



G7403-03 Dual ADF Control Panel

GENERAL SPECIFICATIONS

Dimensions

- 2.610 (height) x 5.735 (width) x 5.0 (depth) inches, excluding rear connectors

Weight

- 3.5 pounds (max)

Frequency/Channel Ranges

- The ADF frequency range is from 100.0 to 1799.5 kHz using 0.5 kHz spacing.
- The optional extended range is from 2100.0 to 2199.5 kHz using 0.5 kHz spacing.

Electrical Requirements

- Power 115 VAC @ 400 Hz, 6.0 Watts (max)
- Panel Lighting (Incandescent White) 0-5 VAC variable, 2.4 Watts (max)
- LCD Lighting (Incandescent White) 0-5 VAC variable, 4.5 Watts (max)

Connectors

- J1 Mating: M83723-75R16246, or equivalent 24 pin connector
- J2 Mating: M83723-75R16249, or equivalent 24 pin connector



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Color

- Front Panel – Non-reflective Gray FED STD 595b36118
- Knobs – Boeing Gray BAC #705
- Front Panel Markings – White FED STD 595b37875 (Futura Medium font)
- Push Buttons- Boeing Gray BAC #705

Compliance

- RTCA/DO-160C (Environmental), RTCA/DO-178B (Software), RTCA/DO-179 (ADF)
- ARINC 429, ARINC 712, ARINC 720

Certification

- TSO-C41d
- B737-600/700/800/900

Features

- Two independent and electrically isolated sets of electronics
- Rotary selector instead of toggle switch for TONE function
- Concentric TEST button provides a cleaner front panel interface
- Software upgrades through in-circuit programming
- ANT/ADF annunciation at the selector and the displays
- Liquid spill-proof design
- Built-in-test (BIT) capability
- Non-volatile storage of front panel settings
- Modular construction contributes to economical maintenance
- MTBF (Calculated): 15,000 operating hours

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Proprietary Information
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