

Ideal for the discerning client seeking maximum performance i.e. signal amplification, from the smallest possible radome. Only by manufacturing all major components are we able to achieve new standards for sensitivity, flexibility and consistency of performance which distinguishes the "i" series from all others. This high performance intelligent system literally learns its environment whilst working completely independent of any input from ships electronics.

UNIQUE FEATURES

- ◆ Belt free design
- ◆ New I.F. rotary joint gives 360° continuous viewing – negating the need for wrap/unwrap
- ◆ Pure cassegrain hyperbolic sub-reflector, arguably the most efficient in the world (82-88%). Independently measured at 39.15db gain. This reflector outperforms larger systems.
- ◆ Automatic commissioning
- ◆ Self-diagnostic software for fault finding
- ◆ Compass and GPS built in
- ◆ Shelf Mounting Antenna Controller can measure BER, C/N & S/N
- ◆ Near Silent in operation
- ◆ True satellite recognition onboard (NITS)
- ◆ Optional Quick Release Mechanism for changing LNB's
- ◆ Intelligent local environment mapping
- ◆ Waveguide now includes 100db radar attenuator as standard to protect against other ships radar
- ◆ .3db Professional LNB allied to our Cassegrain design. This device ensures superior performance at the edge of the footprint, not achievable with domestic LNB's and conventional dishes
- ◆ No external fittings on radome to ensure clean appearance

◆ NOW SUPPLIED WITH 3-YEAR PARTS AND 1-YEAR LABOUR GUARANTEE ◆

◆ This system is perfect for the non-technical operator and/or installer ◆

SPECIFICATION

◆ Size (M) / Weights (Kg):

Compact Radome: 1.23m high / 1.04m diameter
Weight: (Without external shock mounts): 85kgs
Service Hatches: 1
Power Outlet: 1

◆ Operating Temp: -10° to +55°C
◆ Storage Temp: -20° to +85°C
◆ Elevation: -20° to +100°

◆ Antenna controller gives satellite identity & measures C/N, S/N and BER

◆ Dynamic Performance

Azimuth Range – unlimited; no wrap/unwrap
Rate > 25°/Sec
Elevation Range – 20° to +100°
Rate > 25°/Sec

◆ High quality reflector, spun exclusively by OceanMedia. 88% efficiency achieved through unique tooling [same technique used on the AST1250(S)PC]

◆ EN60945 Compliant for:

EMC
Humidity
Vibration
Shock
Temp

◆ Custom Software

Digital control system has self diagnosis built in. See handbook for interpretation of error messages

◆ RF System Performance

Reflector Diameter: 90cm
Frequency: Ku/DBS Band
Polarisation: Linear (Circular option)
Skew: Active third axis skew
IF System: 4 Continuous feeds
4 in 4 out Multiswitch will feed up to 3 receivers as standard
39.15db @ 12.2 GHz (Independently tested)

◆ Optional Input Requirement

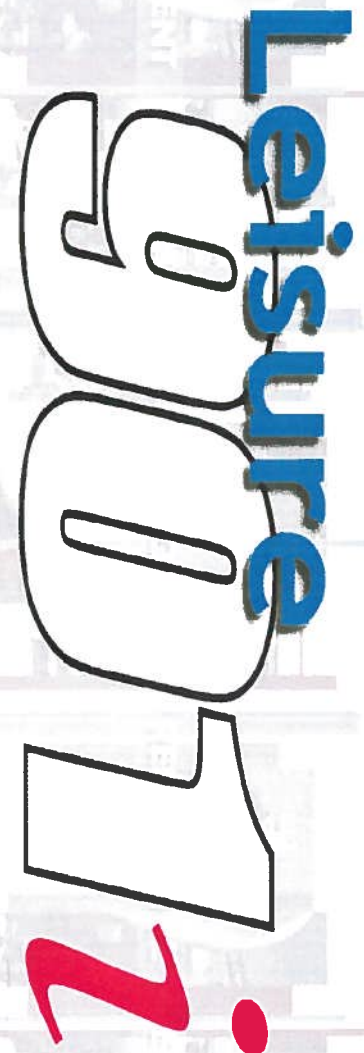
Gyro-compass heading NMEA 0183, HDT or HDM

◆ Optional Extras

19" Rack Mounting Controller

BRITISH DESIGN & ENGINEERING AT ITS BEST

Dealer Details:

◆ Not quite the best known name, but quite the best name to know ◆



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