



EM-TRAK – COMMITTED TO VESSEL SAFETY & SECURITY

With over twenty five years of product design and engineering heritage our products offer the very best in quality engineering, reliability, usability and operational performance. To achieve this unique mixture of quality and performance we develop and deploy the most advanced core technologies coupled with proven professional standard product design.

EM-TRAK WARRANTY & SUPPORT

Em-trak is committed to providing the highest level of customer service. Our comprehensive global warranty ensures that in the unlikely event of a problem it will be resolved to your full satisfaction in the shortest possible time.

Further information about our warranty programme and instant advice and support for all our products can be obtained from our web site www.em-trak.com or your local authorised em-trak dealer.

The em-trak S300 is an aid to navigation and must not be relied upon to provide accurate navigation information. AIS is not a replacement for vigilant human lookouts and other navigation aids such as Radar. The performance of the S300 may be seriously impaired if not installed as instructed in the user manual, or due to other factors such as weather and or nearby transmitting devices. Compatibility with other systems may vary and is reliant on the third party systems recognising the standard outputs from the S300. em-trak reserves the right to update and change these specifications at any time and without notice.

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EM-TRAK S300 FEATURES & SPECIFICATION

DIMENSIONS & WEIGHT

- > 140 x 100 x 50 mm (D x W x H)
- > 280g

RF INTERFACES

- > VHF antenna output – S0239 connector
- > VHF radio input – S0239 connector
- > AIS input – BNC connector

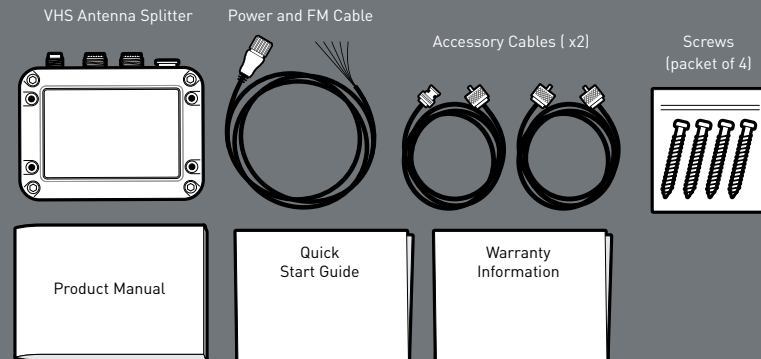
POWER

- > 12 or 24V DC
- > Power consumption: 150mA @12VDC, <2W average

RF TRANSCEIVER

- > Insertion loss (receive) 0dB
- > Insertion loss (transmit) < 1dB
- > Power handling – VHF port: 25W
- > Power handling – AIS port: 12.5W
- > Operating frequency range: 156.000 to 163.425MHz

WHAT'S IN THE BOX





PROFESSIONAL STANDARD RELIABILITY

Product Code: 413-0060

S300

VHF ANTENNA SPLITTER



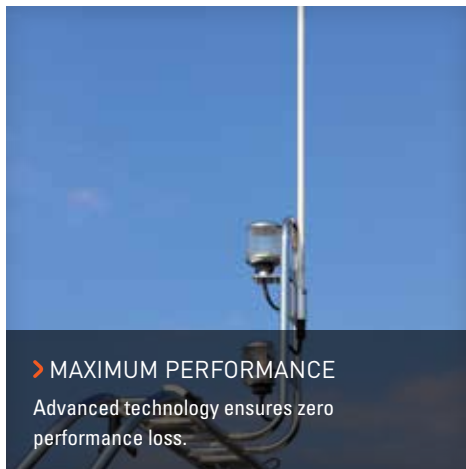


THE AIS S300 ANTENNA SPLITTER IS A SMALL, ROBUST VHF ANTENNA SPLITTER THAT ALLOWS YOUR AIS TRANSCEIVER AND VHF RADIO TO SHARE A SINGLE ANTENNA.



EM-TRAK PRODUCT OVERVIEW

- > Multiplexes multiple devices to a single antenna
- > Zero performance loss
- > Small, easy to install & use
- > Auto fail safe feature



> MAXIMUM PERFORMANCE
Advanced technology ensures zero performance loss.



> MINIMAL POWER CONSUMPTION
Maximum performance with minimal power consumption.



> ONE ANTENNA, 3 DEVICES
Allows AIS, VHF Radio and FM radio to share a single antenna.



> AUTO FAIL SAFE
In the event of power loss, VHF radio automatically takes priority.

> KEY FEATURES

The em-trak S300 provides you with reliable, high performance VHF antenna sharing capability. With the S300 a single VHF antenna can simultaneously support the full operation of your AIS transceiver, VHF radio and FM radio.

After fifteen years of creating marine electronics products we understand the environment within which our products must operate. The S300 is a single small unit which is simple to install and use and has been specifically designed, engineered and manufactured for long term continuous use in even the most extreme marine environments.

The S300's core technology enables it with superior performance which translates into zero performance loss for the connected devices. The S300 is an ideal complement to a good quality Class B or Receiver where there is an existing VHF antenna available currently used for your VHF radio.

- > Zero loss performance
- > Auto fail safe operation
- > Small and robust
- > Plug & play connectivity
- > Low power consumption
- > Ruggedised, vibration resistant
- > Multi-lingual manuals
- > Built in fault check & fix system
- > Enhanced operating performance
- > Water and weather proof - IP66 and IP67 certified

> OPTIONS

The S300 is designed to support all AIS and VHF radio operation and therefore no additional options or functionality is available.

> FEATURE HIGHLIGHTS

ZERO LOSS PERFORMANCE



The technology at the heart of the S300 ensures the maximum performance from all devices sharing a single antenna. Simply connect your VHF radio and AIS transceiver to the S300, it will take care of the rest.

AUTO FAIL SAFE OPERATION



Operation of the VHF radio always takes priority and in the event of power loss to the S300 it will automatically maintain VHF radio performance ensuring your safety in the event of an emergency.

THE EM-TRAK RANGE

