

Instructions

AT10 Universal Converter (NMEA0183/SimNet)

The AT10 converts data on NMEA0183 format to SimNet/ NMEA2000 format and vice versa. AT10 is powered from the SimNet bus or from the NMEA2000 bus via an adaptor cable. AT10 is a universal converter as compared to AT15 which is a converter for IS15 only. **None of them should be used to replace the other.**

Consult your Simrad dealer about information. Connect AT10 as per instructions on the other side and note the table below about NMEA0183 sentences supported by AT10.

Note: The AT10 complies with NMEA0183 version 3.01.

Data converted from SimNet/NMEA2000 to NMEA0183 (TX) and vice versa (RX)

NMEA0183 sentence	TX (max rate [Hz])	RX
APB	0.5	x
BOD		x ³⁾
BWC	0.5	x
BWR		x
DBT		x
DPT	0.5 1 ¹⁾	x
GGA		x
GLL	0.5 ²⁾	x
HDG	4	x
HDM		x ²⁾
HDT	4	x
HSC	0.1	
MTW	0.2	x
MWV Relative Wind	1	x
MWV True Wind	1	x
RMA		x
RMB	0.5	x
RMC	0.5	x
RSA	3.33	
VHW	0.5	x
VTG	0.5	x
VLW	0.2 0.5 ¹⁾	x
VWR		x
WPL		x
XTE		x
ZDA	0.5	x
ZTG		x

Open cells indicates no transmission or reception.

Notes!

1. Applies only for units with P/N – S/N code AA
2. Applies for units with P/N – S/N code BA onwards
3. Applies for units with P/N – S/N code DA onwards

