

DBS TV-at-Sea

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Sea Tel<sup>®</sup>

04 Series



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Look to the Leader. Look to Sea Tel.

# 04 Series

## DBS TV-at-Sea

# TV has never looked so good... Or been so easy to manage at sea

Over the past decade, digital TV via satellite has become the standard for TV reception all over the world. Now with Sea Tel's patented antenna stabilization system and new touch screen controller, the TV choices you enjoy at home can be enjoyed at sea, all at the touch of a button.



**Sea Tel's 04 Series gives you quality, selection and manageability like never before:**

- More than 200 digital quality TV channels and over 30 channels of CD quality music
- Easy to use optional touch screen controller with built in test functions ensure proper system operation and troubleshooting
- The 04 Series antennas are compatible with the services provided by the industries leading satellite companies like DirecTV, DISH, Bell ExpressVu, Hotbird, Sky, Orbit and DirecTV Latin America
- All Sea Tel DBS TV-at-Sea systems accommodate any number of satellite receivers. Many TV sets may be installed onboard, each receiving its own programming from its satellite receiver.
- Four sizes to choose from, providing greater reception range and signal strength appropriate to your vessel and cruising area
- Unmatched stabilization accuracy allows the system to detect the slightest antenna affecting motion
- Operates quietly and utilizes a clean, modern design



**Hundreds of channels of news, sports, movies, entertainment, and CD quality digital music at your fingertips**



Main Screen

## The optional touch screen controller

A Sea Tel exclusive, the TSC-10 Touchscreen Controller allows you to automatically select the proper satellite, perform diagnostics and troubleshoot as necessary, all with just a "finger-touch".

**The main screen** – A single touch is all that is required to select any of the most popular satellites. From this screen you can also read heading, tracking levels or move on to specific diagnostics related to the antenna, satellites and set up modes.

**Figure 1** – This screen is an example of an antenna management screen. It shows the list of viewable satellites based on your vessel's position. Switching to a different satellite is just a touch away.

**Figure 2** – This screen indicates the 9-minute signal strength history being received from the selected satellite.

At all times the video screen shows what is outputting on your television, so the controller can be installed wherever is practical on your vessel and you can still refer to the image being viewed.

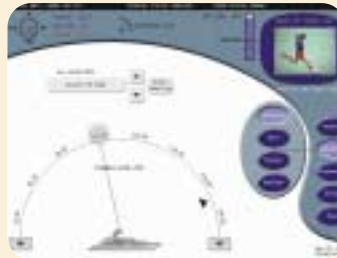


Figure 1



Figure 2

## The 04 Series offers:

- Four models to choose from, offering a greater range of reception and stronger signal strength than the competition
- Optional touch screen controller for easy antenna management
- Small, compact, attractive all-white radomes
- High performance stabilization and satellite tracking, even in the roughest seas
- DVB (Digital Video Broadcasting) signal identification
- Sea Tel's proprietary antenna control and fasttrack signal lock software
- DirecTV™, DirecTV Latin America (DLA)™, DISH Network™, Bell ExpressVu™ Programming, and Digital Music Channels
- Two year warranty on parts, 1 year labor
- Ready for multiple satellite reception

The 04 Series is available  
in 4 different size configurations



# 04 Series

	3 0 0 4	4 0 0 4	5 0 0 4	6 0 0 4
<b>Antenna Diameter</b>	30 in 0.76 m	40 in 1.0 m	48 in 1.2 m	60 in 1.5 m
<b>Radome Diameter</b>	40 in 1.0 m	48 in 1.2 m	60 in 1.5 m	72 in 1.8 m
<b>Radome Height</b>	49 in 1.2 m	57.5 in 1.5 m	66 in 1.7 m	72 in 1.8 m
<b>Antenna Weight</b> (including radome)	155 lbs 70.3 kg	198 lbs 89.8 kg	228 lbs 103.4 kg	350 lbs 158.8 kg
<b>Minimum E.I.R.P.</b>	44 dB	42 dB	40.5 dB	38 dB

## Common Specifications

<b>Antenna Polarization</b>	3-axis closed-loop
<b>Stabilization Motors</b>	Brushless DC Motors (quiet)
<b>Roll &amp; Pitch Stabilization</b>	+/-25 degrees roll & +/-15 degrees pitch
<b>Roll &amp; Pitch Response Rate</b>	Unlimited
<b>Position Reference</b>	Built-in GPS
<b>Polarization Control</b>	Automatic where required
<b>Tracking System</b>	Dishscan (no rotating feed)
<b>Azimuth Range</b>	680 degrees
<b>Elevation Range</b>	10 to 90 degrees w/25 degrees of pitch & roll

## A Name you can trust... Products you depend on

For over a quarter of a century, Sea Tel has been the world's leading provider of marine stabilized antennas for satellite communications and satellite television at sea with more than 20,000 systems in use. Sea Tel designs and builds satellite antenna systems for the US Navy, cruise liners, freighters, tankers, fishing boats, research vessels, super yachts, and thousands of pleasure boats. All of this experience has helped us design and increase the performance of the 04 Series. Whether you are looking for a new system or simply want to increase the range of your current system, the Sea Tel Series 04 is the perfect choice for your entertainment needs.

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