



## DAC International, Inc.

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### GDC31 Roll Steering Converter with ARINC 429

Model: GDC31

Manufacturer: DAC International, Inc. [[Quote sheet below](#)]



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#### Product Description

Now you can fly an entire flight plan hands-free with the cutting edge technology of the GDC31 Roll Steering Converter. This autopilot accessory produces a Roll Sum Steering (RSS) signal from the RS-232 or ARINC 429 data available from your GPS receiver. The GDC31 implements the same steering law used for years in Inertial Navigation Systems to guide air transport aircraft around the world. Using the GDC31 annunciator/selector switch, simply select between heading mode and GPS mode. In GPS mode, the GDC31 couples to the autopilot's heading channel, calculating the correct enroute flight path and intercept angles from the GPS course data. In heading mode, the autopilot operates as always, tracking the heading bug. The GDC31 interfaces with S-TEC, King, Century, and other autopilots, and provides DAC customers with an affordable way to retrofit existing aircraft systems with state of the art capability.

#### Related Files/Documents

##### Certifications and Eligibility

- [GDC31-FAA PMA.pdf](#)
- [GDC31-STC and AML.pdf](#)

##### Documents and Notes

- [GDC31-Flight Manual Supplement.pdf](#)
- [GDC31-Svc Info Ltr-King GPS Recvr Incompatibility.pdf](#)
- [GDC31-Svc Info Ltr-Holding Patterns and Procedure Turns.pdf](#)
- [GDC31-STC Permission Statement.pdf](#)
- [GDC31-Instructions for Continued Airworthiness.pdf](#)
- [GDC31-Installation Manual \(RevM12\\_4\\_07\).pdf](#)
- [GDC31 Brochure.pdf](#)

##### Manual Supplemental Drawings

- [GDC31-Revised KFC150 with KI525A, Fig23, Pg65..pdf](#)
- [GDC31-KFC200 with KA-118 and KPI-550A.pdf](#)
- [GDC31-Revised Century II or III with NSD360A Fig11 Pg53.pdf](#)
- [GDC31-Revised KFC200-300 Series with KI525A-Fig24, Pg66.pdf](#)

#### Quote Sheet

Dealer prices are only available when you are signed in or create an account with us. To sign in, [click here](#); to create a new dealer account, [click here](#)

P/N	Name	List
1049-4000-03	GDC31 Roll Steering Converter with ARINC 429	\$1,260.00
1049-4201-20	GDC31 Annunciator w/14 & 28 volt lamps	\$365.00
1049-4801-01	GDC31 Isolation Coupler	\$200.00
1049-4200-20	GDC31 Connector & Manuals	\$100.00
1049-4200-50	GDC31 Isolation Coupler Install Kit	\$67.00