

Model 3110

Audio Control Panel

2009 Data Sheet

COBHAM

The most important thing we build is trust

The Model 3110 Audio Control Panel (ACP) has been designed for the modern corporate cockpit, and offers the same 'look and feel' and operational features as the digital 4110 ACP. By incorporating analog interfaces for all radio and audio connections, the 3110 can be used for new and retrofit installations and will connect with all existing commercial aviation radio systems.

The Model 3110 is capable of supporting a large complement of radios, something that is becoming a greater requirement in today's corporate aircraft. With integrated service

interphone and Call features, the 3110 also addresses the communication needs between the cockpit and the cabin.

Today's aircraft have many warning/advisory signals that need to be heard by the flight crew. Older audio systems are usually severely limited in the number of warning signals that can be supported which can become a complicated and costly exercise when you need to comply with the new requirements for warning systems (e.g., TCAS, TAWS, EGPWS, etc.).

The Model 3110 has been designed with the modern cockpit in mind, with 5 direct

(unswitched) warning audio inputs. The new audio input design provides constant loading regardless of the number of radios selected on, preventing changes to the radio audio level heard by the pilots. Filtered connectors and fully floating inputs provide high crosstalk resistance and reduce noise.

Each panel is fully self-contained with solid state modular plug-in construction, sealed switching devices for low noise and gold switch/relay contacts for long life and dependable operation.



Features:

- Support for 6 transceivers plus PA
- Support for 7 nav receivers
- All radio inputs have individual volume controls
- 5 aux/warning inputs
- Integrated speaker amp
- VOX intercom
- Voice/ident filters
- CVR output
- Mask/boom mic switching
- Emergency mode operation
- Integrated Service interphone
- Integrated CALL tone
- Can be used with any radio package (analog interface)

Mechanical:

Height	3.00"
Width	5.75" front
Depth	6.05" excluding mating connectors
Weight	3.5 lbs. (max.)

Compliance:

DO-160E
Env. Cat: [(A2)(F2)-]BAB[(RBB1)(HR)(U2F)]XXXXXXZ[BZ]AZ[AC][RR]H[A2C3X]XXAX

For technical specifications, see [Install & Ops manuals on website.](#)

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