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PRODUCT DATA SHEET



SKYQUEST AVIATION

SPECIALIST EQUIPMENT FOR AIRCRAFT

OTHER PRODUCTS

AIRCRAFT VIDEO/VGA DISPLAYS

- » 4" Display
- » 6.5" Display
- » 8.4" Display
- » 9" CRT Display
- » 10.4" Display
- » 12.1" Display
- » 15" Display
- » 18" Display
- » 20.1" Display

AIRCRAFT VIDEO RECORDERS

- » Mini DV Recorder
- » 4 hour DV Recorder
- » 3 Hour DV CAM Recorder
- » SHVS Recorder
- » Hard Disk Digital Recorder

MOVING MAPS

- » EuroNav IV Generation (2nd RN6) System
- » Ground Base Tracking & Communication System

DIFFERENTIAL GPS

- » Differential GPS (DGPS) Standard & High Performance System

VIDEO / RADAR CONVERTERS

- » RDR 1500 Radar Converter

AIRCRAFT

INSTALLATION / BRACKETS

- » NVG Cockpit Equipment Modifications
- » Camera Brackets & Equipment Consoles

MICROWAVE LINKS / DATALINKS

- » Long Range Automated Steerable Tracking Datalink System
- » Low Cost Short Range Omni-Direction System

CARGO HOOK CAMERA

PRODUCT DATA SHEET

4 WAY GPS DISTRIBUTION AMPLIFIER

Part number: GDA-04

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GPS DISTRIBUTION AMPLIFIER

4 WAY AIRCRAFT GPS DISTRIBUTION

ABOUT SKYQUEST AVIATION

Skyquest Aviation supply a range of airborne role equipment specifically designed to enhance the capability of surveillance & utility aircraft. Products include ruggedised video recorders in digital tape, hard disk, flash disk and analogue tape formats and a wide range of multi function LCD video displays, GPS based moving maps, differential GPS decoders, radar converters, cargo hook cameras, microwave link systems and NVG equipment & services.

PRODUCT INFORMATION

The GDA-04 is a compact, rugged GPS distribution amplifier designed for use on aircraft where 1 single antenna needs to provide up to 4 outputs.

The unit is designed to be powered by any single GPS receiver that is capable of powering an external active antenna. This receiver is connected to port 1 which will power an active antenna attached to the 'ANT' socket of the unit.

Up to three further receivers can be attached to the remaining ports. A small DC load is provided on the remaining ports to allow other receivers internal circuitry to detect an external antenna input.

Features include:

- Will provide signals to 1,2,3 or 4 connected receivers
- Small & lightweight
- Rugged, proven design for harsh environments
- Sealed to IP66



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GDA-04 4 WAY GPS DISTRIBUTION AMPLIFIER

Frequency Range:	1550MHz to 1615MHz
Gain:	10dB
Gain Flatness:	±0.25dB
Noise Figure :	<2dB
Input Supply:	+2.5V to +5.0V DC (Through RX1 port)
Current consumption:	<20mA (+ active antenna current)
Antenna Supply:	Same as Input Supply
Connectors:	SMA Female (N type, BNC, F type, MCX and SMB options)
Dimensions:	120mm X 85mm X 18mm
Mass:	250g
Sealing:	to IP66

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