

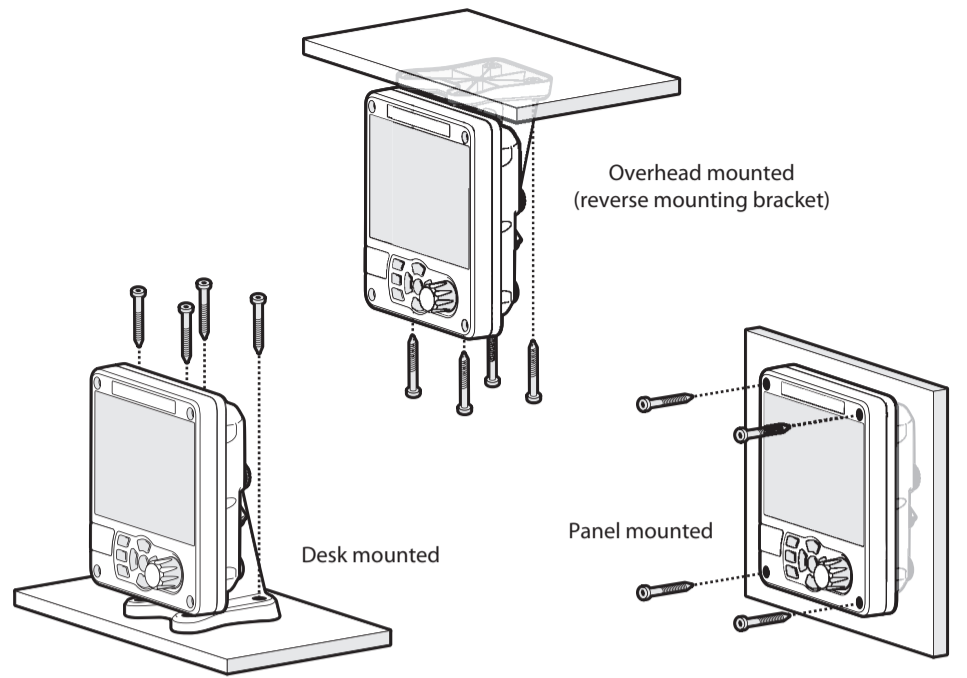
Class B AIS Transceiver

QUICK START GUIDE

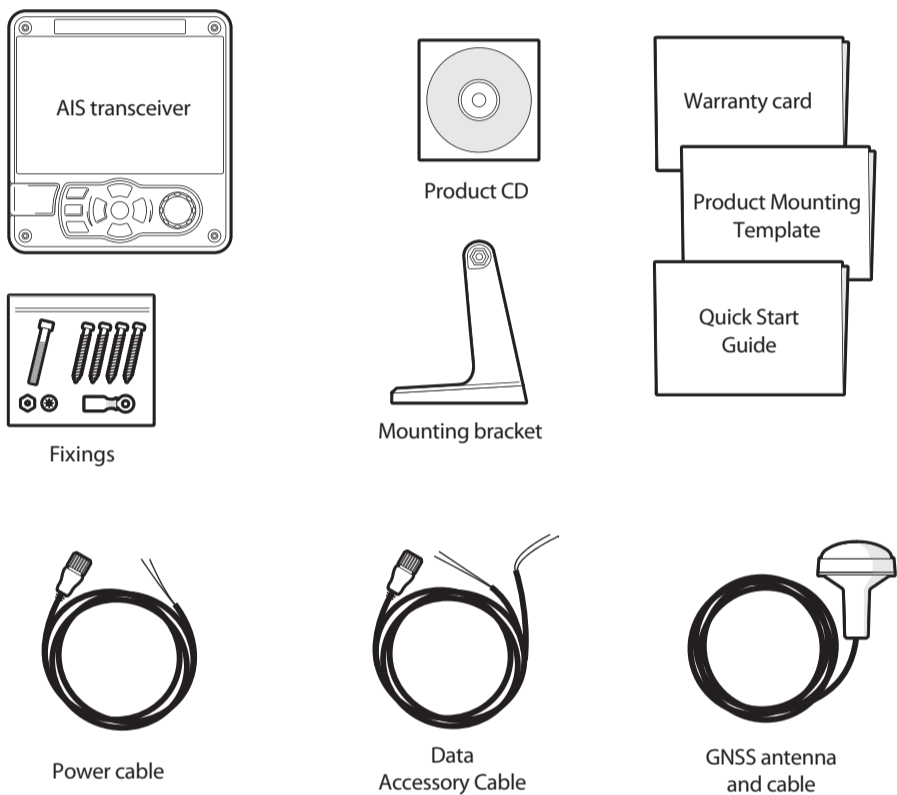


For full instructions on how to install and use your AIS Transceiver please refer to the product manual.

Step 1 – Install the Transceiver



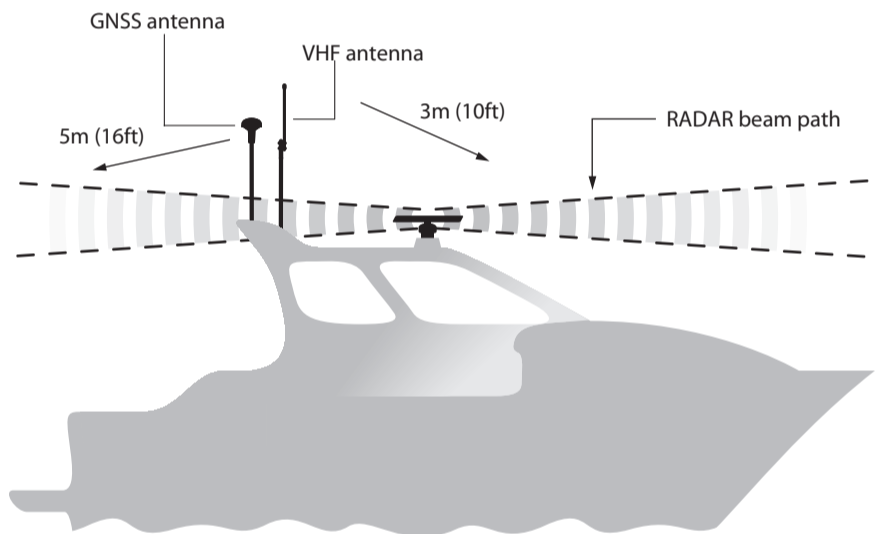
What's in the box?



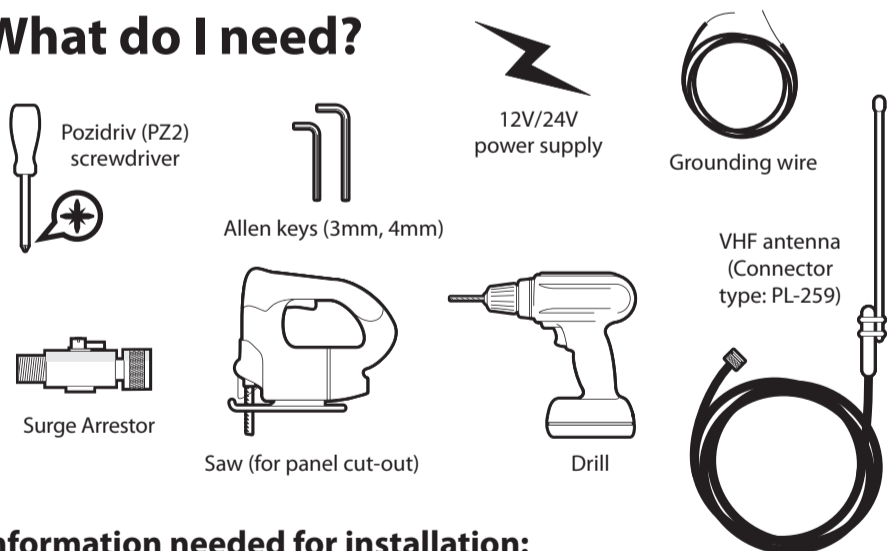
Step 2 – Install the Antennas

GNSS antenna should be at least 5m (16ft) from RADAR or satellite communication antennas. It should also be away from the RADAR beam path and mounted on a rigid surface.

VHF antenna should be at least 3m (10ft) from other transmitting radio, satellite and RADAR antennas.



What do I need?



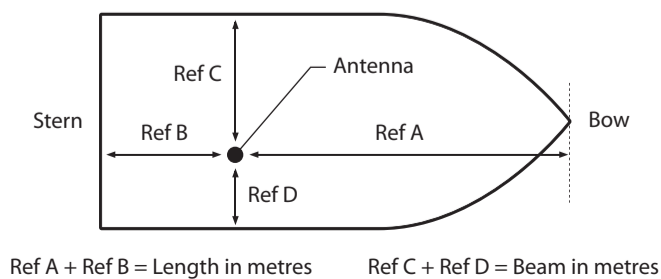
Information needed for installation:

MMSI number (9 digits):

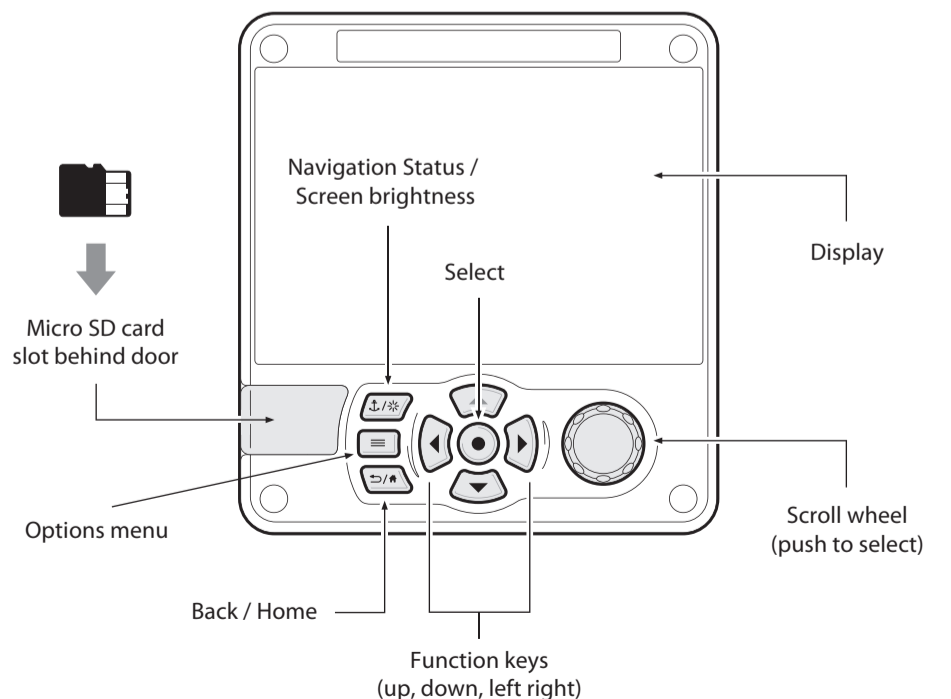
Vessel name:

Vessel callsign:

Vessel dimensions and GNSS antenna position:



Front panel controls

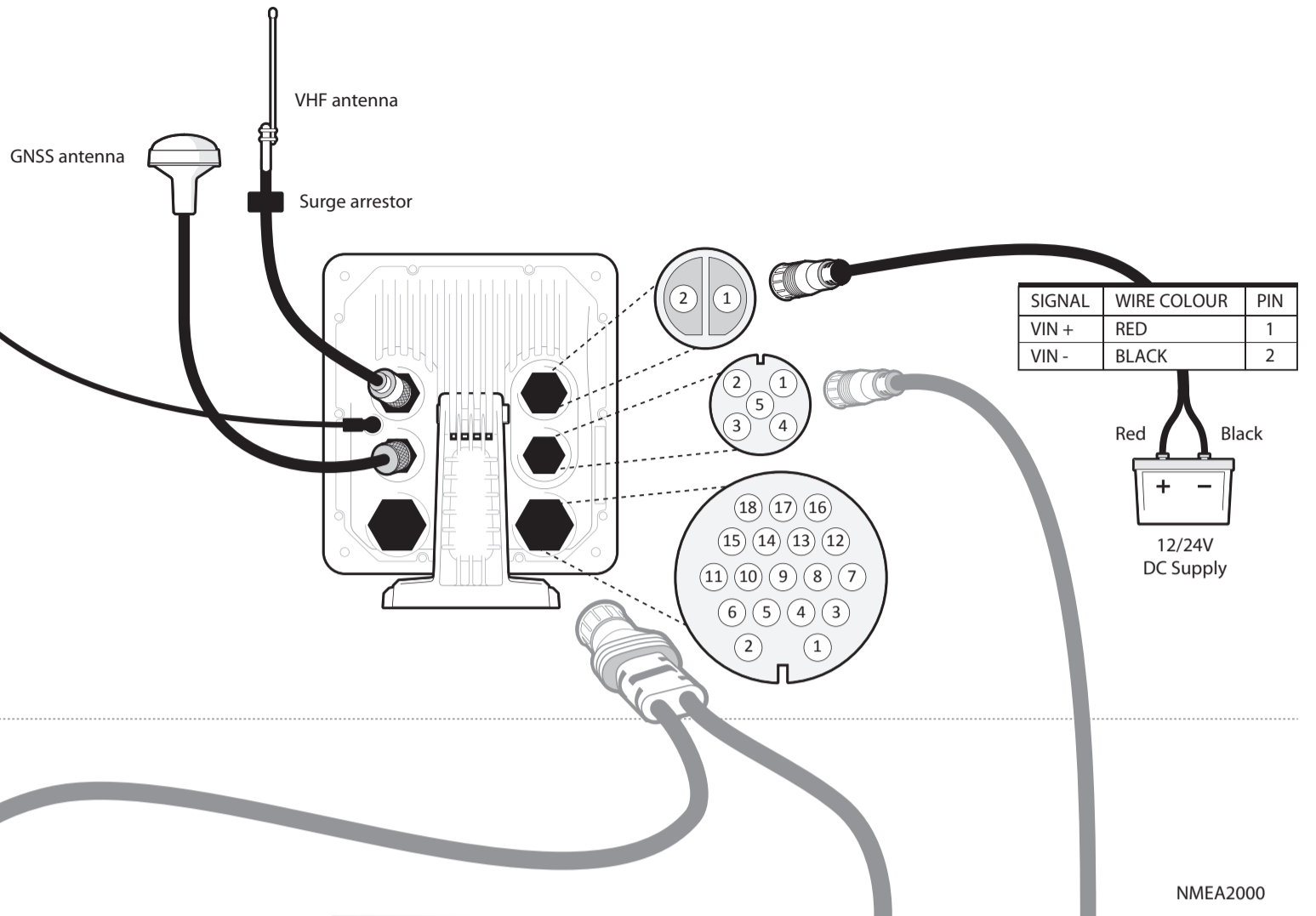


Step 3 – Connecting the transceiver

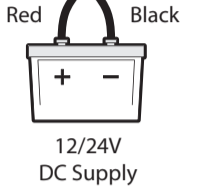
NOTE: Numbers and tables refer to connector pins on unit



This product **must** be connected to protective earth via the earth connection point. It is essential that the earth connection point is used in **all** installations, regardless of what other equipment is connected. The earth connection point must be bonded to protective earth using as short a connection as possible.



SIGNAL	WIRE COLOUR	PIN
VIN +	RED	1
VIN -	BLACK	2



Optional connections

DESCRIPTION	PORT NAME IN MKD	WIRE COLOUR	PIN	FUNCTION
NMEA0183 PORT 1 COM	NMEA0183 PORT 1	BLACK	1	HIGH SPEED NMEA0183 OUTPUT (38,400 baud) INTENDED FOR CHART PLOTTERS
NMEA0183 PORT 1 Tx B	NMEA0183 PORT 1	BLUE/WHITE	3	
NMEA0183 PORT 1 Tx A	NMEA0183 PORT 1	WHITE/BLUE	4	

DESCRIPTION	PORT NAME IN MKD	WIRE COLOUR	PIN	FUNCTION
NMEA0183 PORT 2 Rx B	NMEA0183 PORT 2	RED/WHITE	6	CAN BE SET TO LOW SPEED (4,800 baud) INTENDED FOR CONNECTION TO OTHER NMEA0183 COMPATIBLE SENSORS FOR MULTIPLEXING OF DATA TO THE CHART PLOTTER
NMEA0183 PORT 2 Rx A	NMEA0183 PORT 2	ORANGE/WHITE	10	
NMEA0183 PORT 2 COM	NMEA0183 PORT 2	BLACK	11	

SIGNAL	PIN
N2K_NET_SHIELD	1
N2K_NET_S	2
N2K_NET_C	3
N2K_NET_H	4
N2K_NET_L	5

An optional junction box, USB cable and 14/18 way data cables are available to assist with wiring to sensors and displays

Step 4 – Quick Start Sequence

