



Auto Anchor



AutoAnchor 300 Series Installation and Operation

INTRODUCTION

The AA300 series products are designed for the remote control of systems such as windlasses, small cranes, passerelles, thrusters, swimming platforms. Available with 2 or 4 outputs the units can be installed to meet your specific requirements.

MODELS

AA320	2 outputs -	1 button up, 1 button down
AA341	4 outputs -	1 button up, 1 button down, 2 customisable buttons
AA342	4 outputs -	2 buttons up and 2 buttons down Designed for dual windlass control

READ BEFORE INSTALLATION

- The AA300 products should only be installed by a qualified marine electrician. Do not attempt installation unless you are suitably qualified.
- This manual supports the use of the AutoAnchor only. The appropriate manufacturer's instructions must be followed for the installation and use of the system it is installed to control.
- There must be an alternative method available to operate the system to be controlled.
- Non compliance with the instructions could impair the product operation, and could result in personal injury and/or damage to the boat.
- Opening the instrument and non compliance with the instructions will void the manufacturer's warranty.
- The AA300 series manufacturer and supplier accept no liability for personal injury or property damage resulting from failure to follow the installation and operation instructions or the use of the AA300 series products in a way that may cause accidents or damage or that may violate the law.
- All the technical and cable specifications must be checked and adhered to.
- Wiring diagrams must be followed without modification.
- Before use the product must be correctly set up for the system it is to control and tested in a safe environment.
- All installations must be carried out in accordance with USCG, ABYC, NMMA and BMEA requirements.
- When this product reaches the end of its useful life it must be disposed of in accordance with local regulations.

KIT INCLUDES

Handset, cradle, socket, socket sealing cap, screws for cradle and socket, drilling template, decals for customised buttons (Model AA341 only).

INSTALLATION

FITTING THE SOCKET

Position the socket so that it can be easily reached by the operator.

Choose a clean, smooth, flat location where the underside of the socket will not be exposed to water or humidity.

Allow sufficient space behind the socket for the passage of the cable.

Use the drilling template to mark the drill holes.

Before drilling ensure there is nothing behind the drilling area that could be damaged or weakened by drilling.

Ensure the seal sits directly under the socket base.

Put the cable and the plug through the hole.

Fix the socket in position with the 4 screws provided.

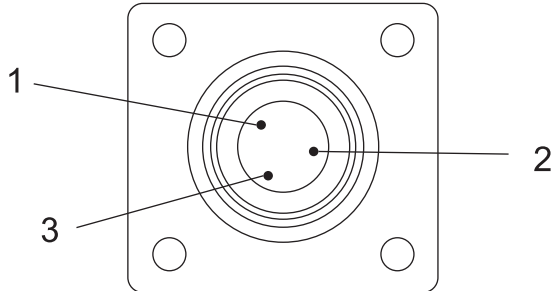
WIRING INSTRUCTIONS

Deck Socket view from front

Pin 1 +ve power in

Pin 2 Up

Pin 3 Down



FITTING THE CRADLE

Use the 2 screws supplied to mount the cradle on a flat surface, where the unit will be protected from the environment when not in use.

USE

Unscrew the sealing cap.

Fit the plug into the socket ensuring the pins are aligned correctly.

Turn clockwise to lock.

Switch on the power supply .

Hold the button to control the system as per your set up.

Release the button to stop.

When finished unscrew the plug from the socket.

Replace the sealing cap.

SPECIFICATIONS - All Models

Suitable for use with AC or DC power supply.

Maximum Operating Voltage	25V AC (RMS) 30V DC
Contact Current Rating	5A Resistive Load 3A Inductive Load
Operating Temperature Range	-5° C to 60° C (23° to 140°F)
IP Rating ¹	IP67
Dimensions - Handset (HxWxD)	150.36 mm x 64.37 mm x 47.42 mm (5.92" x 2.53" x 1.87")
Standard Cable Extension	3.5 metres
Flying Lead from Deck Socket	2 metres (available as spare part AA9218)
EMC	

¹ With the plug and socket fitted together correctly or with the sealing cap screwed in place.

To the best of our knowledge the information in this manual was correct at the time of printing. However, the AutoAnchor products are continuously being reviewed and improved and product specifications may be changed without notice. The latest product specifications may not be reflected in this version of the manual. The documentation relating to the AutoAnchor products is created in the English language and may be translated from English to another language. In the event of any conflict between translated documents, the English language version will be the official version.

AutoAnchor documents are available on the website www.autoanchor.co.nz



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