



AL-7204

1.3m Quad Ku-Band Marine Stabilized TVRO System

A Robust High Performance Low Maintenance Satellite TV Solution

Highly popular with small commercial and naval vessels especially for military, police and coastguards - Orbit Marine's AL-7204 System offers a highly robust design to its global customers. With high performance functionality and low maintenance demands, the cost-effective 1.3m linear & circular Ku-band AL-7204 antenna system has proven itself around the world as a superior solution for high quality satellite reception for TV and a wide range of other on-board communication applications.



A flexible system supporting reception from various satellites, AL-7204 covers a wide range of geographical zones - offering the perfect stabilized TV antenna solution for deployment on cargo & cruise ships, tankers, fishing boats, oil & gas rigs, buoys, patrol & combat vessels, yachts or other marine vessels.

With cost-effective modular design covering multiple receiver compatibility, designed to meet the toughest military standards, Orbit's AL-7204 provides the ultimate communication and entertainment system solutions to a global commercial, private and military customer base.

Backed by over 50 years of proven experience and internationally deployed teams of highly skilled engineers, Orbit Marine's innovative approach is at the forefront of Marine Stabilized Satellite Systems.

Benefits

- No System Balancing needed
- Robust Design
- Globally Proven
- Enhanced Performance
- User Friendly Operation
- High Reliability (High MTBF)
- Fast Installation

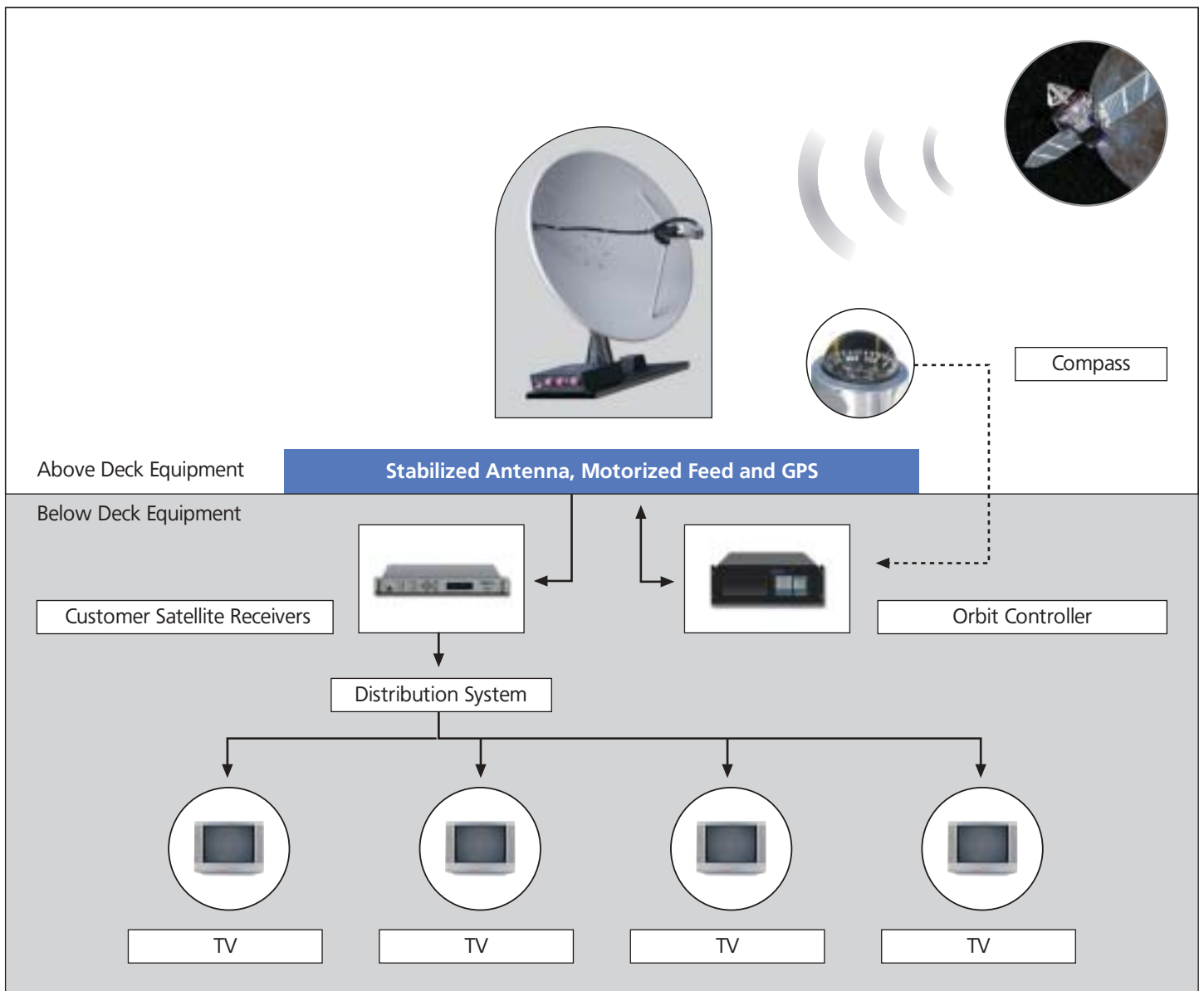
Key Features

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



System Specifications

Antenna Type	Prime Focus	Power Requirements	110/220 VAC, 50/60 Hz 660W (ADE), 150W (BDE)
Dish Diameter	1.3m / 51"	Weight (ADE including Radome)	140Kg / 310Lb
Radome Size	1.52m / 60"	Dynamic Accuracy	0.25° 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)	42dB @ 12.75GHz	Pitch	15° @ 6 Sec
EIRP Level (Min)	41.5dBW	Yaw	80° @ 50 Sec
		Turning Rate	12°/Sec



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