



**CANYON**  
aeroconnect



# MODEL 380

Single Channel Audio Controller



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## Single Channel Audio Controller

### PRODUCT FEATURES

The Model 380 is designed for a variety of aircraft cockpit applications. The design provides flexibility to accommodate custom front panel configurations and switch arrangements.

This unit is capable of receiving audio input from up to 13 receivers, stereo music, five auxiliary unmuted inputs, oxygen mask microphone, six cabin microphones, and one observer microphone or hand mic.

Model 380 outputs support two pilot headphones, six cabin headphones, up to eight transceivers (radios) and CVR.

Each receiver input is controlled with a push on/push off volume control. The selected transceiver's audio/sidetone is automatically selected via the 'autocom' feature.

All mic inputs feature independent Dynamic VOX noise reduction capability.

Two independent interphone lines provide isolated or combined cockpit and cabin intercom (ICS) capability.

The emergency mode provides direct connection between the pilot's headset and either Com 1 or Com 2, whichever is configured at time of install.



### Technical Specifications

#### Features

- Up to 8 Transmit Radios
- 5 Nav Receiver Inputs
- 5 Unswitched Inputs
- 2 Crew Headsets
- Up to 6 Passenger Headsets
- Stereo Music Inputs
- Dynamic VOX Noise Reduction

#### Mechanical

Height: 2.62"  
Width: 5.75" front,  
4.9" rear  
Depth: 4.0" excluding mating  
connectors  
Weight: 1.8 lbs. (max.)

#### Compliance

DO-214, DO-160D, TSO-C50c  
Env. Cat: [(A2)(F2)]-BAB[TU]  
XXXXXXZ[BZ]AZAUM[XXC2]XXA  
Note: Sinusoidal vibration test was  
extended to 2 KHz.

#### Environmental

Temperature: -67° to +158°F  
Altitude: -15,000 to 70,000ft



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Canyon AeroConnect is a global supplier of avionic-standard aircraft communications, navigation and audio/intercom systems