

Installation:

The ASR 100 Receiver Antenna Splitter allows your existing VHF antenna to be used by both a VHF radiotelephone and an AIS Receiver.

The unit is not waterproof and should be mounted in a dry location. The unit can be fixed by the 4 mounting holes in the end flanges.

It will require connection to the boats DC supply of 12-24 Volts. It is recommended to connect it to the same circuit as your existing VHF Radio.

RED Positive +
BLACK Negative –

Remove the existing antenna connection from your VHF Radio and plug this connection into the Antenna connection on the ASR 100. Take the 1m VHF cable from the ASR 100 and plug this back into your VHF radio. The AIS cable fitted with a BNC connector can now be plugged into your AIS Receiver.

Operation:

On applying power to the ASR 100 reception is now possible on both your VHF Radio and your AIS Receiver.

When the transmitter is operated on the VHF Radio the AIS reception will stop. Reception on the AIS receiver will start immediately you stop transmitting.

In the event of a fault or power failure to the ASR 100 the VHF Radio transmit and receive will continue as normal.

Limited Warranty:

Comar Systems Ltd warrants this product to be free from defects in materials and manufacture for one year from the date of purchase. Comar Systems Ltd will, at its sole option, repair or replace any components that fail in normal use. Such repairs or replacement will be made at no charge to the customer for parts and labour. The customer is, however, responsible for any transportation costs incurred in returning the unit to Comar Systems Ltd.

This warranty does not cover failures due to abuse, misuse, accident or unauthorized alteration or repairs.

The above does not affect the statutory rights of the consumer.

Note: Every effort has been made to ensure that all information contained in this manual is accurate at the time of going to press. However AIS is a new technology and the legislation is subject to change. We therefore cannot take any responsibility for the content of this manual and advise that you take normal steps to ensure that the information is at its most current when you are reading this manual.

Product Support

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Fault finding:

No reception on the AIS Receiver

- Check the power supply and that the unit is connected correctly to a 12 or 24 volt DC supply
- Check the polarity of the supply is correct (red +ve and black is -ve).

No reception on the VHF Radio

- Check the VHF antenna is fitted and correctly connected.
- VHF Radio reception and transmission will occur even if no power is connected to the ASR 100

Specification:

Dimensions Overall: 120 x 86 x 37
Power: 9-30 VDC
Current: 35mA @ 12VDC

Connections:
Power: 1m 2 way cable
Antenna: SO239 50 Ohm
VHF: 1m PL259
AIS: 1m BNC

Installation and Quick Reference Guide

ASR 100 Receive Antenna Splitter



