



## AL-7203 0.82m (32") Quad Ku-Band Marine Stabilized TVRO System

### The Superior Antenna Solution for Limited Space Scenarios



Providing the best in high performance, low maintenance satellite reception from all over the world, Orbit Marine's AL-7203 Antenna System delivers 1.05m (41") functionality in a uniquely compact 0.82m (32") package.

### Minimal Size, Maximum Users

Specifically designed for superior quality, uninterrupted communication and entertainment reception of TV and data in limited space situations, the AL-7203 is ideal for both small and medium sized vessels or larger ships where space comes at a premium. Designed to provide maximum efficiency within minimal space, the highly efficient, lightweight AL-7203 linear and circular Ku-band antenna can be deployed to support any number of end users.

### Any Satellite, Every Customer

With cost-effective modular design covering multiple receiver compatibility, Orbit Marine's innovative, flexible AL-7203 stabilized TV antenna system supports a full spectrum of satellites and polarizations, providing the most cost-effective communication solution for a wide range of commercial, private and military customers.

With over 50 years of global experience and internationally deployed teams of highly trained engineering support personnel, Orbit's solutions are installed on a wide variety of naval and coastguard vessels, private yachts, cargo and cruise ships, tankers, fishing vessels, oil & gas rigs and other maritime craft.

### Benefits

- Highly Cost-Effective
- Enhanced Performance
- No Need for System Balancing
- User Friendly Operation
- Innovative Technology
- High Reliability (High MTBF)
- Fast Installation - Single Control Cable

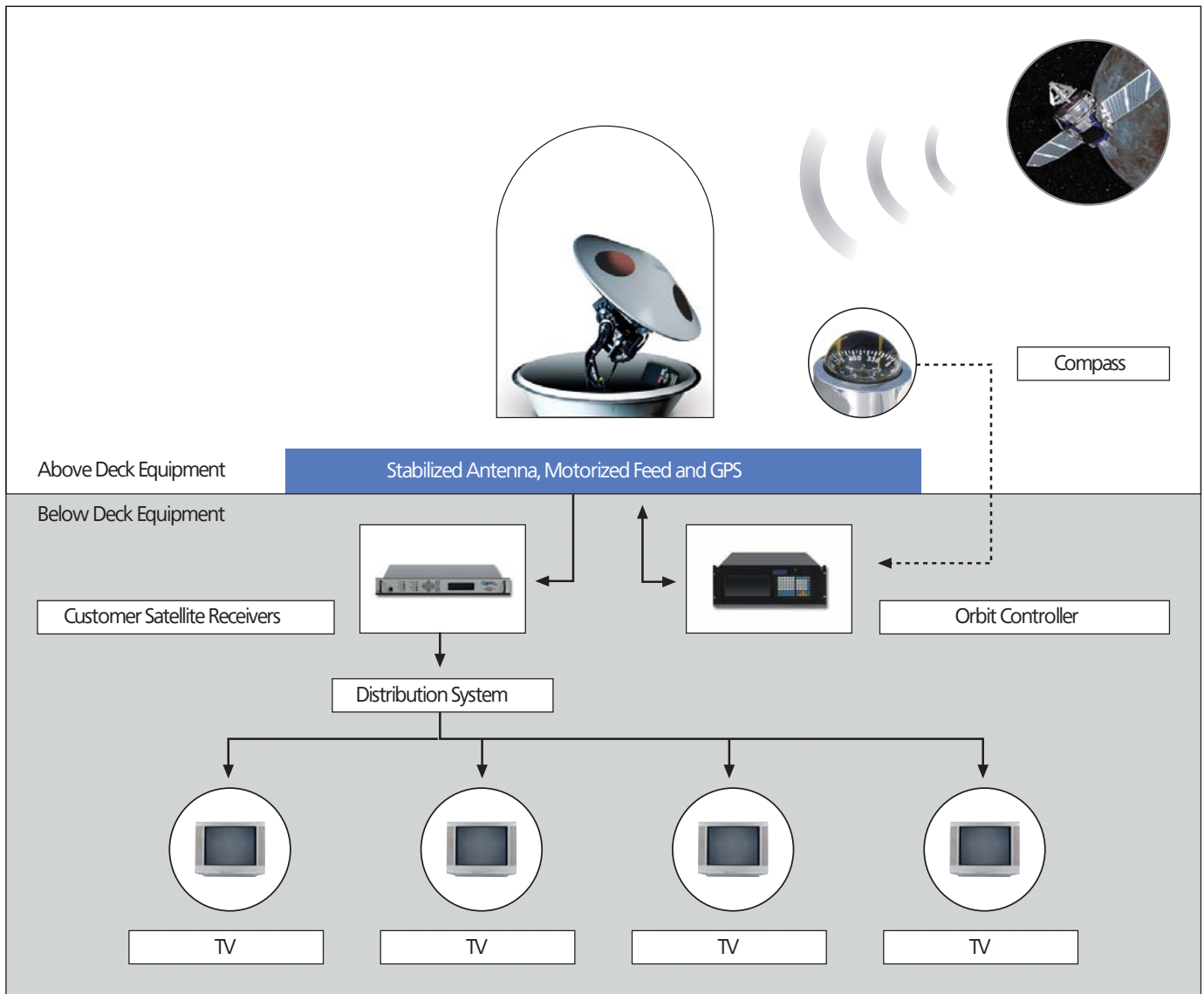
### Key Features

- X/Y Configuration, Continuous Azimuth Rotation
- High Dynamic Accuracy
- User-friendly MMI, High Resolution LCD Controller
- Designed to meet MIL-STD-461, 167-1 & 901
- Satellite Global Coverage Database
- Optional: Remote Control & Monitoring via "Back Door"
- Supports NMEA-0183, Step by Step & Synchro Compass Interfaces
- Low Weight 48Kg / 106Lb
- LNB: Quad Universal or Dual DBS/GLA
- Built-In GPS



## System Specifications

Antenna Type	Cassegrain	Power Requirements	110/220 VAC, 50/60 Hz 120W (ADE), 150W (BDE)
Dish Diameter	82cm / 32"	Weight (Including Radome)	48Kg / 106Lb
Radome Size	1.05m / 41"	Dynamic Accuracy	0.5° RMS
Operation Frequency	10.7-12.75 GHz	Ship Motion:	
Antenna Polarity	Linear (V/H) or Circular (L/R)	Roll	30° @ 8 Sec
Antenna Gain Typical	38dBi @ 11.7 GHz	Pitch	15° @ 6 Sec
EIRP level (Min.)	45dBw	Yaw	80° @ 50 Sec
		Turning Rate	12°/Sec



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