

MARINE COMPASS DISPLAY



FEATURES

- Familiar Rotating Card Compass Display
- Standard 110mm square
- Surface mount - no cut-out
- Designed for Cockpit, Chart-table or Saloon
- IP68
- NMEA-0183 (other versions available)
- Tracking back-light for best night-vision
- Can be directly driven by A5022 or A4032 Compass sensors

The A5500 is one of series of Marine Instrument Displays 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			110 x 110 x 32.5	mm
Mounting			Any	
Cable Length			2	m
Weather Resistance			Sealed to IP68	

ORDER INFORMATION

PART	DESCRIPTION
A5500	Card Compass 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 A5500 display instrument is a standard NMEA-0183 sentence which can be configured to be in one of several standard forms such as:

\$HCHDG,hhh.h,,,,*ss<CR><LF>

or \$HCHDT,hhh.h,T<CR><LF>

The manual contains details of how these options can be 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 DETAILS

