

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 Model 8897

Sea Tel's Model 8897 is a basic system for coastal operation, available for both C-band and Ku-band. The C-band version lets you receive TV from C-band satellites including the Asiasat, Palapa, and Panamsat series of satellites in the Far East and Panamsat in the Middle East and Africa. The Ku-band version is optimized for service in European and Asian waters, and anywhere Ku-band is available. Sea Tel's Series 97 three-axis satellite tracking system gives you more reliable TV reception in bad weather. Stabilization and tracking accuracy is better than 0.2 degrees even when the ship is pitching 15 degrees or rolling 25 degrees.

SPECIFICATIONS

- Antenna Gain C-band: 36.8 dB at 4.0 GHz
- Antenna Gain Ku-band: 44.9 dB at 11.25 GHz
- Min. EIRP C-band: 32.6 - 33.5 dBW
- Min. EIRP Ku-band: 36.5 - 37.5 dBW
- Dish Diameter: 2.05 m; 82 in
- Radome Diameter: 2.8 m; 110 in
- Radome Baseframe: Galvanized steel; Optional Aluminum
- Antenna Stabilization: 3-axis servo
- Built-In GPS Provides Automatic Satellite Acquisition
- Ship's Motion: +/- 25° Roll or +/-20° Roll and +/- 15° Pitch
- Roll & Pitch Response Rate: Unlimited
- Azimuth Range: Unlimited turning
- Full Elevation Range: 0° to 90°
- Reception: Single C, Single Ku/C-band capability. Dual C-linear, Dual Ku-linear or circular, Dual C-band switched with Dual or Quad Ku-band linear, or simultaneous Dual C and Dual or Quad Ku-band capabilities
- RF Electronics: the proper choice of LNB's will be provided to match the ship's cruising area and satellite receiver selection.
- Ku-band: The entire frequency range for Ku-band satellite television is 10.7 to 12.75 GHz. LNBs covering this entire frequency band are available. However, this does not guarantee coverage in all areas. Proper polarization is also an issue as both linear polarizations (horizontal and vertical) and circular polarizations (left-hand and right-hand) are used, and one configuration is not compatible with the other.
- C-band: The C-band frequency range is 3.7 to 4.2 GHz worldwide. Sea Tel TV-at-Sea™ systems are delivered with C-band LNB noise temperatures of 15 to 25 degrees K. the IF frequency in all cases is 950-1450 MHz.
- Meets Navy MIL-STD-901D GRADE A shock standards and MIL-STD-461 EMI & RFI standards (including 200V/M)
- Accommodates any number of satellite receivers. Many TV sets may be installed onboard, each receiving its own programming from its satellite receiver
- Unmatched stabilization accuracy allows the system to detect the slightest motion that may affect the antenna's connection and correct as needed.
- Ready for multiple satellite selection.
- HD ready