



## AL-7208 2.4m Quad Ku-Band & Dual C-Band Marine Stabilized TVRO System

### Global Satellite TV & Data Reception, From Shore To Mid Ocean

Orbit Marine's state-of-the-art AL-7208 System enables comprehensive global reception for a full range of Data and TV reception services - wherever you are, whatever the weather. Especially designed for vessels crossing the oceans or based in equatorial areas with heavy rains, the AL-7208 system enables true worldwide coverage for uninterrupted high quality satellite reception.

For both military and civil applications, the AL-7208 system is fitted with a 2.4m linear & circular Ku & C-Band Antenna for continuous TV and data reception anywhere in the world, even in adverse weather conditions.



With cost-effective modular design covering multiple receiver compatibility, the company's flexible products stabilize antennas on cargo & cruise ships, tankers, fishing boats, oil & gas rigs, buoys, combat vessels, yachts and other marine vessels to support different satellites and polarizations. Orbit's AL-7208 system is among the world's most highly efficient, proven robust and highly reliable Marine Stabilized Satellite Systems available.

Backed by over 50 years of worldwide experience and international engineering team support, Orbit Marine provides the best in communication and entertainment antenna systems for commercial, private and military customers.

### Benefits

- Global satellite communication coverage
- Enhanced Performance
- No System Balancing Needed
- User Friendly Operation
- Innovative Technology
- High Reliability (High MTBF)
- Robust Design

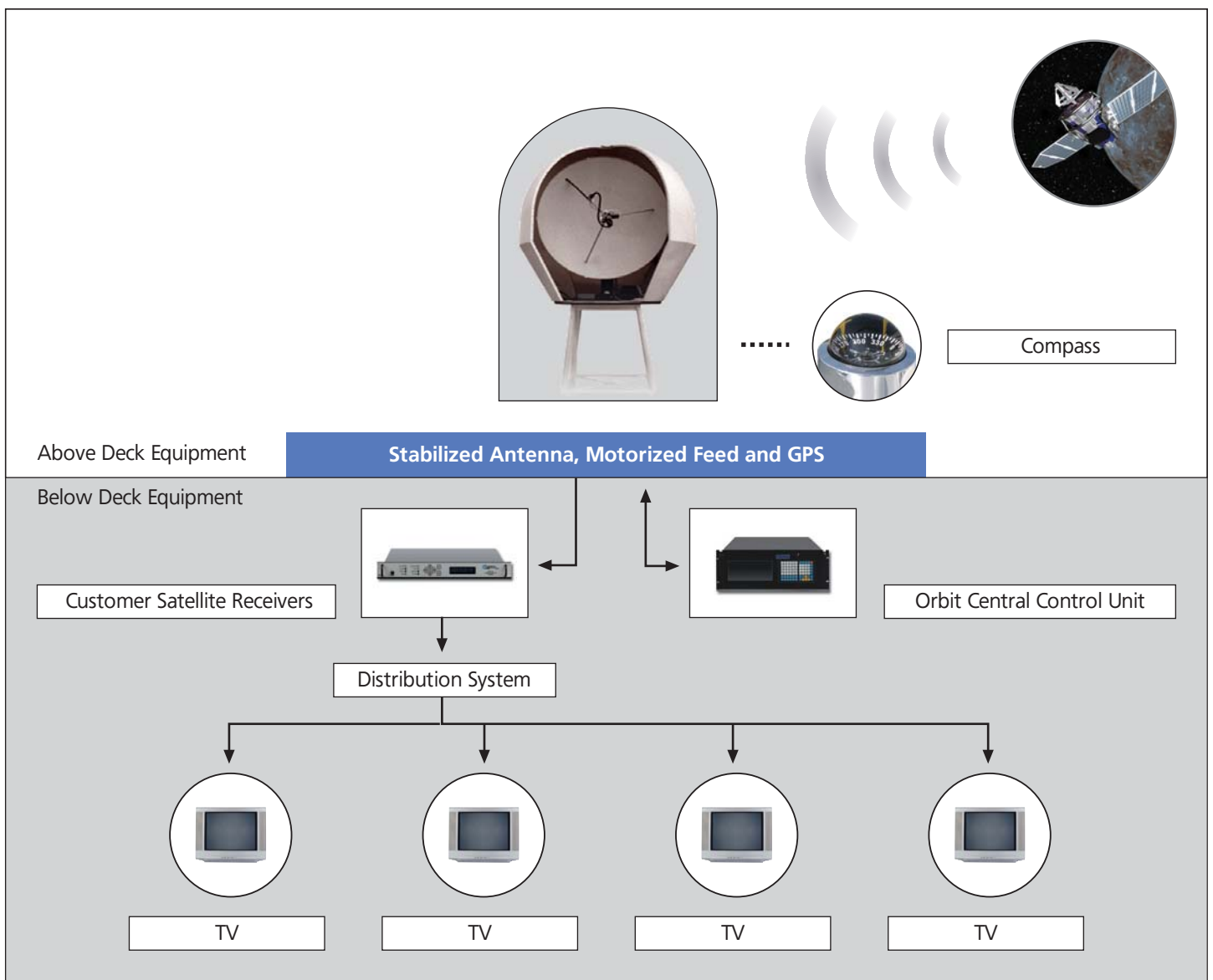
### Key Features

- Analog & Digital Communication
- High Resolution LCD Controller
- Designed to Meet MIL-STD-461, 167-1 & 901
- Optional: Remote Operation via Telephone Link
- Supports NMEA-0183, Step by Step & Synchro Compass Interfaces
- Built-in DISEqC Switch
- Built-in LNB
- Built-in GPS Antenna



## System Specifications

<b>Antenna Type</b>	Prime Focus	<b>Power Requirements</b>	110/220 VAC, 50/60Hz 1100W (ADE), 200W (BDE)
<b>Dish Diameter</b>	2.4m / 96"	<b>Weight</b>	610Kg / 1345Lb
<b>Radome Size</b>	3.35m / 132"	<b>Dynamic Accuracy</b>	0.1° RMS
<b>Operation Frequency</b>	10.7-12.75Ghz 3.7-4.2Ghz	<b>Ship Motion:</b>	
<b>Antenna Polarity</b>	Linear (V/H), Circular (L/R)	<b>Roll</b>	30° @ 8 Sec
<b>Antenna Gain (Typical)</b>	38dB @ 4.2Ghz 47dB @ 12.75Ghz	<b>Pitch</b>	15° @ 6 Sec
<b>EIRP Level (Min)</b>	C-Band: 29dBW Ku-Band: 36dBW	<b>Yaw</b>	80° @ 50 Sec
		<b>Turning Rate</b>	10°/Sec



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**Orbit Marine**  
P.O.B. 8657, New Industrial Zone  
Netanya 42504, Israel  
Tel: (972) 9 892 2736  
Fax: (972) 9 892 2820  
E-mail: marine@orbit-ltd.co.il  
Web Site: www.orbit-marine.com

**Orbit Communication Systems, Inc.**  
15340 E. Valley Blvd.,  
City of Industry, CA 91746, USA  
Tel: (626) 961 6065  
Fax: (626) 961 6147  
E-mail: info@orbit-cs.com  
Web Site: www.orbit-cs.com

**Orbit GV**  
10 College Place  
Southampton SO15 2DF  
United Kingdom  
Tel: (44) 2380 232914  
Fax: (44) 2380 236608  
E-mail: sales@orbitgv.com