



advanSea

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This is not just another brand in electronics,
this is Advancing Navigation Technology.

The new advanSea program has been inspired by the valuable
feedback gained from listening to yachtsmen for many years.

We combined this precious experience with the latest LCD
and GPS engineering technology,
to provide yachtsmen with
all navigation essentials.
AdvanSea offers enhanced
ergonomics, user-friendly intuitive
software, easy installation

and state-of-the-art navigational features.

Whether you are looking for a basic single function

or a complete integrated program,

advanSea, the name to go to sea with...

advanSea



GPS & Combo

**AdvanSea GPS range consists of two
GPS-chart plotters and one GPS-Combo
(chart plotter + fishfinder).**

- Standard internal GPS with connection for optional external antenna.
- User-friendly, intuitive operating program guides through the functions with icon access.
- High resolution daylight viewable LCD with anti-fogging coating.
- Patented easily adjustable quick release bracket.
- CMAP MAX charting in SD card format.



COMBO C.56

5.6" GPS COMBO, CHART PLOTTER / FISHFINDER

All-in-one navigator :
combines a high resolution VGA GPS
chart plotter with powerful
dual frequency sonar.

FEATURES

- 5.6" VGA (640 x 480) screen bonded, ultra-bright daylight viewable display.
 - 50/200 kHz dual frequency sonar with powerful 600 W RMS power output to display targets up to 600 m (2000 ft).
 - Digital speed and temperature data.
 - « SnapShot » function : save your favourite sonar or chart images in the onboard memory (64 Mb) or removable SD card, enabling transfer to your PC for viewing and printing.
 - CMAP MAX on SD card format.
 - NMEA0183 interface : 2 inputs and 2 outputs.
 - NMEA2000 interface : to repeat or process data from other sources such as engines, intelligent transducers and navigation instruments.
- Combo C.56 is supplied with the Airmar P58 tri-function transducer (depth, speed, temperature) or adaptor cable to select your optional through or in-hull transducers. See page 9.



| | Ref. |
|--|-------|
| C.56 GPS Combo complete with Airmar P58 tri-function transducer | 57740 |
| C.56 GPS Combo complete with Y-cable for connection to optional in/through hull transducers (see page 9) | 57741 |

Supplied with weather cover and bulkhead mount kit.



The universal bracket mounting system allows the advanSea unit to be adjusted or detached with a single action.

The ingenious quick release design of the bracket means the advanSea navigator can be adapted to fix in any orientation on a horizontal, vertical and even overhead surface.

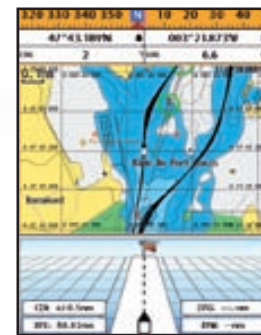




GPS T.56

5.6" GPS CHART PLOTTER

High resolution VGA GPS chart plotter, with both NMEA0183 and 2000 connections. This makes the T.56 a complete multi-function navigation repeater of all external data on board compatible external devices e.g. cockpit instruments.



T.56 GPS-chart plotter

Ref.

57738

Supplied with weather cover and bulkhead mount kit.



GPS T.50

5" GPS CHART PLOTTER

A compact chart plotter with bright and sharp QVGA display. The T.50 combines a fully featured navigation program with a simple intuitive operating system that allows fast and easy access to frequently used functions (GOTO, favourite screens...).

FEATURES

- 5" LCD unit, QVGA bright and sharp (320 x 240 resolution), daylight viewable display.
- « SnapShot » function : save your favourite chart image in the onboard memory (64 Mb) or removable SD card, enabling transfer to your PC for viewing and printing.
- CMAP MAX on SD card.
- NMEA 0183 compatible : 2 inputs and 2 outputs.



T.50 GPS-chart plotter

Ref.

57736

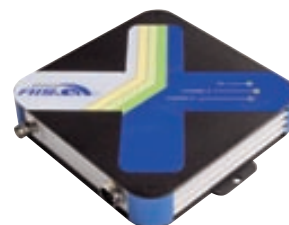
Supplied with weather cover and bulkhead mount kit.

Accessories for advanSea GPS and Combo



PA150 external GPS antenna 57743

Locating an advanSea GPS or Combo unit inside a cabin may require an external antenna. Supplied with 10 m cable, BNC connector and flush mount kit.



EasyAIS receiver 54895

Detects and decodes AIS transmissions (class A or B) from other vessels via a VHF antenna and uploads this data to the advanSea GPS unit.

BNC cable, 80 cm 54933

Adaptor cable to connect EasySplit to EasyAIS.



EasySplit 54932

Allows a single VHF antenna to be used for both the EasyAIS and VHF radio reception.



Integrated antenna

Watertight connectors

All advanSea GPS are supplied with an internal high sensitivity antenna.



Instruments are the core component of any yacht navigation system. The advanSea S400 series uses cutting edge technology to provide accurate data for cruisers or racers.

- Accuracy, optimal legibility, flexibility and ease of installation are the key benefits of the S400 series, together with easy intuitive operation with direct function access.
- LCD screens with wide-angle viewing and super size digits for unmatched visibility. Watertight display fascia (IP66) ; displays feature an anti-fogging coating for optimal safety even in extreme conditions.

The S400 series is available with a choice of compatible transducers manufactured by Airmar or Plastimo. The instruments can also operate as « stand alone » with intelligent transducers or an NMEA0183 source.

DEPTH
HI-PERFORMANCE DEPTH SOUNDER
GIANT DIGITS (45 MM)



- FEATURES
- Depth : 0.5 to 199 m* (1.6 to 652 ft) with keel offset.
 - Depth trend indication.
 - Deep and shallow alarms.
 - Low battery alarm.
 - Simulation mode.
- *Depends on transducer.

| | Ref. |
|--|-------|
| DEPTH S400 with Plastimo thru-hull transducer (max. 120 m) | 57755 |
| DEPTH S400 with Airmar P19 transducer (max. 199 m) | 57756 |
| DEPTH S400, instrument only | 57748 |

Supplied with weather cover.



SPEED
LOG-SPEEDO
GIANT DIGITS (45 MM)

Delivers all speed, distance, time and temperature data, together with countdown function.

- FEATURES
- Water speed : 0-60 knots, 0-69 mph, 0-111 km/h.
 - GPS speed if connected to compatible (NMEA0183) navigator.
 - Total and trip log.
 - Elapsed time and countdown race timer.
 - Water temperature.
 - Speed trend indication.
 - Surface speed high and low alarms.
 - Low battery alarm.
 - Simulation mode.

| | Ref. |
|---|-------|
| SPEED S400 with Plastimo thru-hull, 30kts | 57757 |
| SPEED S400 with Airmar thru-hull, 45kts (ST850) | 57758 |
| SPEED S400 log-speed, instrument only | 57749 |

Supplied with weather cover.



MULTI
ALL THE FUNCTIONS
OF S400 DEPTH
AND SPEED

Choice of data displayed on 2 lines.

- FEATURES
- Lower line : 22 mm high digits.
 - Upper line : 32 mm high digits.
 - Depth and speed trend indication.
 - Proprietary Bus interface and NMEA0183 input/output.
 - Simulation mode.

| | Ref. |
|---|-------|
| MULTI S400 with Plastimo thru-hulls (depth + speed transducers) | 57759 |
| MULTI S400 with Airmar thru-hulls (depth + speed transducers) | 57760 |
| MULTI S400, instrument only | 57750 |

Supplied with weather cover.

SAILING INSTRUMENTS

S400 SERIES



WIND

ALL ESSENTIAL WIND DATA ON A DIGITAL DISPLAY

FEATURES

- Instant wind direction information in analogue and digital display.
- Data displayed on 2 user-settable lines (upper line 32 mm high, lower line 22 mm high).
- Proprietary bus interface and NMEA0183 input/output.
- Wind speed (0 to 199 knots).
- Wind direction through 360°.
- Wind trend indication.
- Apparent and true wind angle and speed.
- Wind direction at 1° resolution.
- VMG speed.
- Wind speed alarm.
- Low battery alarm.
- Simulation mode.

| | Ref. |
|--|--------------|
| WIND, complete with masthead unit + 25 m cable | 57751 |
| WIND, instrument only | 57752 |

Supplied with weather cover.

Specifications : see page 11.

AdvanSea masthead transducer unit

High quality design incorporating precision bearings and aluminium cantilever arm.

Sensitivity threshold is very low to ensure an optimum accuracy even in light winds. Balanced wind vane for increased accuracy and stability at heel. Sturdy construction and watertight connector.



| | Ref. |
|---|--------------|
| AdvanSea masthead transducer unit with 25 m cable | 57761 |



WIND-a

WIND DIRECTION INDICATION ON A 360° ANALOGUE DISPLAY

Same features as WindS400 model.

FEATURES

- Proprietary bus interface and NMEA0183 input/output.
- Simulation mode.

| | Ref. |
|--|--------------|
| WIND-a, complete with masthead unit + 25 m cable | 57753 |
| WIND-a, instrument only | 57754 |

Supplied with weather cover.



Watertight gasket.

Lock in screw collar requires no tools to secure to bulkhead.

OPTIONAL EXTRAS

Connection bus box (proprietary bus) **57765**

Facilitates connection between S400 instruments (3 instruments maximum) : data sharing, NMEA interface and central 12 V power supply.

Mast foot connection box **57766**

To provide convenient connection for the break in masthead unit transducer cable at deck level.

TRANSDUCERS

Depth transducers 200 kHz



Thru-hull Plastimo, removable 25983

200 kHz, beam width 15°. Plastic thru-hull. Drill Ø 48 mm. 8 m cable. RCA connector. Max 120 m. Connects to all 200 kHz depth sounders.



Thru-hull, fixed Airmar P19 57767

200 kHz, beam width 12°. Plastic body. Drill Ø 51 mm. 9m cable. RCA connector. Max 200 m. Connects to all 200 kHz depth sounders.



Thru-hull, bronze Airmar B22 31358

200 kHz, beam width 12°. Drill Ø 51 mm. 9 m cable. RCA connector. Max 200 m. Connects to all 200 kHz depth sounders.



In-hull, Airmar P79 57774

200 kHz, beam width 8°. 10 m cable. RCA connector. Connects to all 200 kHz depth sounders.

Depth transducers 50/200 kHz for C.56 Combo



In-hull puck, Airmar P79 dual frequency 54940

50/200 kHz, beam width 45/11°. 10 m cable. LT6F connector. Connects to all 50/200 kHz depth sounders.



Plastic thru-hull, Airmar P319 dual frequency 54903

50/200 kHz, beam width 45/11°. Drill Ø 51 mm. 10 m cable. LT6F connector. Connects to all 50/200 kHz depth sounders.



Thru-hull, bronze Airmar B117 dual frequency 54937

50/200 kHz, beam width 45/11°. Drill Ø 51 mm. 10 m cable. LT6F connector. Connects to all 50/200 kHz depth sounders.



Thru-hull, bronze Airmar B744 Dual frequency/speed/temp 53505

50/200 kHz. Beam width 45/11°. Drill Ø 51 mm. 10 m cable. LT6F connector. Connects to all 50/200 kHz depth sounders.

Speed / temperature Plastimo



Thru-hull, 30 knots 40640

Removable plastic thru-hull fitting. Drill Ø 48 mm. 8 m cable. LT8 connector.



Thru-hull, 45 knots Airmar ST850 57768

Removable thru-hull fitting. Anti-return valve. Drill Ø 51 mm. 9 m cable. LT8 connector.



Thru-hull, 45 knots Airmar B17 47552

Bronze thru-hull fitting. Anti-return valve. Drill Ø 51 mm. 9 m cable. LT8 connector.

Tri-Function (depth/speed/temp) for C.56 Combo



Transom mount Airmar P58 for C.56 Combo Dual frequency/speed/temp 57769

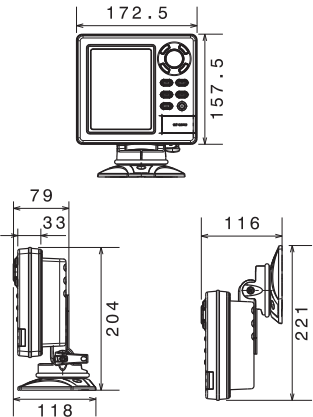
50/200 kHz. Beam width 45/11°. 10 m cable. LT6F connector. Connects to all 50/200 kHz depth transducers.

Comprehensive list of transducers, cables and accessories www.advantsea.com

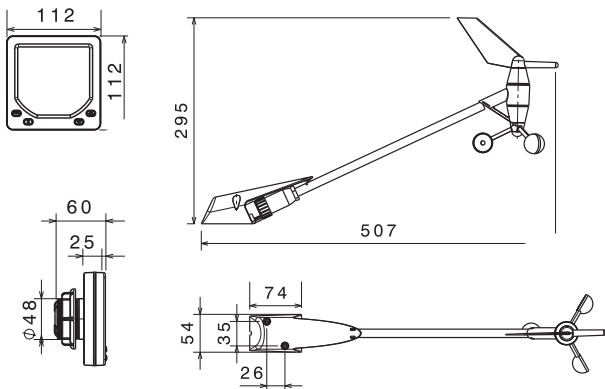
GPS & Combo



| MAIN FEATURES | C.56 | T.56 | T.50 |
|--|--|------|-------------------------|
| LCD display type | LCD - TFT- LED backlighting | | |
| LCD diagonal | 142 mm (5.6") | | 127 mm (5") |
| Screen Resolution | 640 x 480 (VGA) | | 320 x 240 (QVGA) |
| Operating voltage | 10-35 V | | |
| Embedded chart | 64 Mb (World) | | |
| Cartography | CMAP NT MAX (SD-Card support) | | |
| GPS antenna type | Integrated / optional: BNC-socket external antenna | | |
| Languages | English, French, Spanish, Italian, Dutch, German, Swedish, Norwegian, Finnish, Danish, Croatian, Greek, Portuguese, Chinese, Korean, Japanese, Russian | | |
| Waypoints | 5000 | | |
| Routes | 100 routes with 100 waypoints per route | | |
| Track logs | Max.10 | | |
| Chart display | North / Track / Course | | |
| Plotting scale | 0.01 NM/400 NM | | |
| AIS compatible | Yes | | |
| DSC compatible | Yes | | |
| Navtex NMEA input | Yes | | |
| MOB hotkey | Yes | | |
| GOTO key | Yes | | |
| Snapshot function | Yes | | |
| Backlit keys | Yes | | |
| Backlit screen | Yes, 10 levels | | |
| Data interfaces | NMEA0183 (2 in & 2 out); NMEA2000 | | NMEA0183 (2 in & 2 out) |
| Fuel management | NMEA2000 compatible engines | | No |
| Sonar | Yes (50/200khz) | No | |
| Max. Depth | 600 metres | - | |
| Output power | 600W RMS | No | |
| Environmental rating | Waterproof to IPX7 | | |
| Weather cover | Yes (included) | | |
| Bulkhead mount kit | Yes (Included) | | |
| Simulation mode | Yes | | |
| Internal alarm / External alarm output | Yes / Yes | | |



GPS & Combo



Sailing instruments

SPECIFICATIONS

S400



| COMMON FEATURES | DEPTH | MULTI | SPEED | WIND | WIND-a |
|------------------------------|---|-------|-------|---|--------|
| External unit dimensions | 112 x 112 mm | | | 112 x 112 mm | |
| Operating voltage | 10 V to 16.5 V | | | 10 V to 16.5 V | |
| Display power consumption | Below 150 mA Incl. backlighting | | | Below 150 mA Incl. backlighting | |
| Operating temperature | -10 to +50° C | | | -10 to +50° C | |
| Storage temperature | -20 to +60° C | | | -20 to +60° C | |
| Drilling Ø | 48 mm | | | 48 mm | |
| Fixing | Rear locking collar | | | Rear locking collar | |
| "O" ring for bulkhead mount | Yes | | | Yes | |
| Buzzer/external alarm output | Yes / Yes | | | Yes / Yes | |
| Screen | Monochrome LCD, TN technology (Twisted Nematic) | | | Monochrome LCD, TN technology (Twisted Nematic) | |
| Backlit keys | Yes | | | Yes | |
| Backlit screen | Yes, amber, 5 levels (Off, 1, 2, 3, 4) | | | Yes, amber, 5 levels (Off, 1, 2, 3, 4) | |
| Anti-fogging screen | Yes | | | Yes | |
| LCD | Transflective | | | Transflective | |
| Waterproof rating | IP66 front face | | | IP66 front face | |
| Intuitive menu | Yes | | | Yes | |
| Weather cover | Yes | | | Yes | |
| Simulation mode | Yes | | | Yes | |

| INSTRUMENTS SPECIFIC FEATURES | DEPTH | MULTI | SPEED | WIND | WIND-a |
|-------------------------------|---|--|--|---|--------|
| Depth range | 0.5 to 199 m dependent on transducer | - | - | - | - |
| Water speed | - | 0 to 60 knots | - | - | - |
| Depth speed | - | Yes if connected through NMEA0183 | - | - | - |
| Wind speed | - | - | - | 0 to 199 knots | - |
| Wind direction | - | - | - | 0 to 180° Port-Starboard | - |
| Depth resolution | 0.1 m up to 19.9 m / 1 m from 20 to 199 m | - | - | - | - |
| Speed resolution | - | 0.01 at 19.99 kts / 0.1 from 20 to 60 knots | - | 1° in direction | - |
| Display damping | 1 - 30 steps | | | 1 - 30 steps | |
| NMEA0183 input ports | 1 | | | 1 | |
| NMEA Input sentences | VHW/ VTG/ DPT/ VLW/ MTW/ RMC/ DBT | | | VHW/ VTG/ MWV/ RMC/ VWR | |
| NMEA0183 output ports | 1 | | | 1 | |
| Output sentences | MTW/ DBT/ DPT | VHW/ VLW/ MTW/ DBT/ DPT | VHW/ VLW/ VTW | VPW/ MWV/ VWR | |
| Proprietary bus | Half-Duplex series connection (38400 bauds on one wire) | | | Half-Duplex series connection (38400 bauds on one wire) | |
| Countdown | - | Yes | Yes | - | - |
| Digits size | 45 mm | 45 mm | Upper line : 32 mm Lower line : 22 mm | Upper line : 32 mm Lower line : 22 mm | - |
| Units | °F & °C - Feet - Metres - Knots - Km/hr - Miles/hr - V - Miles - Km | | | Degrees - M/s - Beaufort - Knots - Km/hr - Miles/hr - V | |
| Alarms | High & low depth / Low battery | Deep & shallow speed/ High & low depth / Low battery | Deep & shallow speed / Low battery | Strong wind / Low battery | |

Service and warranty

Engineered and manufactured by marine electronics specialists, the advanSea series offers top performance, designed for the extremes of marine environment.

All our instruments come with a 2-year warranty. Transducers and antennas 1-year warranty.



For offers and conditions : Consumer Service on www.advantsea.com

By purchasing an advanSea instrument, you will benefit from the worldwide support of the Plastimo network. Plastimo's extensive network of distributors ensures that no matter where you cruise, expert technical advice and unrivalled service is always available.