

AGC MARINE Telecom

Z.I. Les Trois Moulins – EURO 92 – 282, rue des Cistes
06600 ANTIBES
FRANCE

Tél. : +33 (0)4 92 91 96 08 – Fax : +33 (0)4 93 74 47 51 – E-Mail : info@agcmarine.com



Sea Tel DAC-2202

The DAC-2202 Antenna Control Unit has been designed and manufactured so as to be inherently reliable, easy to maintain, and simple to operate. Except for start-ups, or changing operation with different transponders or satellites, the equipment essentially permits unattended operation. The DAC-2202 is housed in a standard 19" x 1.75" rack mount enclosure. The front panel contains function keys used to select the desired information to be displayed, and/or changed. Data is displayed on a 2 line 20 character display. All external connections are made through connectors mounted on the rear panel. The DAC-2202 automatically calculates the Elevation, Azimuth and Polarization pointing angles based on the ships Latitude, Longitude and the desired Satellite Longitude position. A programmable pattern search will automatically scan the area for a desired satellite if no signal is found. These two features make locating a new satellite very easy. The DAC-2202 requires satellite signal input to its internal Satellite ID Tracking Receiver to keep the antenna peaked on satellite. This internal receiver is a DVB compliant DSS compatible Satellite Identification receiver. Its input allows full coverage wide L-Band (950 to 2150 MHz) for tracking video transponders in all TVRO satellites and may be set to Single Channel Per Carrier (SCPC), or Narrow Band IF (NBIF) mode to allow tracking an L-BAND satellite beacon or narrow band data carrier.

SPECIFICATIONS

- 3 RS-232/422 Serial ports
- 1 full function M&C and 2 NMEA ports for heading or GPS input and modem compatible reformatted GPS output
- 1 Ethernet port
- Allowing 2 full function TCP/IP M&C ports
- Multi-user HTML interface port for viewing and setting all DAC parameters and viewing the current DAC status
- UDP download port for updating the software in the Comm Interface
- FLASH programmable software modules for easy system updates and maintenance
- Consolidation of 5 separate PCB assemblies into one main integrated board for ease of assembly and service plus improved reliability