

# Model 250, 251

Speaker/Paging Amplifier

2009 Data Sheet

# COBHAM

The most important thing we build is trust

The Model 250/251 Speaker/Paging Amplifier are 60-Watt stereo units designed to combine the paging functions necessary to any business-class aircraft with high-quality stereo audio for entertainment.

Specifically designed for the OEM aircraft market, the Model 250/251 are performance upgrades from the existing Model 240.

The Model 250/251 Differential Stereo Inputs reduce problems associated with interfacing to stereo CD players and cassette tape players and have additional inputs for TV (2), ADF (2), Paging Mic, and Briefer.

Designed for remote control from cockpit or cabin, the Model 250/251 have Paging/Briefer and RCVR master volume controls, and Stereo Left and Right speaker outputs capable of

driving up to 60 Watts (30 x 2) continuously into 2 ohms.

Additional features are PA Sidetone output for connection to pilot stations, Seat Belt/No Smoking Chime (2 tone Hi/Lo) and Cabin Ringer Tone (telephone style ringing tone) which supports the addition of a cabin intercom.

Model 251: Has additional connector at rear for headphone distribution amplifier.



## Features:

- Over-temperature / over-current protected
- Pin for pin and mounting compatible with Model 240 Cabin Paging Amplifier
- Distortion less than 0.25%, 30 Hz to 20 KHz
- Adjustable output frequency response allows compatibility with varying speaker types & sizes
- Quick-latching, high-density D-subminiature connectors aid installation & removal

## Mechanical:

Weight 2.5 lbs. (max.)  
Height 2.5"  
Width 4.9"  
Depth 7.8" (excluding mating connector)

## Compliance:

DO-214, D0-160C, TSO-C50c  
Env. Cat.: [A2F2]-BA(CL)XXXXXXZ(BZ)AAATZ(XXC2)XX

For further information please contact:

**Cobham Avionics**  
Communications  
14 - 1925 Kirschner Road  
Kelowna, BC Canada V1Y 4N7  
Tel: (888) 763-2232  
Fax: (250) 762-3374

For technical specifications, see Install & Ops manuals on website.