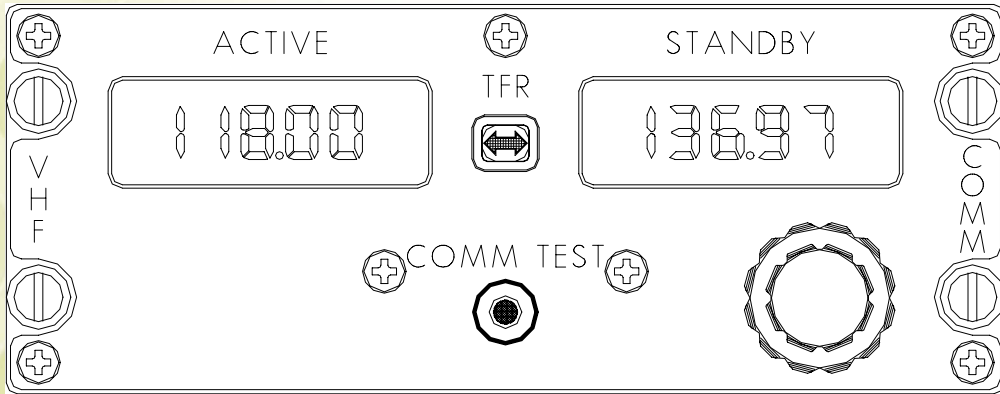


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G7412-01 VHF COMM Control Panel

GENERAL SPECIFICATIONS

Dimensions

- 2.235 (height) x 5.735 (width) x 5.0 (depth) inches, excluding rear connector

Weight

- 2.0 pounds (max)

Frequency/Channel Ranges

- The default VHF frequency range is from 118.00 to 136.97 MHz using 25 kHz spacing (135.97 MHz if extended range is disabled, 136.990 MHz if 8.33 kHz spacing is selected).

Electrical Requirements

- Control Panel 28 VDC, 7.0 Watts (max)
- Panel Lighting (Incandescent White) 0-5 VAC variable, 3.3 Watts (max)
- LCD Lighting (Incandescent White) 0-5 VAC variable, 4.5 Watts (max)

Connectors

- J1 Mating: BACC63CB16-24SN, or equivalent 24 pin connector



G7412-01 VHF COMM Control Panel

Color

- Front Panel – Non-reflective Gray FED STD 595b36118
- Knobs – Non-reflective Gray FED STD 595b36440
- Front Panel Markings – White FED STD 595b37875 (Futura Medium font)
- Push Buttons - Non-reflective Black FED STD 595b37038

Compliance

- RTCA/DO-160C (Environmental), RTCA/DO-178B (Software), RTCA/DO-186 (VHF COMM)
- ARINC 429, ARINC 716, ARINC 720, ARINC 724B, ARINC 750

Certification

- TSO-C37d, TSO-C38d
- B717

Features

- Variable rate tuning for rapid selection of 8.33 kHz channels
- Squelch disable via COMM test push button
- DATA mode selection via frequency selector
- DATA capable
- 8.33 kHz capable
- Liquid spill-proof design
- Built-in-test (BIT) capability
- Non-volatile storage of front panel settings
- Modular design provides flexibility for custom layouts
- Modular construction contributes to economical maintenance
- VDL Mode 2 upgradeable
- MTBF (Calculated): 20,000 operating hours

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Proprietary Information

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