

N335

Dual User Audio Controller

2009 Data Sheet

COBHAM

The most important thing we build is trust

The next generation N335 series audio panels combine new technology with the modular design of the N301A family, plus the flexibility and control of the AA97 series. The N335 supports two operators with either high or low impedance headsets and contains selectable, fully redundant backup power supply, audio amps, ICS bus, and secondary volume pots.

Filtered connectors and fully floating inputs provide high crosstalk resistance and prevent ground-loop or common mode noise. Mic outputs can be individually adjusted for each transceiver, and headset impedance output is selectable for better matching.

The new input design provides constant loading regardless of selection to avoid level shifts with selected signals. Each panel is self-contained, with solid state modular plug-in construction, sealed switching devices for low noise and gold switch/relay contacts for long life.

The N335 can be utilized in new installations where single or multiple user networks are required. User controlled features of the N335 include separate RX and ICS volume, LIVE or VOX ICS function switch, ICS VOX level, up to 14 individual on/off volume controls for each Com and Nav input, 8 position transmit select,

and a NORM/EMER switch for selection of the redundant system circuits. Rear panels include an ICS Call button for alerting the forward controls when in a "Split" ICS mode. There are 6 additional direct inputs for alerting or warning functions.

Other features of the N335 series include a CVR output, TX LED, ICS Call LED, Emergency LED, a composite output of all selected receive channels, and sidetone input for a PA system.

The N335 is offered with 28 VDC standard Blue/White or NVG compatible/compliant lighting.



Features:

- Up to 14 adjustable level controls
- Support for 2 operators
- High crosstalk filtering
- Fully redundant emergency circuits
- High/Low impedance headset support
- 3 ICS modes LIVE/KEYED/VOX
- CVR output
- ICS Call function

Mechanical:

Height	2.625" (7 coms)
	3.375" (7 coms, 7 navs)
Width	5.75" front, 5.0" rear
Depth	4.7" excluding mating connectors
Weight	3.0 lbs. (max.) (7 coms)
	3.5 lbs. (max.) (7 coms, 7 navs)

Compliance:

DO-160C, Cat. N, P

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

For further information please contact:

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