

PROJECT # 1211 7067 PO # 6195

# Serial GPS for Cobalt, ASC/3 Controller or ASC/2M Master

INSTALLED W/  
CABINET

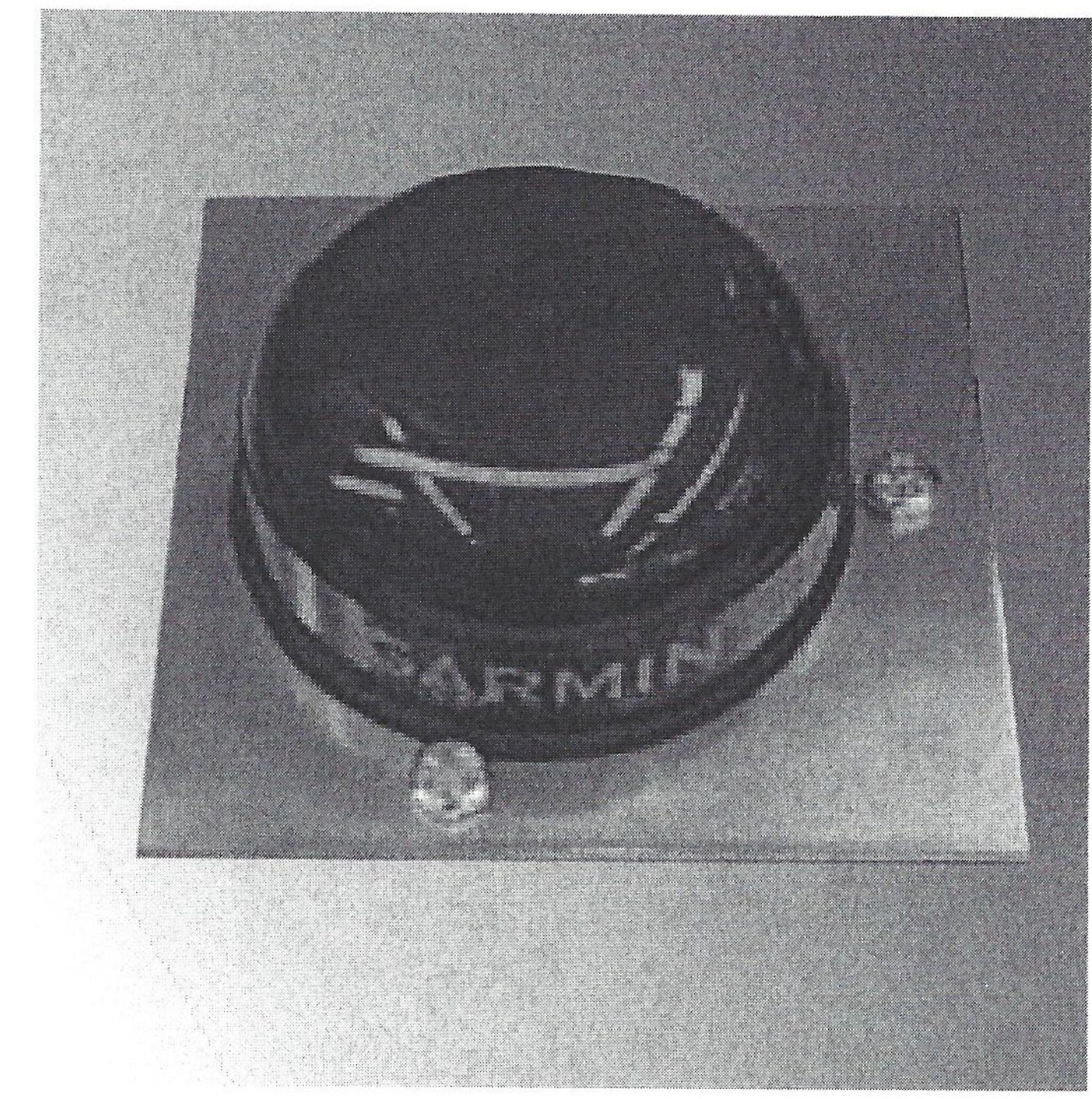
## About GPS

We provide two different assemblies for serial connection of GPS to ASC/3, Cobalt™ controllers and ASC/2M masters. Both include a fused connection to the cabinet 24VDC, a cable to connect to the Garmin antenna, a mounting plate and gaskets for the antenna and a cable to connect to either a 9 pin or 25 pin serial connector.

For clarification, our direct serial interface provides the physical cable connection between the GPS antenna and controller as well as a fused 2-wire lead to power the GPS antenna from the controller cabinet. The serial cable can be provided with a DB9 or DB25 connector and pinned as required for compatibility with the controller. The data communicated through the serial interface to the controller is purely a function of the GPS antenna (Garmin • -34.6°F to +165°F (-37°C to +74°C) a default baud rate of 4800 (adjustable if necessary), 8 data bits, and no parity. The data interface protocol is based on the National Marine Electronics Associations (NMEA) 0183 ASCII interface specification. The standard is fully defined in NMEA 0183, Version 3.0 and may be obtained at [www.nmea.org/](http://www.nmea.org/) Details for the Garmin GPS antenna are available at [http://static.garmincdn.com/pumac/GPS16HVS\\_TechnicalSpecifications.pdf](http://static.garmincdn.com/pumac/GPS16HVS_TechnicalSpecifications.pdf).

## Part Number and Description

- 171-1369-501 - GPS 16X with DB9 Cable Assembly
- 171-1369-502 - GPS 16X with DB25 Cable Assembly



## Basic Specifications

- Temperature
  - -34.6°F to +165°F (-37°C to +74°C)

