

N301A

Single User Audio Controller

2009 Data Sheet

COBHAM

The most important thing we build is trust

The N301A provides upgraded performance in a plug compatible replacement for the A301-6. Many improvements have been incorporated such as extensive noise suppression and fully floating inputs to remove ground-loop or common mode noise. Both high and low impedance headsets are supported and mic outputs can be individually adjusted for each transceiver.

The N301A can be utilized in new installations where single or multiple user networks (up to 10 stations) are required. User controlled

features of the N301A include split RX and ICS volume controls, VOX squelch control, an additional RX input for the AUX TX position and an extra Nav Aid position. Additional internal inputs have been added to improve airframe alerting capability. 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. Other features of the N301A include a CVR output, TX annunciator light, Emergency mode switch, and a second

connector to permit supplemental inputs with two additional ICS busses to support more complex ICS networks. A VOX circuit and front panel control on the N301A series provide the convenience of voice activated intercom.

The N301A is available in standard configurations or customized panel layouts, with 5 VDC or 28 VDC standard White lighting, plus optional NVG friendly/NVIS compliant lighting.



Features:

- Replacement for A301-6
- 2 ICS Tie Lines (NAT, Andrea)
- Dual ICS bus
- Custom configurable
- Supports high/low impedance headsets
- Up to 6 TX selections
- 4 direct inputs
- 3 ICS modes LIVE/KEYED/VOX
- CVR output

Mechanical:

Height	2.625"
Width	5.75" front, 5.0" rear
Depth	3.7" excluding mating connectors
Weight	1.75 lbs. (max.)

Compliance:

DO-160C Env. Cat. B4-BA[MNY]XXXXXXABABAZAXXX
DO-170 Class 1b
TSO-C50c

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

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