

MARINE WIND SPEED AND DIRECTION DISPLAY



FEATURES

- Analogue 360° Wind Direction
- Analogue Speed displayed in Beaufort and Knots
- Standard 110mm square
- Surface mount—no cut-out
- Designed for Helm, Chart-table or Saloon use
- IP68
- NMEA-0183 (other versions available)
- Tracking back-light
- Directly connects to A5120 Wind Sensor
- 110x110x32.5mm

The A5500 is one of series of Marine Instrument Displays which Autonnic has designed to be both attractive and easy-to-use. IP68 for outside applications the displays can be mounted inside where the information is presented to all those onboard in an attractive way.

MECHANICAL

DESCRIPTION	NOTES	CONDITIONS	TYPICAL VALUE	UNIT
Dimensions			• 110x110x32.5mm	
Mounting			Any	
Cable Length			2	m
Weather Resistance			Sealed to IP68	

ORDER INFORMATION

PART	DESCRIPTION
A5520	Wind S-D 0183

ELECTRICAL CHARACTERISTICS AT 20°C

PARAMETER	DESCRIPTION	NOTES	MIN	TYP	MAX	UNIT
V _{cc}	Supply Voltage		8	12	30	Vdc
I _{cc}	Current consumption	Daylight		25		mA
I _{cc}	Current consumption	With backlight	35		80	mA

NMEA-0183 INPUTS

The input to the A5520 display instrument is a standard NMEA-0183 sentence which can be configured to be in one of several standard forms such as:

\$WIMWV,aaa.a,R,ss.s,N,A*hhhh<cr><lf>

Where a is direction and s is speed

The manual contains details of how these options are commanded.

CONNECTIONS

Wire	Colour	Type	Function
1	Red	Power	+8 to +30V
2	Blue	Signal	NMEA OUT+
3	Green	Signal	NMEA IN+
4	Yellow	Signal	NMEA IN-
5	Screen/Black	Power and Signal	GROUND 0V

MOUNTING

