



## G7402-01 Single ADF Control Panel

### GENERAL SPECIFICATIONS

#### Dimensions

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

#### Weight

- 2.0 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, 3.0 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: M83723-75R16246, or equivalent 24 pin connector



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## Color

- Front Panel – Boeing Brown BAC #8328
- Knobs – Boeing Beige BAC #8925
- Front Panel Markings – White FED STD 595b37875 (Futura Medium font)

## Compliance

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

## Certification

- TSO-C41d
- B757, B767

## Features

- Active frequency indication via TFR switch and annunciators over the displays
- Independent knob stacks for active and preset frequencies
- 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): 20,000 operating hours

## Gables Engineering Inc.

247 Greco Avenue, Coral Gables, Florida 33146

Tel: (305) 774-4400 • Fax: (305) 774-4465

[www.gableseng.com](http://www.gableseng.com)

Proprietary Information

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