



G7257-01 shown

G7257-() Audio Control Panel

GENERAL SPECIFICATIONS

Dimensions

- 4.485 in/113.9 mm (height) x 5.735 in/145.7 mm (width) x 6.5 in/165.1 mm (depth), including rear connectors

Weight

- 3.5 lbs/1.6 kg (max)

Electrical Requirements

- Power 28 VDC
 - Normal Operation 10 Watts (typical)
 - Normal Operation, Panel Lights at Full Bright 13 Watts (max)
 - Lamp Test 16 Watts (max)
- Panel Dimming * 0 - 5 VAC

* Minimal current required – only used for brightness level control

Connectors

- J1 Mating: M83723/75R2041N, or equivalent 41 pin connector
- J2 Mating: M83723/75R1831N, or equivalent 31 pin connector
- J3 Mating: M83723/75R20418, or equivalent 41 pin connector



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Color

- Front Panel – Boeing Brown BAC #8328 or Gray FED STD 595b36118
- Rotary Knobs – Boeing Beige BAC #8925 or Gray FED STD 595b36118
- Volume Knobs – Clear plastic (Markings - White FED STD 595b37875)
- Front Panel Markings – White FED STD 595b37875 (Futura Medium Condensed font)
- Push Buttons – Non-reflective Black FED STD 595b37038

Compliance

- RTCA/DO-160E (Environmental), RTCA/DO-178B (Software), RTCA/DO-214 (Audio)
- ARINC 720, ARINC 736A
- Boeing D6-52191-1

Certification

- TSO-C139
- B757-200/300

Features

- Interfaces directly to VHF and HF radios (no AMU required)
- Digital controller for functional flexibility
- Controls two SATCOM channels
 - Flashing incoming SAT call annunciation
 - Steady “Call Connected” annunciation
 - Control output for external chime (incoming calls)
 - Flashing “Call On-Hold” annunciation
 - Call can be connected/disconnected from any station
 - Automatic 5 second SAT call reconnect (following call disconnect)
- Annunciates and resets SELCAL alerts
- Ground Call activation via FLT MIC/MECH pushbutton (when button held for 1 second minimum)
- Liquid splashproof design
- Reliable switch design (>1 million actuations)
- LED lighting
- Sun-light readable MIC selector indication
- Voice/Both/Range Filter
- Non-volatile storage of front panel settings
- Modular design provides flexibility for custom layouts
- Modular construction allows economical maintenance
- MTBF (Calculated): 16,000 operating hours



G7257-11 shown
(Gray version of G7257-01)



G7257-02 shown
(OXY/BOOM selection via input discrete)

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Proprietary Information
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