



G7610-21 shown (actual size)

G7610-() VHF COMM Control Panel

GENERAL SPECIFICATIONS

Dimensions

- 2.625 (height) x 2.375 (width) x 5.370 (depth) inches, excluding rear connector

Weight

- 1.1 pounds (max)

Frequency Range

- 118.00(0) to 136.97(5) MHz by 25 kHz steps
- 118.000 to 136.990 MHz by 8.33 kHz steps

Optional extended range available via rear pin:

- 116.000 to 117.975 MHz, 137.000 to 151.975 MHz by 25 kHz steps

Electrical Requirements

- Power (Including All Lighting) 28 VDC, 7.0 Watts (max)
- Panel/Display Lighting (Blue/White LEDs) 0 – 5 VAC/DC or 28 VDC

Connectors

- J1 Mating: MS3476L24-61SW, or equivalent 61 pin connector



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Color

- Front Panel – Non-reflective Gray FED STD 595b36118 or Black FED STD 595b37038
- Knobs – Non-reflective Black FED STD 595b37038
- Front Panel Markings – White FED STD 595b37875 (Futura Medium Condensed font)
- Push Buttons – Non-reflective Black FED STD 595b37038

Compliance

- RTCA/DO-160D (Environmental), RTCA/DO-178B (Software), RTCA/DO-186A (VHF COMM)
- ARINC 429, ARINC 566A (COMM), ARINC 716, ARINC 720, ARINC 750

Certification

- TSO-C37d, TSO-C38d

Features

- First Minima Twisted Nematic (FMTN) LCD Display
- Blue/White LED display and panel lighting for higher reliability
 - White or amber color display and NVIS options available (variant dependent)
- Active frequency on the upper display, standby on the lower (direct active tuning capable)
- Single knob stack for standby or direct active frequency selection
- Transfer button for active and standby frequency interchange
- 8.33/25 kHz selection capable
- Liquid splash-proof design
- Built-in-test (BIT) capability
- Flash technology to support bench-level reprogramming using a PC
- ARINC 566A capable
- ARINC 429 capable
- CSDB capable
- Volume control
- VDL Mode 2 capability
- Squelch disable via comm TEST push button
- DATA mode selection via frequency selector
- Non-volatile storage of front panel settings and memories
- Modular design provides flexibility for custom layouts
- Modular construction contributes to economical maintenance
- 4 memory channels per mode
- MTBF: 20,000 operating hours



G7610-22



G7610-121



G7610-122

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Proprietary Information

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