

MiniPlex-2S

The MiniPlex-2S is an advanced multiplexer which combines NMEA 0183 data from multiple sources into one stream.

It also has two NMEA 0183 outputs and an RS232 port, and received NMEA 0183 sentences can be individually be routed to each of these outputs.

The RS232 port is bi-directional, so it can transmit NMEA 0183 data to a connected computer and at the same time, it can receive NMEA 0183 data to be routed to one or both NMEA 0183 outputs.

Communication speeds up to 57600 baud are supported (Out 2 and RS232 go up to 115200).

Input 4 can be set to **SeaTalk** mode, so it can receive SeaTalk data and convert it into NMEA 0183.

A comprehensive set of features include routing/filtering of NMEA 0183 sentences, numerous conversions, prioritisation of data etc. make the MiniPlex-2S the ultimate solution for any interfacing requirement.



MiniPlex-2S Technical specifications

Supply voltage:	8-35 V _{DC} , protected against reversed polarity
Current consumption:	50 mA (100 mA max. with fully loaded talker ports)
Host interface:	RS232, galvanically isolated
Inputs:	4 x NMEA 0183/RS422, galvanically isolated In 4 can be set to SeaTalk mode
Input resistance:	> 800 Ohm
Input current:	1.2 mA @ 2 V
Outputs:	2 x NMEA 0183/RS422
Max output current:	20 mA @ > 2 V
Routing table size:	50 sentence types
Priority table size:	50 sentence types
Speed NMEA 0183 In 1 - 3:	4800 - 57600 baud
Speed NMEA 0183 In 4/Out 1:	4800 - 57600 baud
Speed NMEA 0183 Out 2:	4800 - 115200 baud
Indicators:	Overflow and Data
Housing:	Flame retardant ABS
Dimensions:	138 x 62 x 30 mm