

Watch Satellite TV At Anchor

MARINE-SAT[®] AzTRAX



**Realize the full potential of your
Marine-Sat system with AzTrax
Enjoy Satellite Television
and all Direct Broadcast
Satellite Services at Anchor!**

Check These Marine-Sat AzTrax Features

- ✓ **Ultra Small 16 Inch Dish**
- ✓ **Light Weight, Compact & Portable**
- ✓ **Sets Up in Minutes**
- ✓ **All Salt Resistent Materials**
- ✓ **Easy-To-Use Remote Control**
- ✓ **Azimuth Tracking for Reliability**
- ✓ **Track Any Direct Broadcast Satellite**
- ✓ **Optional Rail & Rod Holder Mounts**
- ✓ **Up Grade Available for *MARINE-SAT[®]***



Standard Marine-Sat AzTrax System with Suction Mount, System Controller and Remote Control. Above left: SkyWatch with optional Rail Mount.

MARINE-SAT[®] - The Little Dish with a Full Platter of Services

MARINE-SAT[®] AZTRAX

Tomorrow's Weather

Updates when you need them. The MARINE-SAT Sky Watch Antenna Tracking System lets you receive DirectTV[®] or DISH Network[®] DBS satellite programming aboard your boat when you are anchored or moored.

The Simply Effective Choice

Winds and tides will alter your vessel's heading when you are anchored, moored, or even docked. Offsets as small as two degrees can result in loss of signal when using a standard 18" dish antenna – this can be overcome by combining the strengths of the AzTrax antenna tracker and the MARINE-SAT antenna. The AzTrax tracking platform's solid-state compass measures antenna heading up to eight times a second, providing the servomotor's variable-speed control algorithm the data needed to correct for any heading offset. Meanwhile the MARINE-SAT antenna's size and elliptical shape tolerates more than twice the pointing error of 18" antenna. The combined MARINE-SAT AzTrax System takes swinging on the anchor, even wakes and chop, in stride.

Designed for the Marine Environment

Expect years of trouble-free operation from your MARINE-SAT AzTrax System. All components are made from top-quality plastics and stainless steel. An O-ring rotary shaft seal makes the belt-driven motor unit suitable for extended use in saltwater marine environment. AzTrax's clean design and white finish complement the finest yacht.

One-Touch Activation

Once your AzTrax System is installed, manually set your appropriate antenna elevation, according to your operating latitude and longitude. Future changes are needed only if you significantly change your vessel's geographic position. Tracking activation is simple. Press on the infrared (IR) remote control: the system controller, with its easy-to-read LED indicator, displays antenna heading and tracking level. Setpoints are all easily modified with a few keystrokes on the remote. Most DBS remotes can even be programmed to control the AzTrax System directly. Once activated, desired antenna position can be varied in $\pm 1^0$ or $\pm 10^0$ steps. Eight levels of dynamic tracking permit you to easily compensate for real-life conditions whether at the dock or on the hook. Subsequent setups are even easier- the systems remembers all your setup parameters and automatically returns to the last position and tracking level for truly one-touch activation.

System Specifications

Power consumption - 12V DC, 800 mA operating, 50 mA standby
Tracking speed - automatically variable with 8 degree/second
maximum Tracking accuracy: +/- 1 degree RMS
Tracking algorithm - 10 samples per second, closed loop servo control with 6 user selectable sensitivity settings
Size - Base, 13 1/2 inches by 13 1/2 inches; Motor, 8 1/2 inch diameter, 6 inches tall; Overall height w/Marine-Sat antenna, 24 1/2 inches
Weight - Total weight 15 lbs. with Marine-Sat antenna
Construction - Motorized base - White UV-stabilized ABS with PVC and stainless steel
Warranty - One year warranty on parts and labor

Marine-Sat AzTrax Unit - Model MSOSWO1

Motorized Antenna Base with suction mount
System controller with status display
IR Remote Control
Thirty feet of Control/Power Cable
Lighter socket power cable

Standard Marine-Sat AzTrax System - Model MSOSWO2

Motorized Antenna Base with suction mount
System controller with status display
IR Remote Control
Thirty feet of Control/Power Cable
Lighter socket power cable
Twenty-four feet RG-6 Coax Cable
LNB Feed Arm
Parabolic Dish 16" x 14" elliptical design
LNB Single Feed (DBS) 12.2-12.7 GHz RHLHCP

Deluxe Marine-Sat AzTrax System - Model MSOSWO3

Motorized Antenna Base with suction mount
System controller with status display
IR Remote Control
Thirty feet of Control/Power Cable
Lighter socket power cable
Twenty-four feet RG-6 Coax Cable
LNB Feed Arm
Parabolic Dish 16" x 14" elliptical design
LNB Single Feed (DBS) 12.2-12.7 GHz RHLHCP
DIRECTV or DISH Network Receiver

Marine-Sat AzTrax Options

Adjustable Rail Mount Base Clamp (MS3RM01)
Adjustable Rod Holder Base Mount (MS3RH01)
Signal Strength Meter (MS4SM01)

For More Information Visit Our website:
www.geosatsolutions.com

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GEOSat Solutions manufactures MARINE-SAT[®], ROAD SHOW[®]
and MARINE-SAT-TEL portable antenna systems