



AL-7207

2.0m Quad Ku-Band & Dual C-Band Marine Stabilized TVRO System

Ultimate Compact Global Satellite TV Reception



Orbit Marine's innovative AL-7207 System enables comprehensive global reception for a full range of Data and TV reception services even in adverse weather conditions.

Designed specifically for oceangoing vessels or those based in equatorial weather where heavy rains often disrupt reception, the AL-7207 system enables

true worldwide coverage for uninterrupted high quality satellite TV reception. The AL-7207 features a robust high performance 2.0m linear & circular Ku & C-Band Antenna system for worldwide satellite TV and data reception. With highly cost-effective modular design covering multiple receiver compatibility, Orbit's AL-7207 system provides a superior communication and entertainment solution for global commercial, private and military customers.

Designed and deployed on both military & civil applications, the AL-7207 system is globally installed aboard cargo & cruise ships, tankers, fishing boats, oil & gas rigs, buoys, patrol & combat vessels, yachts and other marine vessels.

Orbit's innovative design, over 50 years of proven experience and internationally deployed teams of highly experienced engineers combine to guarantee customers consistently best broadband satellite communication reception wherever they are, whatever the weather.

Benefits

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

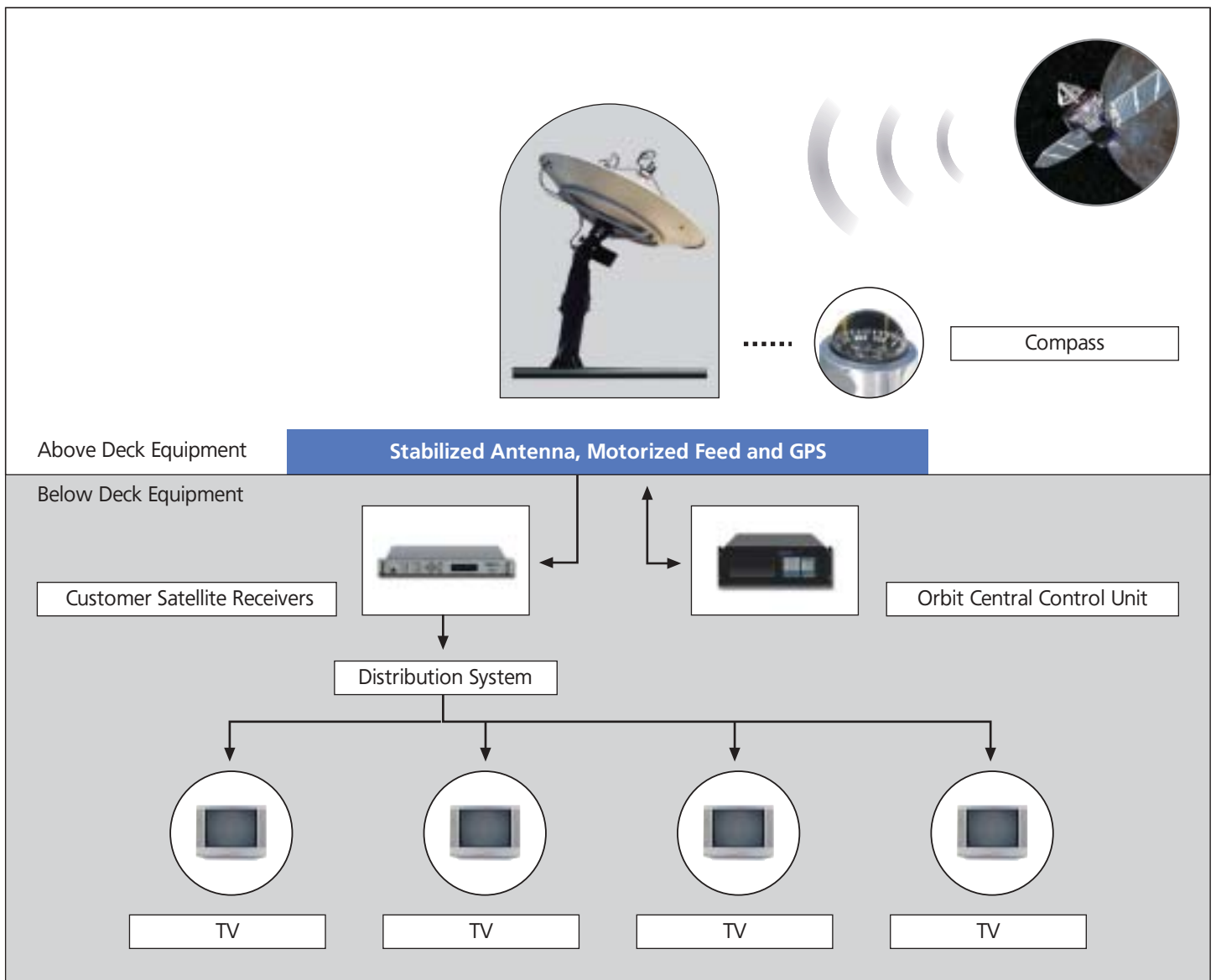
Key Features

- 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

Antenna Type	Prime Focus	Power Requirements	110/220 VAC, 50/60Hz 1100W (ADE), 200W (BDE)
Dish Diameter	2.0m / 80"	Weight	565Kg / 1245Lb
Radome Size:	2.9m / 114"	Dynamic Accuracy	0.1° RMS
Operation Frequency	3.7-4.2Ghz 10.7-12.75Ghz	Ship Motion:	
Antenna Polarity	Linear (V/H), Circular (L/R)	Roll	30° @ 8 Sec
Antenna Gain (Typical)	37dB @ 4.2Ghz 46dB @ 12.75Ghz	Pitch	15° @ 6 Sec
EIRP Level (Min)	C-Band: 30dBW Ku-Band: 38dBW	Yaw	80° @ 50 Sec
		Turning Rate	10°/Sec



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