

The following equipment will be interfaced via NMEA 0183:

Raystar 125 / Raystar 120 NMEA GPS	DSC VHF	Pathfinder Power and NMEA Cable	Pathfinder NMEA Output Cable	Power
red	---	---	---	+12 VDC (Switched)
yellow	NMEA IN+	green	---	---
brown, & black leads	NMEA IN-	blue	white	-12 VDC
green	---	---	blue	---

Notes:

- SeaTalk devices may be installed in any order. SeaTalk cables can be joined using D244 SeaTalk Junction Blocks, splices, marine grade terminal strips, or R55006 SeaTalk Auxiliary Junction Boxes. SeaTalk cable is available in 15", 1m, 3m, 5m, and 9m lengths (D230, D284, D285, D286, and D287 respectively).
- NMEA 0183 cables may be extended using commonly available marine grade twisted pair signal cable.
- For serial interfaces to PCs, PC's lacking a serial port on the PC's motherboard should be accessorized with a SeaLevel Model 2105 or 2201 Serial to USB Adapter.

Acronyms:

MFD: Multifunction Display (includes Dual Function Displays)

AP: Autopilot

[ST: SeaTalk](#)

[SHS: Smart Heading Sensor](#)

[MUX: NMEA 0183 Multiplexer](#)

Links:

[SeaTalk](#)

[NMEA 0183](#)

[SeaTalk 3-Way Junction Block](#)

[SeaTalk Auxiliary Junction Box](#)

[SeaLevel Model 2105](#)

[SeaLevel Model 2201](#)

[Actisense NDC-2](#)