Sea Tel Arbitrator

Dual System Arbitrator for TX/RX Systems

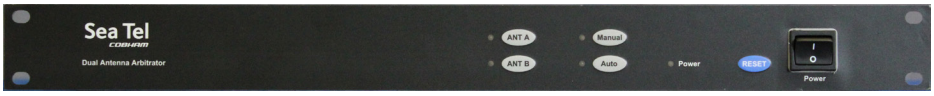
2011 Data Sheet

The most important thing we build is trust

Sea Tel Dual Antenna Arbitrator

The Sea Tel Arbitrator is capable of switching between two antenna systems when one has encountered blockage, sudden loss of AGC, or power failure.

This new Arbitrator incorporates features such as GPS pass-through, out-of-band management support, OpenAmip and ABS protocol, and TCP/IP switching. It utilizes a smart Graphical User Interface (GUI) for easy communication and viewing of current system status.



View of Front Panel

View of Back Panel

Features and Benefits

- Easy to configure
- Supports automatic switching based on preconfigured blockage zones in the DAC's
- Automatically switches IP packet path between the DAC and satellite modem
- Supports the use of Out of Band Management (OBM).
- GPS data pass through from selected source.
- GPS source can be arbitrated along with RF path.
- Supports all current Sea Tel VSAT antennas.
- Warranty: 2 year parts, 1 year labor, limited warranty.
- Supports standard web browsers: configure using Internet Explorer, Firefox, and Safari.
- Command line interfaces available via serial and telnet ports.
- Front panel push buttons w/ LED indicators.
- Standard Configuration keeps secondary antenna in hot standby for fast switching.

Product Specifications

RF power limits:

- 25 Watts Max standard connectors
- 100 Watts Max (high power connector)

Available Options:

- High Power TX connectors
- 10 MHz reference to standby BUC

Connector Types:

- Modem, DAC A, DAC B, and OBM: RJ45 connectors
- 10T Ethernet: RJ45 connector
- RX and TX RF: SMA connectors

AC input: 100-240 VAC @ 50/60 Hz.

Operating temperature: 0 degrees C to +40 degrees C.

Regulatory Approvals:

- CE
- RoHS lead-free compliant
- EN 60945
- EN 60950
- R&TTE

Physical:

- 1U x 19 inches
- 3 Lbs.
- Rack mountable

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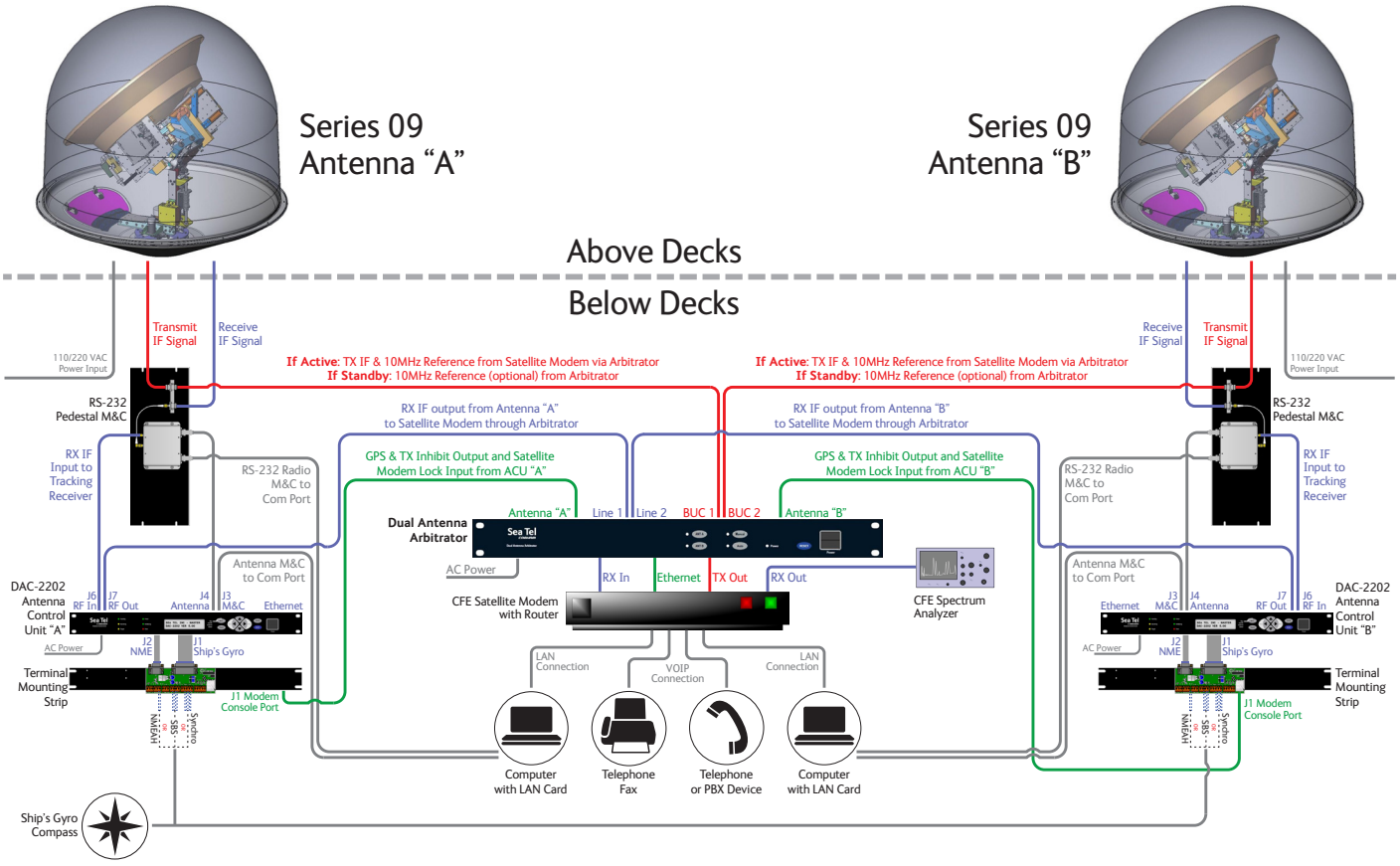

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