



SIDE-POWER
Thruster Systems

Keep this
manual onboard!

Control Panels
86-08950 & 86-08955



86-08950



86-08955

To download your language go to www.side-power.com



SLEIPNER MOTOR AS

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Products

86-08950 - Kontrollpanel ankervinsj
86-08955 - Rundt kontrollpanel ankervinsj

DECLARATION OF CONFORMITY

MC_0020

 Sleipner Motor AS
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Declare that this product with accompanying standard control systems complies with the essential health and safety requirements according to:

DIRECTIVE 2013/53/EU
DIRECTIVE 2014/30/EU
DIRECTIVE 2014/35/EU

It is the installers responsibility

When installing Side-Power equipment follow the outlined regulations/ classification rules (electrical/ mechanical) according to international or special national regulations. Instructions in this guide cannot be guaranteed to comply with global electric/ mechanic regulations/ classification rules.

Follow all health and safety laws in accordance with their local outlined regulations/ classification rules.

Before installation, it is important that the installer reads this guide to ensure necessary acquaintance with the product.

The recommendations made in this manual are guidelines ONLY, and Sleipner Motor AS (Side-Power) strongly recommend that before installation, advice is obtained from a naval architect familiar with the particular vessel and regulations/ classifications.

This manual is intended to support educated/ experienced staff and is therefore not sufficient in all details for professional installation. *(NB: These instructions are only general instruction. If you are not skilled to do this work, please contact professional installers for assistance.)*

All electrical work must be done by a licensed professional.

Faulty installation of Sleipner products will render all warranty given by Sleipner Motor AS void.

MC_0038

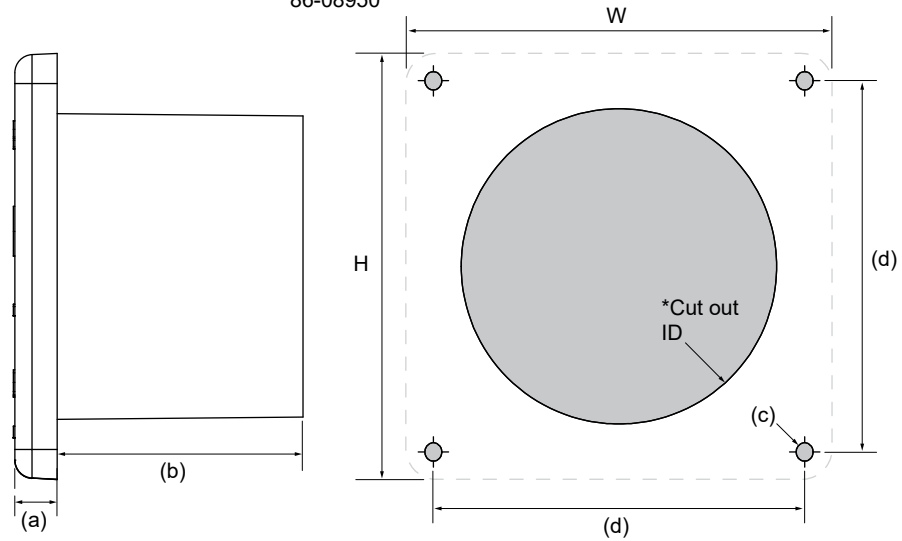
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Installation Considerations and Precautions

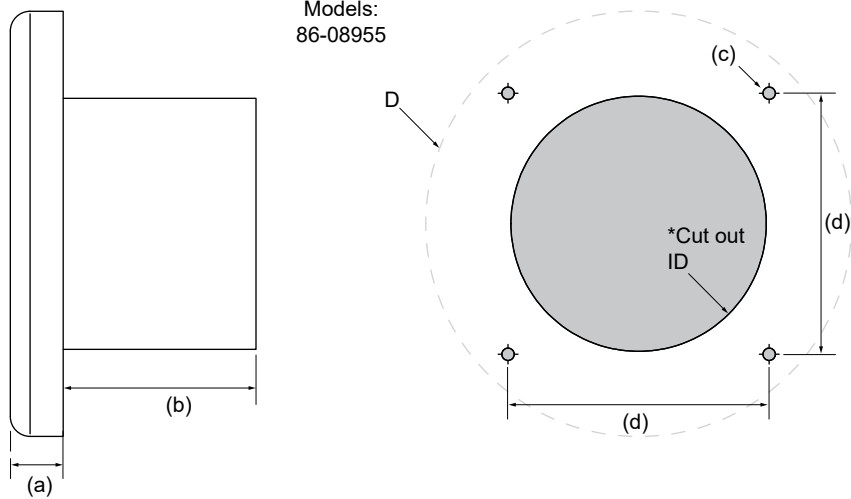
MC_0356

- These panels will only work with Side-Power thrusters with a built in electronic control box and a 4/5 lead control cable system.
- Display area are waterproof when installed correctly. (NB: Never submerge the entire control panel unit in water as this will damage the product and cause a short-circuit)

Models:
86-08950



Models:
86-08955



MG_0400

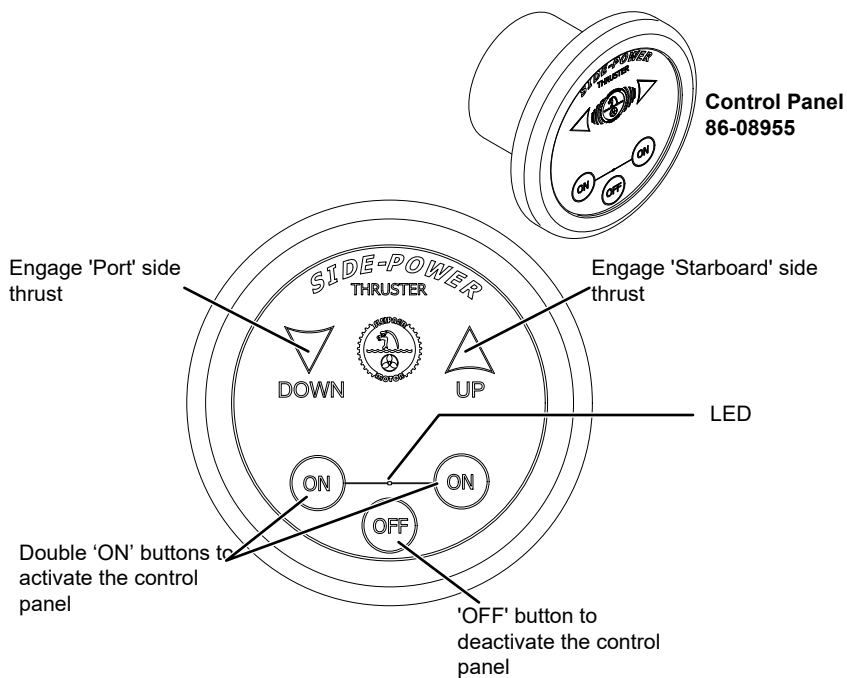
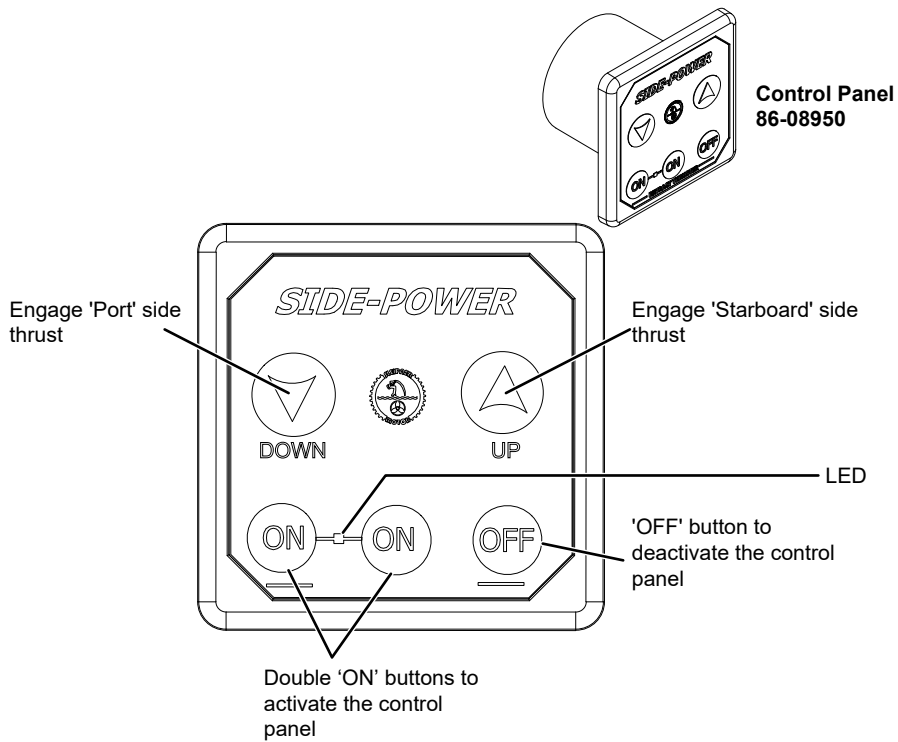
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Measurements

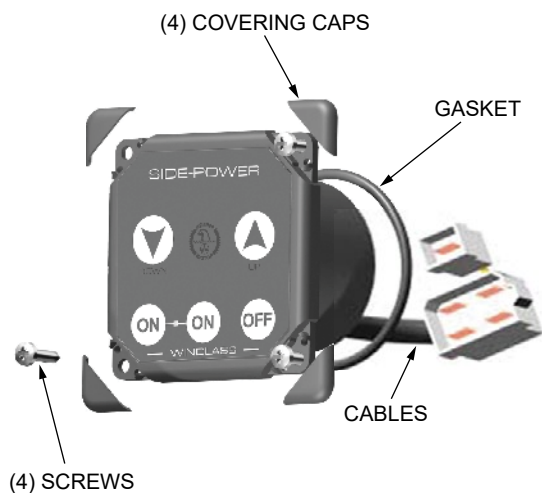
MC_0363

Measurement code	Measurement description	*86-08950		*86-08955	
		mm	inch	mm	inch
ID	Internal panel diameter cut out	51.8	2	51.8	2
D	panel diameter	-	-	86	3.39
H	Panel Height	71	2.8	-	-
W	Panel width	71	2.8	-	-
(a)	Raised height above the dashboard	7	0.26	10.7	0.42
(b)	Depth behind the dashboard (not inc. cables)	41	1.61	39	1.5
(c)	Panel screw hole diameter	3	0.12	2.5	0.10
(d)	Distance between panel screw holes	61	2.4	53	2.09

Control Panel



Example of control panels



MG_0402

EN

Control Panel Installation

MC_0042

! Please refer to the graphic for special considerations relating to your model !

Find a suitable location for the control panel where it does not obstruct or is obstructed by other devices. Install the control panel on a flat surface where it is easy to use.

1. Use the supplied cut-out template to mark the area to remove on your control dash.
2. Cut out the area per template for the control panel. **(NB: If the front surface around your cut out is jagged or chipped, use a sealant to assist the gasket.)**
3. Place the gasket to the back face of the panel
4. Plug cables into the connectors at the rear of the control panel.
5. Insert the control panel in place and fasten screws.
6. Insert the control panels covering caps.

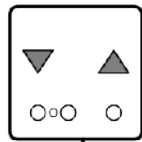
Visual Wiring Diagram

(Altern. control panel)
86-00002

Control panel 86-08950 or Control panel 86-08955



Opt. Side-power remote receiver



4-lead Sidepower control cable

Connection to control box (without Sidepower control cable) :
white to terminal N
green to terminal OUT
brown to terminal V+

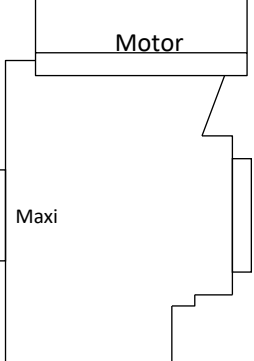
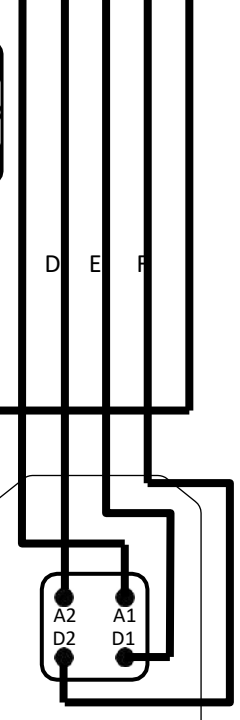
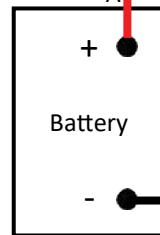
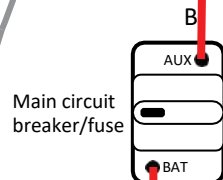
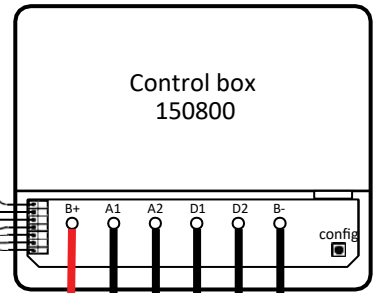
Connection to control box :
Black to terminal V-
Blue to terminal N
Grey to terminal OUT
Red to terminal V+

Cable size A,B,C,D,E and F :

f total length
A+B+C+D+E+F <6m : 25mm²
A+B+C+D+E+F=6-16m : 35mm²
A+B+C+D+E+F>16m : 50mm²

To change motor direction:
Change cables D1 and D2 on motor

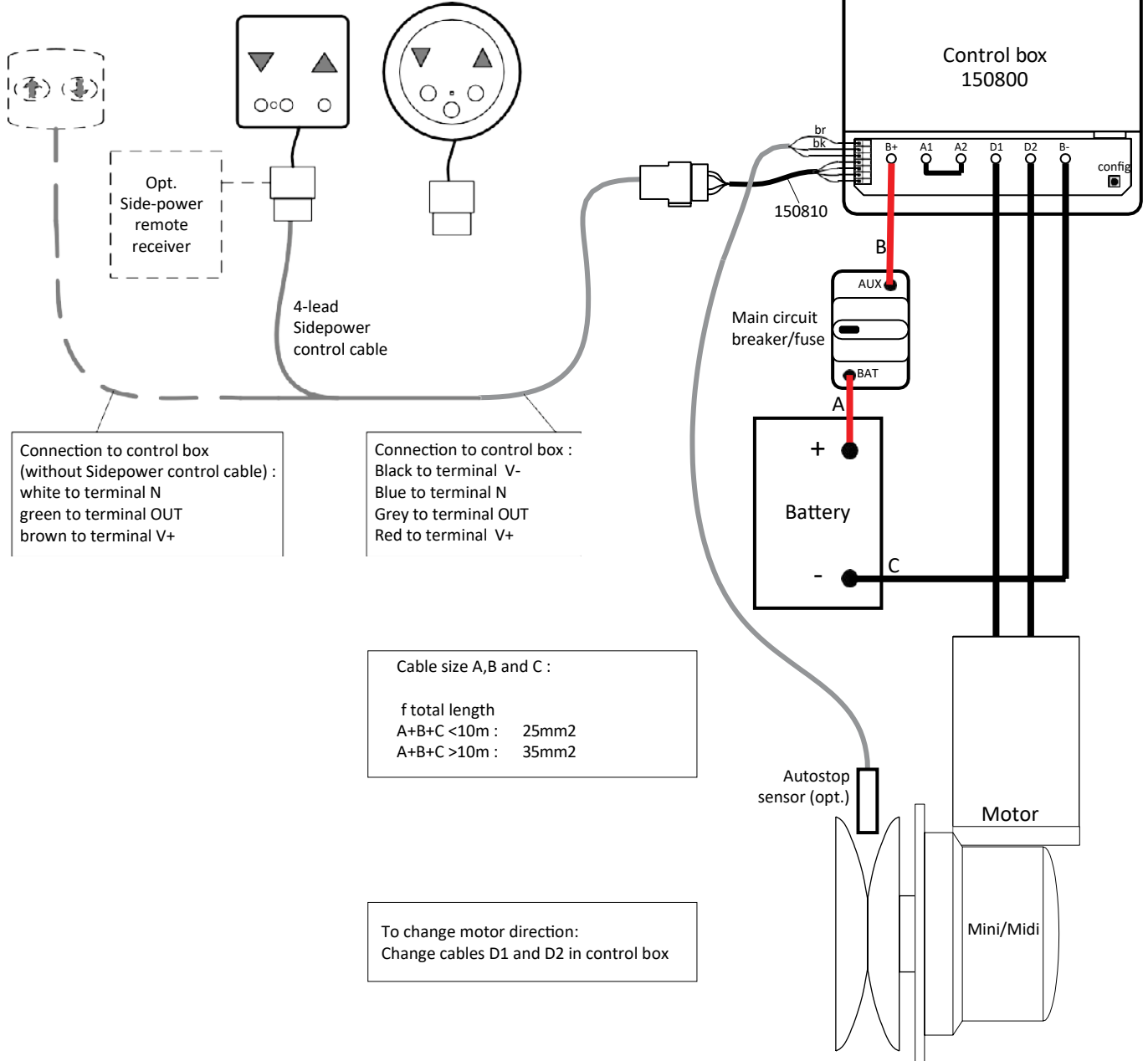
Autostop Sensor
(Not applicable for chain)



Visual Wiring Diagram

(Altern. control panel)
86-00002

Control panel 86-08950 or Control panel 86-08955



Connection to control box
(without Sidepower control cable) :
white to terminal N
green to terminal OUT
brown to terminal V+

Connection to control box :
Black to terminal V-
Blue to terminal N
Grey to terminal OUT
Red to terminal V+

Cable size A,B and C :

f total length
A+B+C <10m : 25mm²
A+B+C >10m : 35mm²

To change motor direction:
Change cables D1 and D2 in control box

For the most up to date documentation, we advise you to visit our website www.side-power.com for the spare parts list.

For additional supporting documentation, we advise you to visit our website www.side-power.com for the spare parts list.

1. The equipment manufactured by Sleipner Motor AS (The "Warrantor") is warranted to be free from defects in workmanship and materials under normal use and service.
2. This Warranty is in effect for of two years (Leisure Use) or one year (Commercial use) from the date of purchase by the user. Proof of purchase must be included, to establish that it is inside the warranty period.
3. This Warranty is transferable and covers the product for the specified time period.
4. In case any part of the equipment proves to be defective, other than those parts excluded in paragraph 5 below, the owner should do the following:
 - (a) Prepare a detailed written statement of the nature and circumstances of the defect, to the best of the Owner's knowledge, including the date of purchase, the place of purchase, the name and address of the installer, and the Purchaser's name, address and telephone number;
 - (b) The Owner should return the defective part or unit along with the statement referenced in the preceding paragraph to the warrantor, Sleipner Motor AS or an authorized Service Centre, postage/shipping prepaid and at the expense of the Purchaser;
 - (c) If upon the Warrantor's or Authorized Service Centre's examination, the defect is determined to result from defective material or workmanship, the equipment will be repaired or replaced at the Warrantor's option without charge, and returned to the Purchaser at the Warrantor's expense;
 - (d) no refund of the purchase price will be granted to the Purchaser, unless the Warrantor is unable to remedy the defect after having a reasonable number of opportunities to do so. Prior to refund of the purchase price, Purchaser must submit a statement in writing from a professional boating equipment supplier that the installation instructions of the Installation and Operation Manual have been complied with and that the defect remains;
 - (e) warranty service shall be performed only by the Warrantor, or an authorized Service Centre, and any attempt to remedy the defect by anyone else shall render this warranty void.
5. There shall be no warranty for defects or damages caused by faulty installation or hook-up, abuse or misuse of the equipment including exposure to excessive heat, salt or fresh water spray, or water immersion except for equipment specifically designed as waterproof.
6. No other express warranty is hereby given and there are no warranties which extend beyond those described in section 4 above. This Warranty is expressly in lieu of any other expressed or implied warranties, including any implied warranty of merchantability, fitness for the ordinary purposes for which such goods are used, or fitness for a particular purpose, and any other obligations on the part of the Warrantor or its employees and representatives.
7. There shall be no responsibility or liability whatsoever on the part of the Warrantor or its employees and representatives for injury to any person or persons, or damage to property, loss of income or profit, or any other consequential or resulting damage or cost which may be claimed to have been incurred through the use or sale of the equipment, including any possible failure or malfunction of the equipment, or part thereof.
8. The Warrantor assumes no liability for incidental or consequential damages of any kind including damages arising from collision with other vessels or objects.
9. This warranty gives you specific legal rights, and you may also have other rights which vary from country to country.

Area with horizontal dotted lines for notes.

Area with horizontal dotted lines for taking notes.

Worldwide sales and service



www.side-power.com



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MC_0030