

MiniPlex-Lite

The MiniPlex-Lite is our entry level NMEA 0183 multiplexer. Based on the proven technology of our existing range of multiplexers, we have taken the fundamental elements of a multiplexer and created a basic zero-configuration and easy to install unit.

No configuration is needed, no baud rates to select. Just plug in the MiniPlex-Lite into a free USB port of your computer, a PC or a Mac, install the driver and it is up and running. It needs no further configuration. Just connect the cables of your instruments to the clamp-connectors with the factory-supplied tool and your computer-based navigation system is complete.

A unique feature of the MiniPlex-Lite is the auto-sensing NMEA 0183 input 3. This input will automatically detect the high speed data from a connected AIS receiver or transponder, which is transmitted at 38400 Baud as opposed to standard NMEA equipment which operates at 4800 Baud.

Note: The MiniPlex-Lite is cannot be used as a stand-alone unit, it must be used with a computer.



MiniPlex-Lite Technical specifications:

Supply voltage:	Powered from the USB bus, no external power
Current consumption:	30 mA (80 mA max. with fully loaded talker ports)
Host interface:	USB, galvanically isolated Internal speed: 57600 baud
Inputs:	3 x NMEA 0183/RS422, galvanically isolated
Input resistance:	> 1.2 kOhm
Output:	1 x NMEA 0183/RS-422
Max output current:	20 mA @ > 2 V
Speed NMEA 0183 inputs:	In 1,2: 4800 baud In 3: autosensing from 4800 to 38400 baud
Speed NMEA 0183 Output:	4800 baud
Indicators:	Data
Housing:	Flame retardant ABS
Dimensions:	97 x 79 x 32 mm