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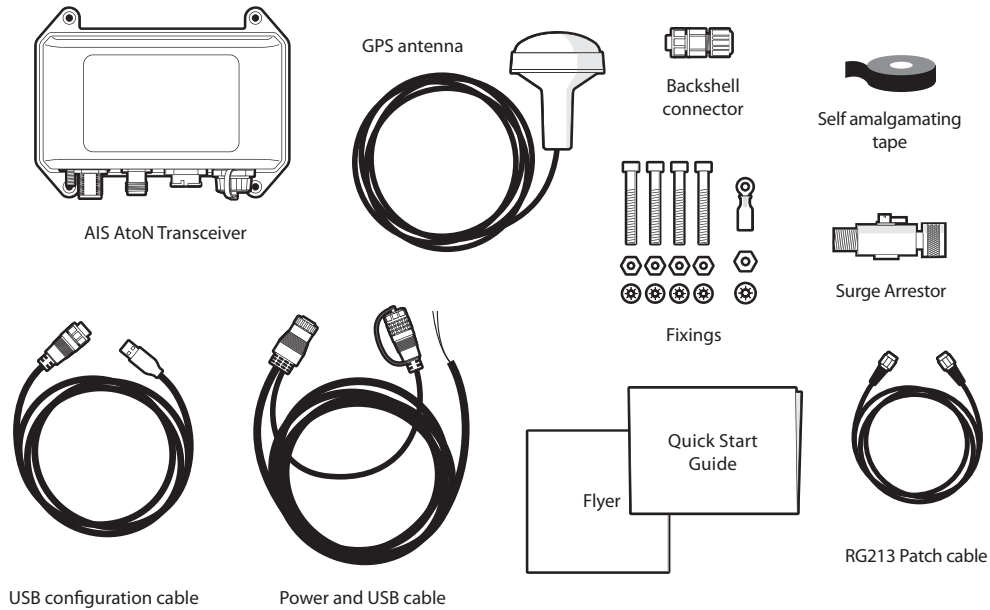
Chronos AIS AtoN Transceiver

QUICK-START GUIDE

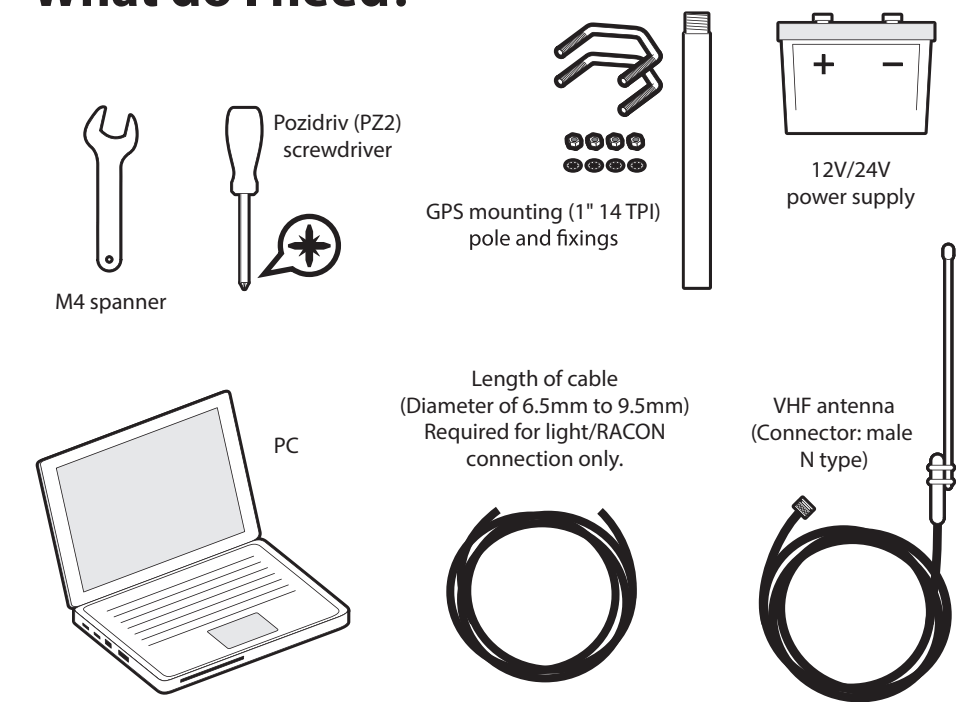


For full instructions of how to install and use your AIS AtoN Transceiver please refer to the Installation and Operation Manual.

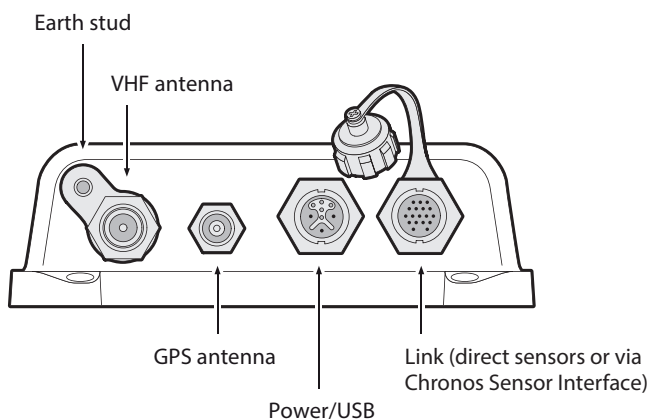
What's in the box?



What do I need?



Transceiver connections

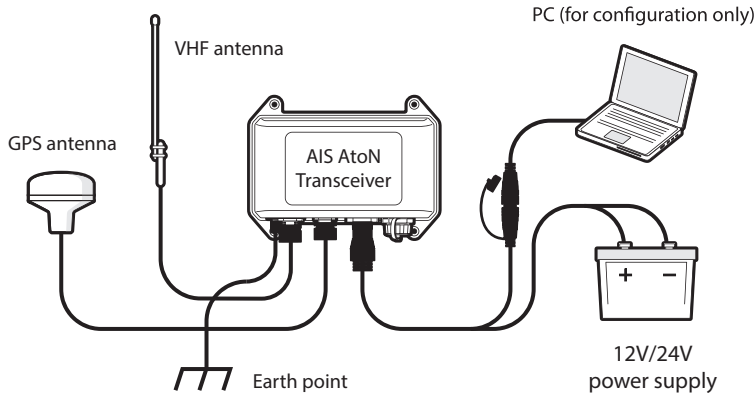


Installation

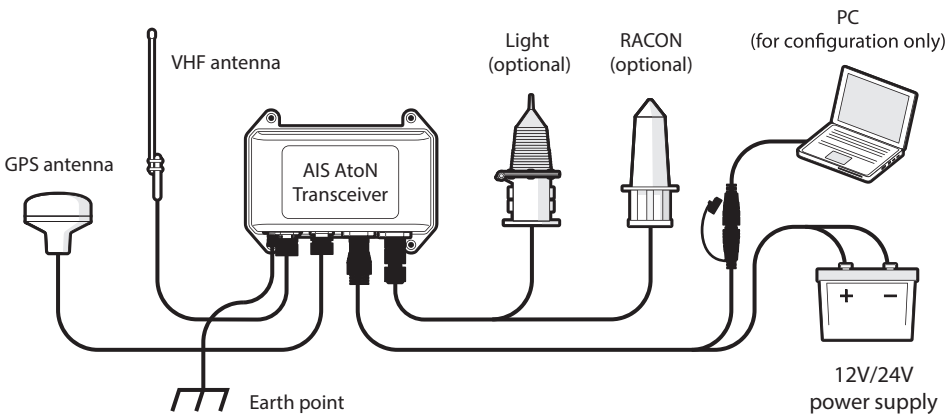


The earth stud must be connected to an earth point.

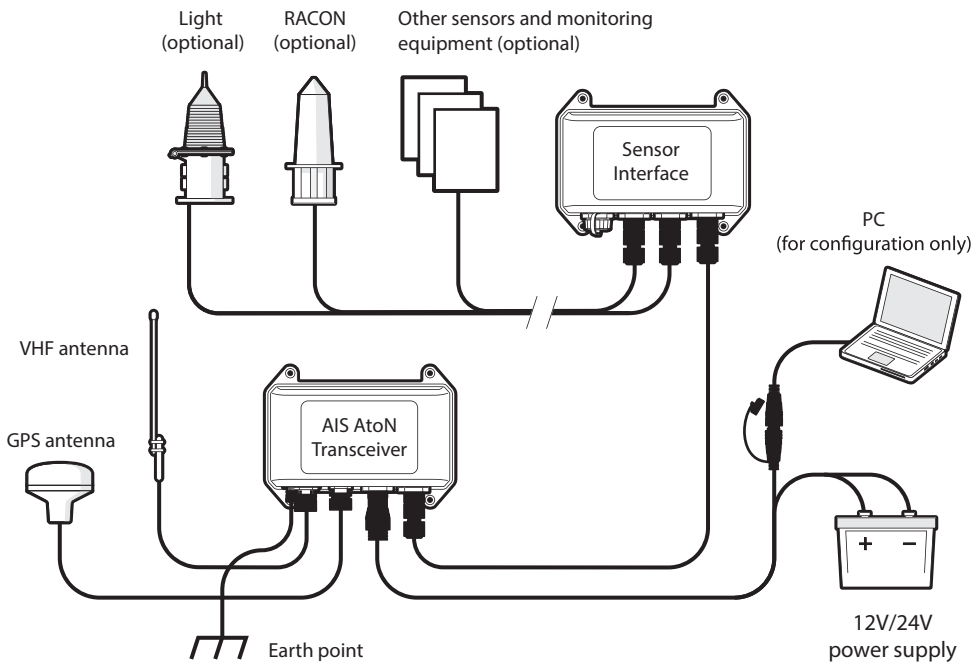
1. Basic installation



2. Direct light/RACON installation



3. Installation with a Sensor Interface



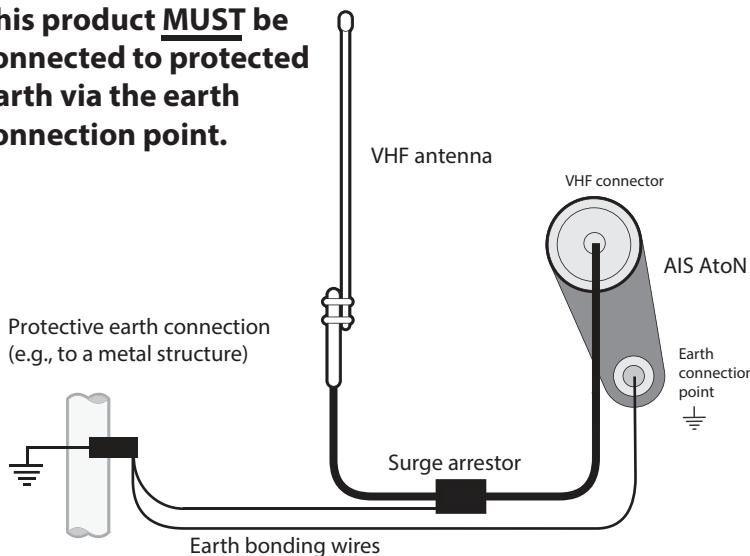
Earthing



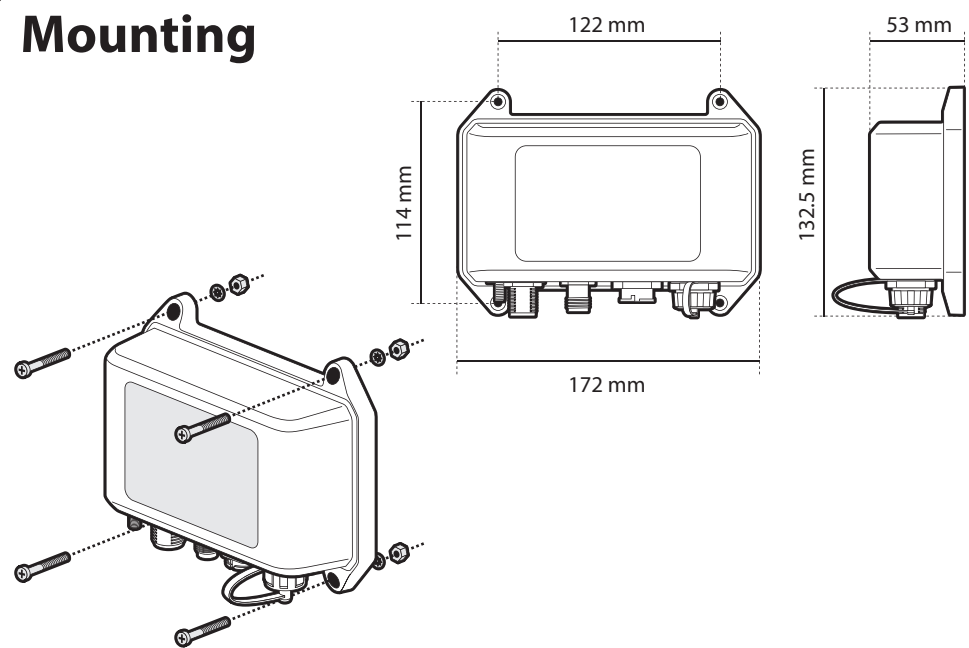
This product **MUST** be connected to protected earth via the earth connection point.



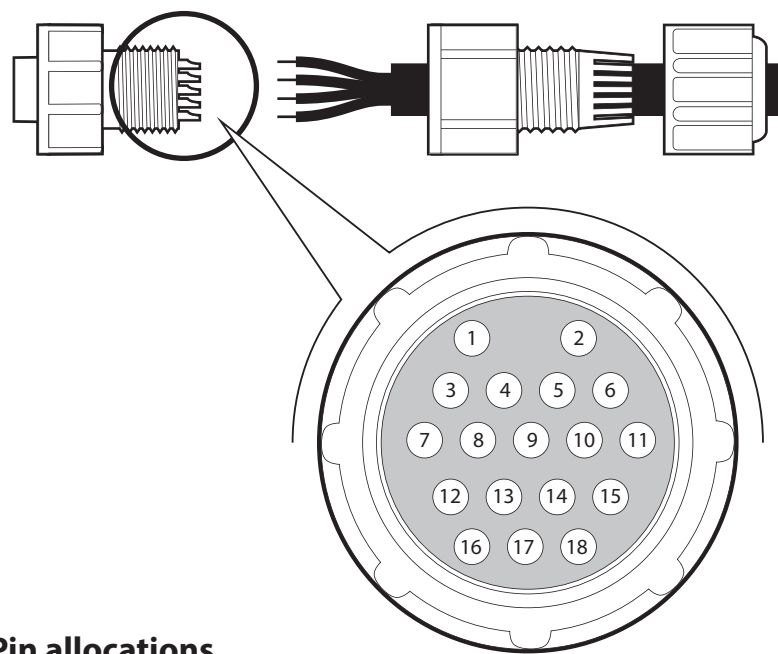
Protective earth connection (e.g., to a metal structure)



Mounting



Wiring the transceiver connector



Pin allocations

Please refer to the user manual for full details of electrical interfacing.

Pin	Function		
1	Do not use	10	Light health +
2	Do not use	11	Light health -
3	NMEA0183 TX1 A	12	RACON status +
4	NMEA0183 RX1 A	13	RACON status -
5	NMEA0183 TX1 B	14	Do not use
6	NMEA0183 RX1 B	15	Do not use
7	NMEA0183 GROUND	16	Do not use
8	Light power +	17	Do not use
9	Light power -	18	Do not use

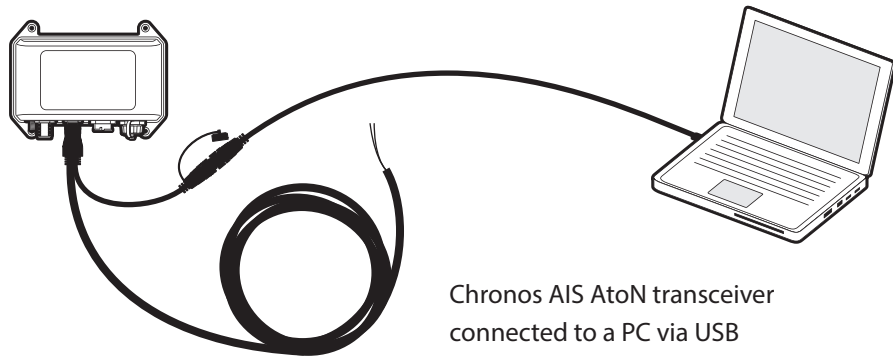
AIS configuration



Refer to the user manual for detailed instructions of how to configure your Chronos AIS AtoN transceiver.



You will require an MMSI and appropriate license to operate this product as an AIS AtoN.



An additional power supply is not required when configuring the transceiver using a USB connection. After configuration, a 12V/24V DC supply must be connected to make the transceiver operational.

1. Download proAtoN using the link in the separate flyer
2. Navigate to the proAtoN folder and run setup.exe
3. Follow the on-screen instructions.
4. Launch proAtoN from the start menu.
5. Connect Chronos AIS AtoN transceiver to the PC via USB.
6. Configure Chronos AIS AtoN transceiver as an AIS AtoN.

Deployment checklist

Once configuration is complete and before the AIS AtoN transceiver is deployed please check the following points to ensure correct operation of the product.

- ☐ Ensure the unit is connected to a protective earth via the earth connection point
- ☐ Ensure the VHF antenna is functioning and is positioned correctly on the structure.
- ☐ Ensure the unit has a GPS position fix.
- ☐ Ensure the nominal position is correct. It must match the deployed location.
- ☐ Ensure the Off-Position Threshold is large enough to cover the maximum expected drift of a floating AtoN.
- ☐ Ensure the message schedule has the correct interval and start time.
- ☐ For FATDMA make sure that the start slot is as allocated.
- ☐ Ensure that the MMSI is correct and is valid for use on an AtoN.
- ☐ Ensure that the RF frequency and power level is set correctly.