



Seatel ST24 TV-at-Sea Antenna

Watch TV even at high latitudes. Select satellites with one touch operation. The ST24 is in the long line of how-did-we-ever-live-without-it TV-at-Sea marine stabilized antennas from Sea Tel. It features a greater elevation range than most standard antennas with 2 axes of stabilization and 1 axis of polarization. The high elevation range enables viewing TV at higher latitudes. The ST24 is available with automatic or manual skew control. Automatic skew control allows antenna to operate at optimal skew angle to receive satellite signal at maximum strength. Sea Tel's ST24 features high performance stabilization and satellite tracking. The ST24 eliminates the need of expensive upgrades when mounted on a tuna tower; a significant cost savings over competitive products.

The ST24 also features a state-of-the-art 4.3 inch touch screen Graphic Antenna Control Panel (GACP) as standard equipment. Compact size, large viewing area and easily recognizable icons makes operating the GACP fun. The GACP is sleek and simple to operate with many new innovative features. Some of these features include interactive and intuitive graphics user interface, satellite selection capability, extended list of presets, built-in in service and out of service test, backup GPS information and manual control for AZ, EL and pol.

The ST24 antenna system is easy to install since it uses standard off-the-shelf cables. The ST24 is compatible with most Ku-Band HDTV services worldwide and will support multiple satellite receivers.

Seatel ST24 Specifications

- Min. EIRP: 45 dBW
- Dish Diameter: 61 cm; 24 in
- Radome Diameter: 74 cm; 29.1 in
- Radome Height: 75.4 cm; 29.7 in
- Antenna Weight: 26.3 kg; 58 lbs
- Operating Temperature Range: -20°C to 55°C
- Storage Temperature Range: -40°C to 70°C
- Ship's Motion: Roll +/-25° / Pitch +/-15°
- Roll & Pitch Response Rate: >25°/s
- Azimuth Turn Rate: 15°/s
- Azimuth Range: 680°
- Elevation Range: -10° to 80°
- Polarization: Linear or Circular
- Skew Control: Automatic or Manual
- Mounting patterns: 9 in X 9 in or 12 in X 12 in (22.9 cm X 22.9 cm or 30.5 cm X 30.5 cm)
- Warranty: 2 years parts / 1 year labor

Graphical Antenna Control Panel (GACP) details:

- Display Type: 4.3 in (10.9 cm) TFT
- Front Panel: 6.3 in x 4.7 in (15.9 cm x 11.8 cm)
- Display Viewing Area: 5.4 cm x 9.5 cm
- Resolution: 480 x 272 WQVGA
- Backlight Display Type: LED
- USB Port: Mini-B
- Serial Interface: 9600 baud RS-232 Interface for diagnostics and computer interface
- DC Power Interface: 2 Screw Terminals
- Pedestal Interface: Type F (for FSK Communications)
- RS-232 Interface: 9 Pin Male D-Sub connector (DCE)
- Power Requirements: 10-30VDC (30 Watts Typ. / 40 Watts Max.)



MNS - solutions include

The VSAT expert

- GISat superyacht VSAT airtime. - Servicing Superyachts, cruise and offshore VSAT customers worldwide

Installation of telecom, satellite TV and entertainment systems

- Satcom: VSAT, Inmarsat, Iridium, Thuraya, etc.
- GSM, GPRS, UMTS, HSUPA, DECT, PABX, CCTV, Intercom, Paging systems
- Computers and Computer networks
- TV@sea and entertainment systems
- Lantic Entertainment System

Internet solutions

- High speed Internet via satellite
- Wireless internet for the entire yacht
- Wireless internet connection between yacht and shore
- Internet connection using "standard" methods as satcom, GSM and landline
- E-mail solutions

Telecom systems

- Newbuilds, refit, repair, & upgrade