

MARINE HEADING INDICATOR

The A5501 is one of a series of Marine Indicators designed to be both attractive and easy-to-use giving you at-a-glance information wherever you are and peace of mind that all is well above deck.

Although completely weather-proof to IP67 for outside applications the displays can be also be mounted in the saloon where the information can be made available to all those onboard in a way which is visually compatible with the interior design.



- Functional for use at the helm, styled to enhance your life below deck.
- Single function – Quick and easy to read / operate.
- Easy to DIY install - Standard 110mm square
- Only 32.5mm deep
- Standard NMEA-0183 input and works directly from Autonnic Compass Sensors such as the A5024
- Variable back-light

MECHANICAL

DESCRIPTION	NOTES	CONDITIONS	TYPICAL VALUE	UNIT
Dimensions			110 x 110 x 32.5	mm
Mounting			Any	
Cable Length			4	m
Weather Resistance			Sealed to IP67	

ORDER INFORMATION

PART	DESCRIPTION
A5501	Card Heading Indicator 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	40	mA
I _{CC}	Current consumption	With backlight		35	80	mA
T	Operating temperature		0		40	°C
T	Storage temperature		-10		70	°C

NMEA 0183 INPUTS

The input to the A5501 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>

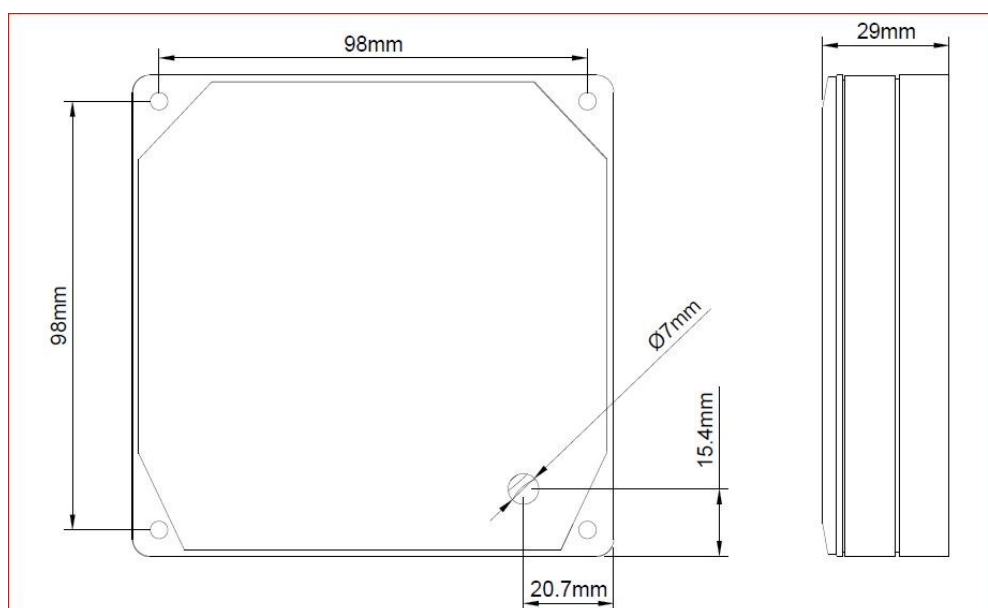
or \$HCHDT,hhh.h,T<CR><LF>

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

DIMENSIONS AND MOUNTING DETAILS



All dimensions in mm
The mounting holes are for 4mm screws

Overall size is 110 x 110