



G7461-01 shown

G7461-() Audio Control Panel

GENERAL SPECIFICATIONS

Dimensions

- 3.36 in/85.3 mm (height) x 5.735 in/146 mm (width) x 5.5 in/140 mm (depth), excluding rear connector

Weight

- 2.5 lbs/1.1 kg (max)

Electrical Requirements

- Power 28 VDC
 - Normal Operation 2.5 Watts (typical)
 - Normal Operation, Panel Lights at Full Bright 2.9 Watts
 - Lamp Test 3.5 Watts (max)
- Panel Lighting* 0 - 5 VAC

* Minimal current required – only used for brightness level control

- Bi-directional ARINC 429 interface to TEAM AMU2790

Connectors

- J1 Mating: MS3476L16-26S, or equivalent 26 pin connector

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Color

- Front Panel – Blue Gray FED STD 595b35164
- Front Panel Markings – White FED STD 595b37875 (DIN Regular font)
- Push Buttons – Non-reflective Black FED STD 595b37038

Compliance

- RTCA/DO-160G (Environmental), RTCA/DO-178B (Software), RTCA/DO-214 (Audio)

Certification

- TSO-C139

Features

- Liquid spill-proof design
- Reliable switch design (>1 million activations)
- Volume controls and toggle switches securely fastened to front metal
- LED lighting
- Sun-light readable MIC selector indication
- Built-in-test (BIT)
- Flash technology to support bench-level reprogramming using a PC
- Non-volatile storage of front panel settings
- Modular design provides flexibility for custom layouts
- Modular construction allows economical maintenance
- MTBF (Calculated): 25,000 operating hours
- Multiple front panel functions/control panel configurations available (see selection in table below)



G7461-02 shown



G7461-03 shown



G7461-04 shown

Gables PN	Team PN	Features
G7461-01	ACP2788AA/AB	Full configuration
G7461-02	ACP2788AC	Removes MLS legend
G7461-03	ACP2788AB05/AD	- Removes MLS legend - LS legend instead of ILS
G7461-04	N/A	- Adds SATCOM functionality - Replaces HF2 with SAT - HF legend instead of HF1 - Interfaces to Non-SAT AMU (AMU2790) - Call Answer, On-Hold, Disconnect

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Proprietary Information
 9/4/13 ♦ Rev. 03