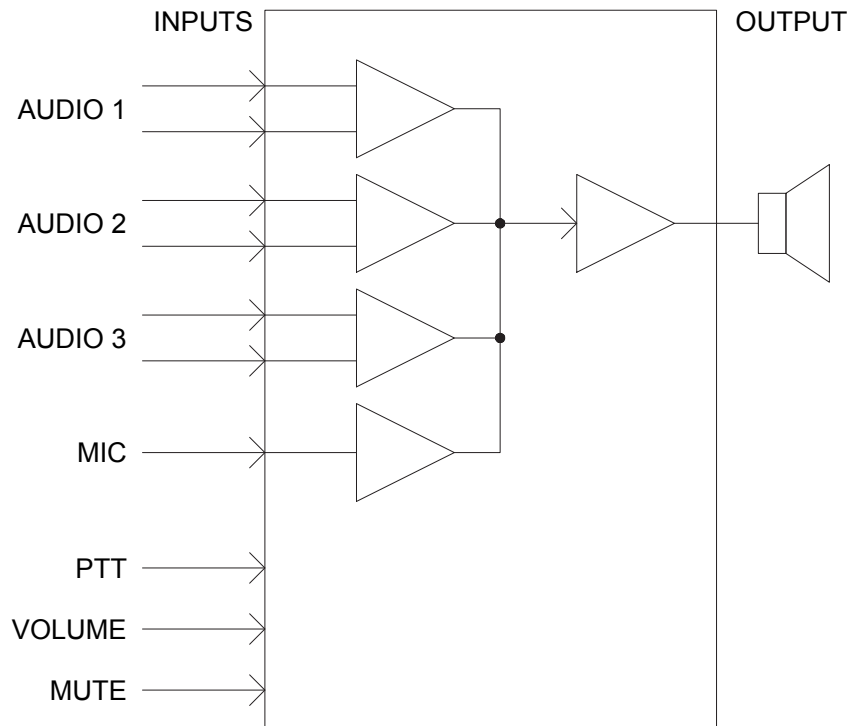
Three differential audio inputs allow mixing of audio before being routing to output port. A separate single ended microphone input with mic bias allows direct connection to legacy audio panels.

### Features

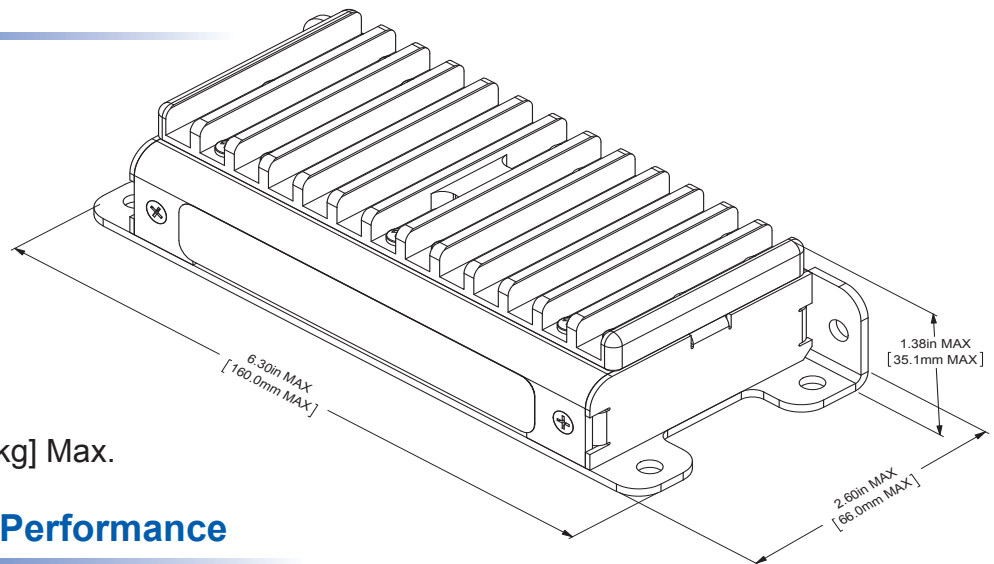
- Single speaker output with up to 10 Watts of audio power.
- Supports common network loudspeaker impedances of 3.2 Ohms and higher.
- Three differential audio inputs are provided with allowable input levels from 1Vrms to 2.5Vrms.
- One microphone input with bias voltage.
- 30 dB of adjustable output
- Supports both speaker mute and Push-to-talk functions.



# JA23-001 Block Diagram



## JA23-001 Specifications Installation



Weight: 0.68 lb. [0.31 kg] Max.

## Environment and Performance

Electrical Power	28 Vdc @ 1.0 A typical
Operating Temperature	-45 °C to +70 °C
Survival Temperature	-55 °C to +85 °C
Altitude	50,000 ft. max
Shock, Crash Safety	6g, 20g for 11ms
TSO Compliance	Contact JAC for TSO status
Installation Kit	INST-JA23