

SIMRAD

Professional Console Installation Manual

ENGLISH



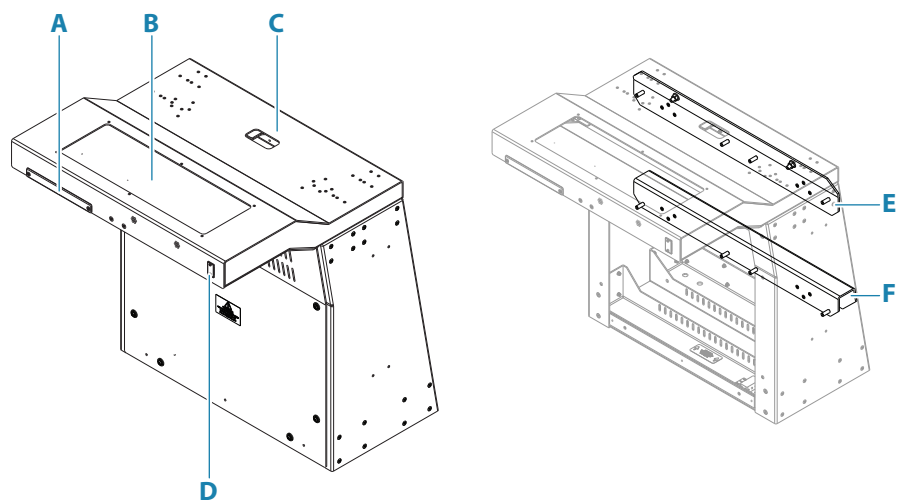
www.navico-commercial.com/

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Overview



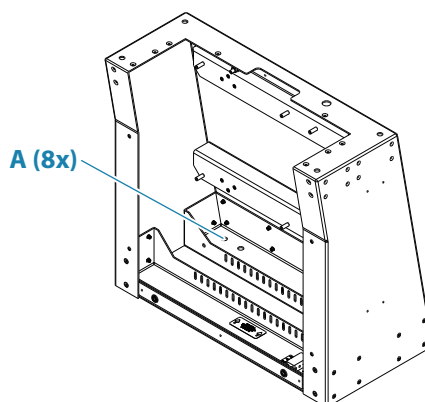
External	
A	DVD-player slot
B	Mouse and keyboard/controller location
C	Monitor location
D	USB port slot
Internal	
E	Upper support bracket
F	Lower support bracket

2

Console

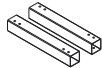
Mounting the console

There are a total of 8 mounting holes (A) that can be used to fix the console to the deck of the vessel.

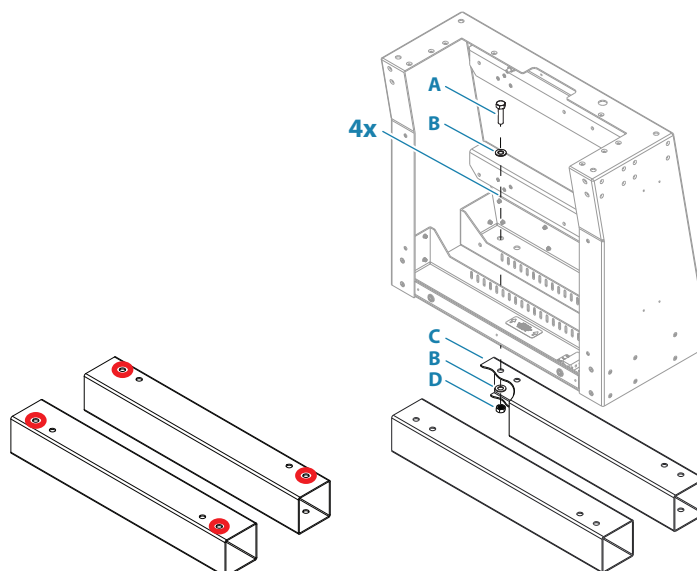


Optional mounting interface

Parts - Optional mounting interface

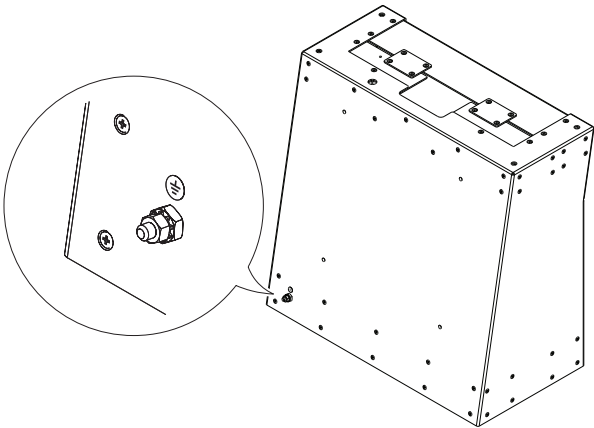
Parts included with SPC - deck mounting adapter		
	A	Screws (M12 x 30), 4x
	B	Washers (4.3 x 9 x 0.8), 8x
	C	Square beams, 2x
	D	Nuts (M12), 4x

Installation - Optional mounting interface

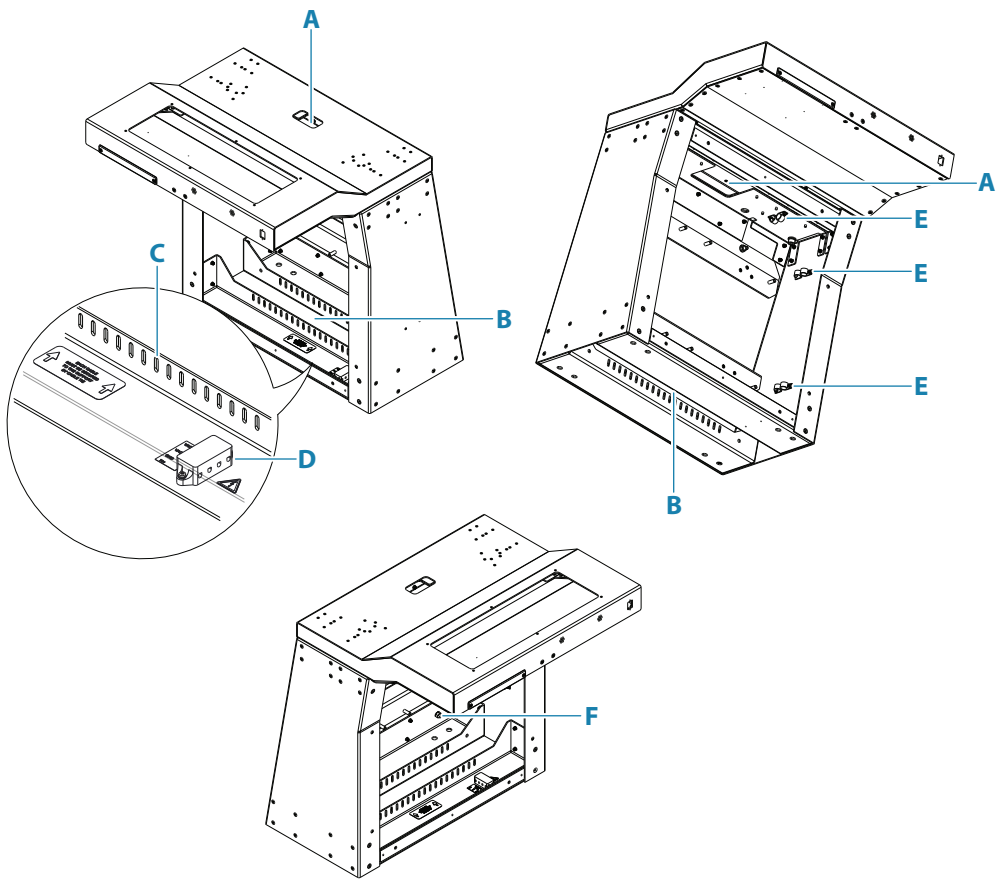


Grounding the console

The grounding pin shown below shall be used to ground the console.



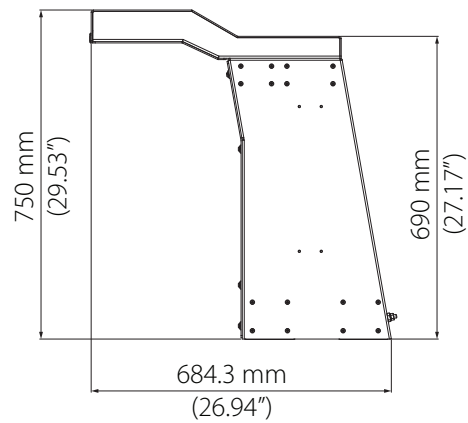
Wiring



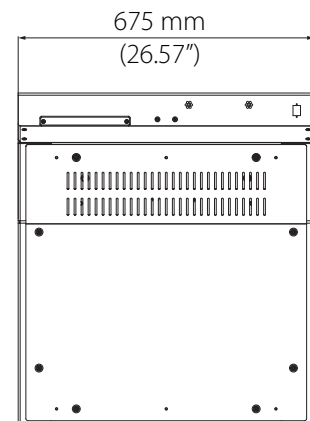
A	Cable transit for cables to/from monitors and input devices
B	Cable entry for external cables
C	Cable retainer
D	Power supply junction box
E	Cable clips
F	Grounding pin

Dimensional drawing

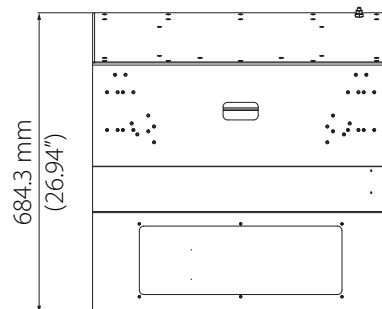
SIDE



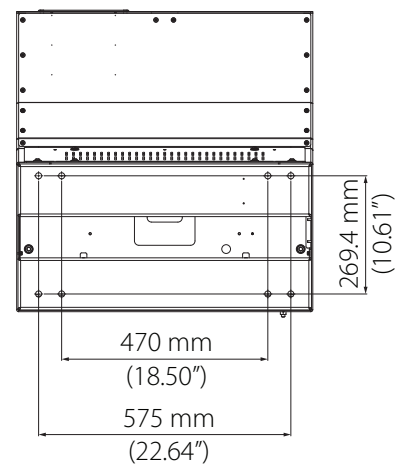
FRONT



TOP



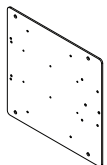
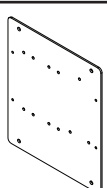
BOTTOM



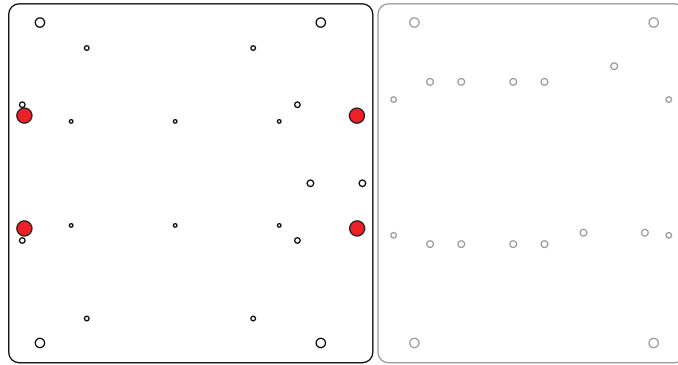
3

R5000 radar

Parts - R5000 PSU and R5000 processor

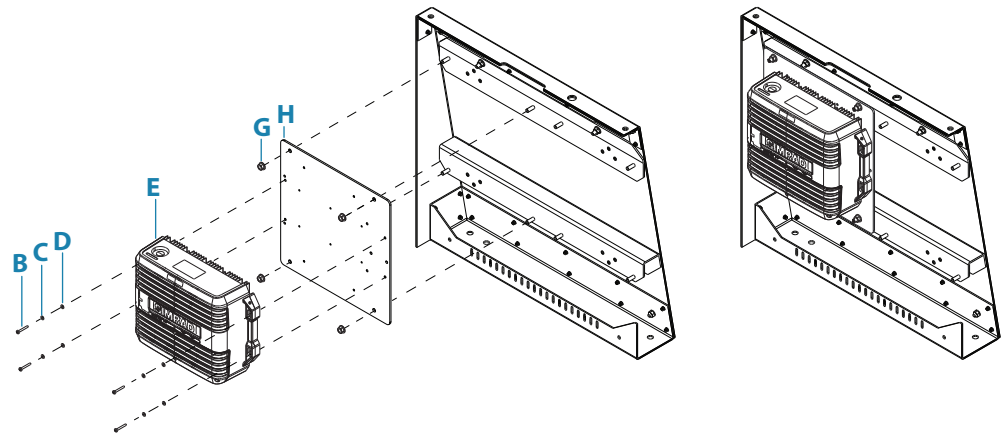
Parts included with SPC - left adapter kit		
	B	Screws (M4 x 30), 4x
	C	Spring washers (4.4 x 7.6 x 0.9), 4x
	D	Washers (4.3 x 9 x 0.8), 4x
	H	Interface plate left, 1x
Parts included with SPC - right adapter kit		
	A	Screws (M4 x 16), 4x
	C	Spring washers (4.4 x 7.6 x 0.9), 4x
	D	Washers (4.3 x 9 x 0.8), 4x
	I	Interface plate right, 1x
Parts included with the console		
	G	Nuts (M8), 8x
Parts not included in any kit		
	E	R5000 PSU, 1x
	F	R5000 processor, 1x

Mounting location - R5000 PSU

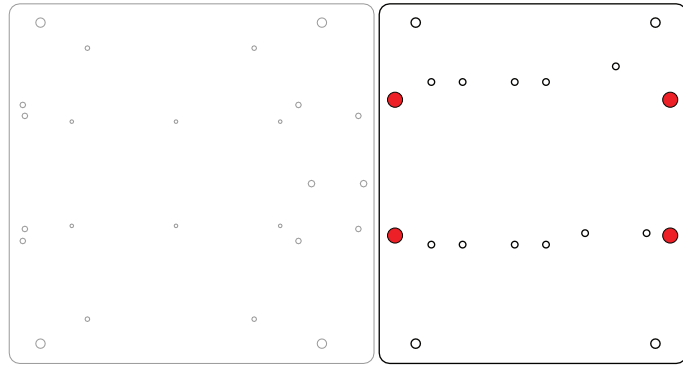


Installation - R5000 PSU

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.

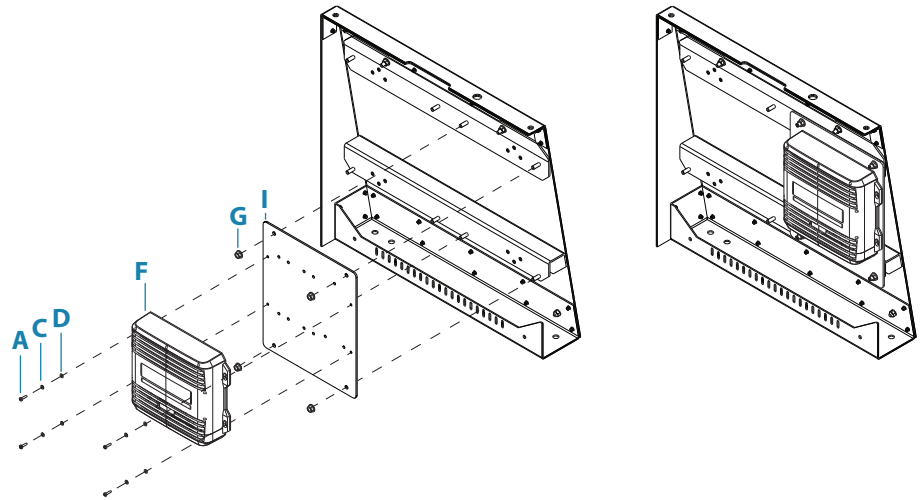


Mounting location - R5000 Processor



Installation - R5000 Processor

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.



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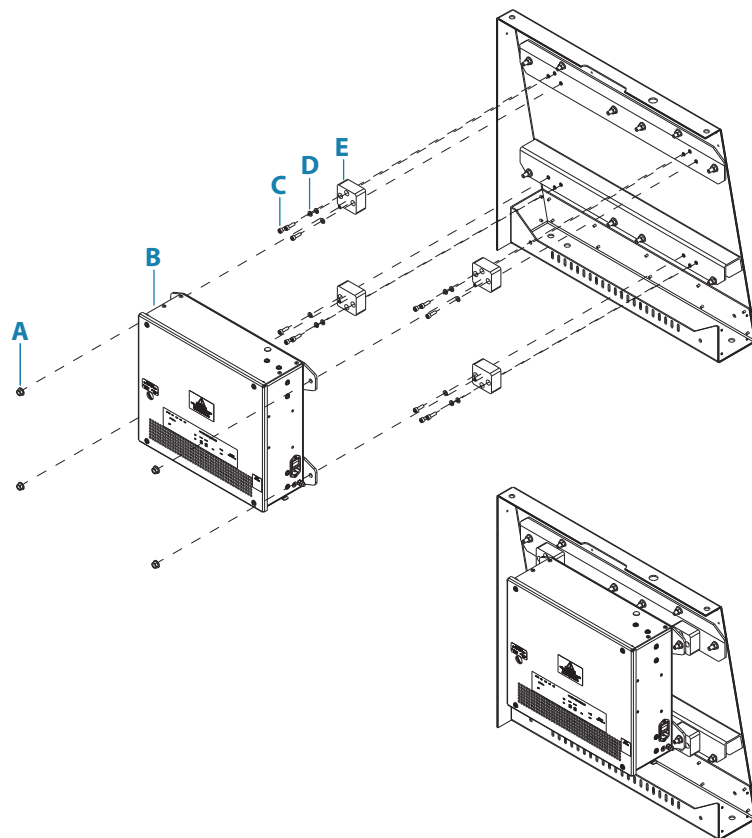
Argus radar

Parts - Argus core unit

Parts included with the SPC - Argus adapter kit		
	A	Nuts (M8), 4x
	C	Screws (M6 x 20), 12x
	D	Spring washers (6.5 x 11.8 x 1.6), 12x
	E	Spacers, 4x
Parts not included in any kit		
	B	Argus radar core unit, 1x

Installation - Argus core unit

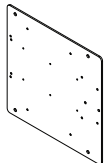
→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.



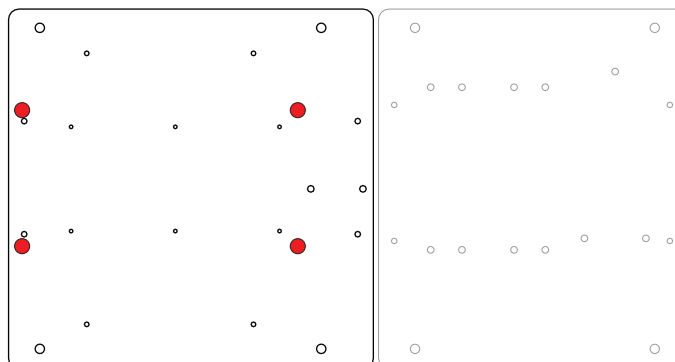
5

E50XX ECDIS processor

Parts - E50XX ECDIS processor

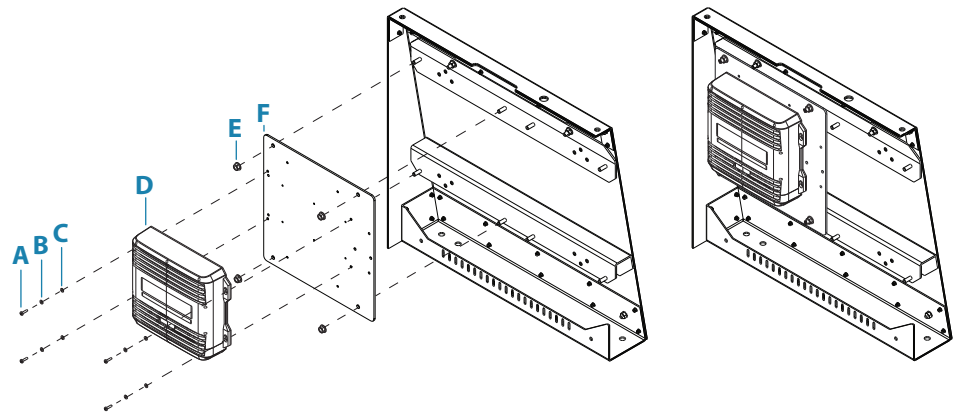
Parts included with the SPC-left adapter kit		
	A	Screws (M4 x 16), 4x
	B	Spring washers (4.4 x 7.6 x 0.9), 4x
	C	Washers (4.3 x 9 x 0.8), 4x
	F	Interface plate left, 1x
Parts included with the console		
	E	Nuts (M8), 4x
Parts not included in any kit		
	D	E50XX, 1x

Mounting location - E50XX ECDIS processor



Installation - E50XX ECDIS processor

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.

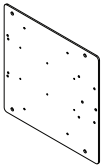


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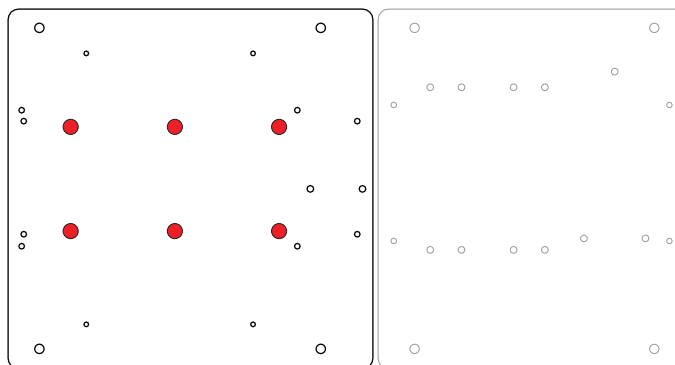
ECDIS 900 HTB30G processor

→ **Note:** HTB30K can be installed using the same mounting holes and screws.

Parts - ECDIS 900 HTB30G processor

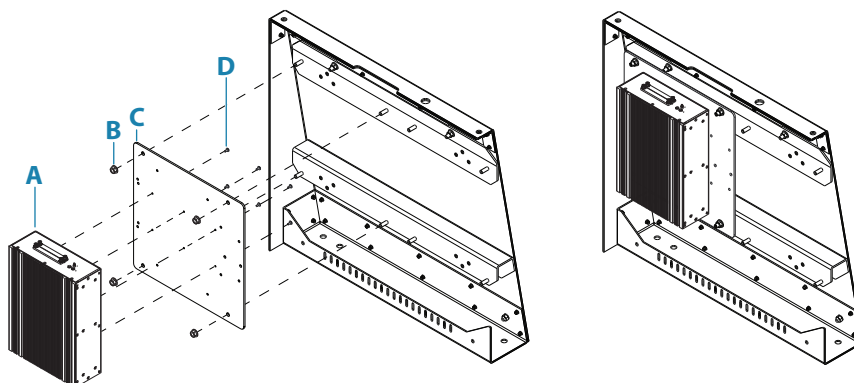
Parts included with the SPC-left adapter kit		
	C	Interface plate left, 1x
	D	Screws (M4 x 8), 6x
Parts included with the console		
	B	Nuts (M8), 4x
Parts not included in any kit		
	A	ECDIS 900 HTB30G processor, 1x

Mounting location - ECDIS 900 HTB30G processor



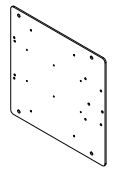
Installation - ECDIS 900 HTB30G processor

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.

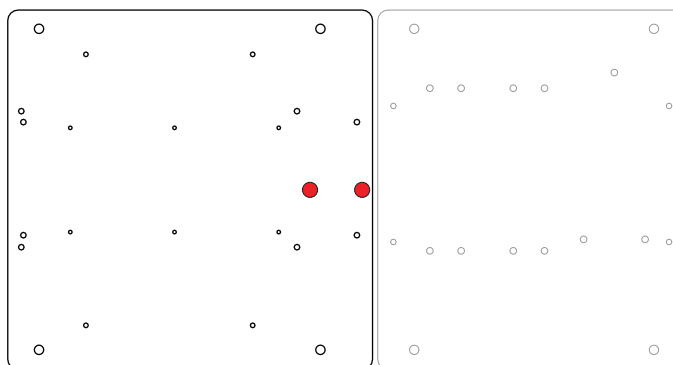


ECDIS network switch EDS-408A

Parts - ECDIS network switch EDS-408A

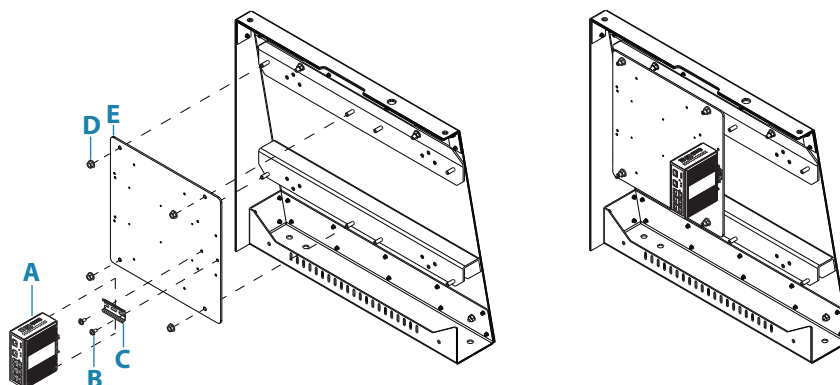
Parts included with the SPC - left adapter kit		
	B	Screws (M6 x 12), 2x
	C	DIN-rail, 1x
	E	Interface plate left, 1x
Parts included with the console		
	D	Nuts (M8), 4x
Parts not included in any kit		
	A	ECDIS Network Switch EDS-408A, 1x

Mounting location - ECDIS network switch EDS-408A



Installation - ECDIS network switch EDS-408A

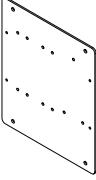
→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.



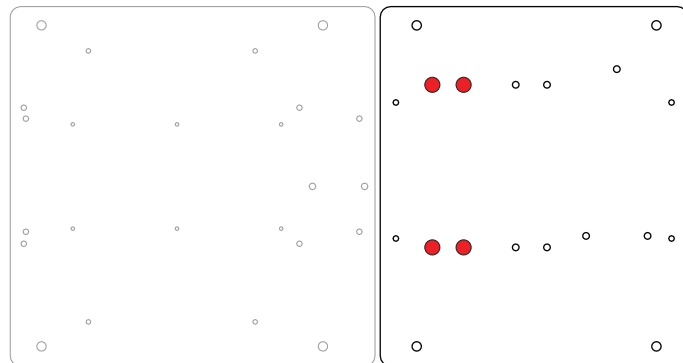
8

Quint Power supply

Parts - Power supply

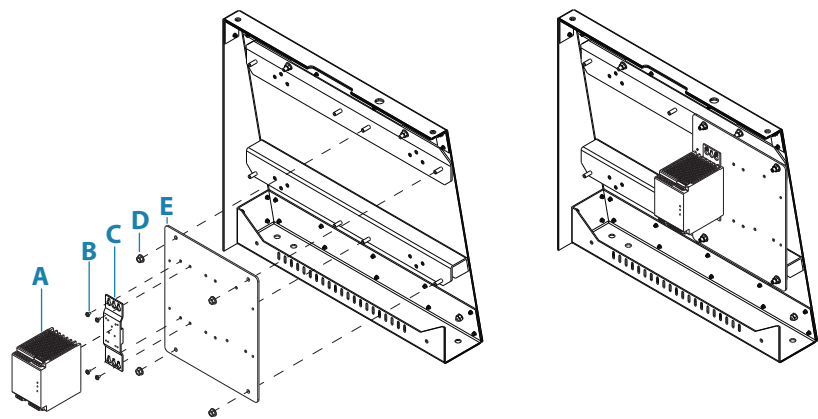
Parts included with the SPC - left adapter		
	B	Screws (M4 x 8), 4x
	E	Interface plate right, 1x
Parts included with the console		
	D	Nuts (M8), 4x
Parts not included in any kit		
	A	Power supply (Quint-PS/1AC/24DC/20), 1x
	C	Mounting adapter (UWA 182/52"), 1x

Mounting location - Power supply



Installation - Power supply

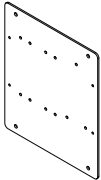
→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.



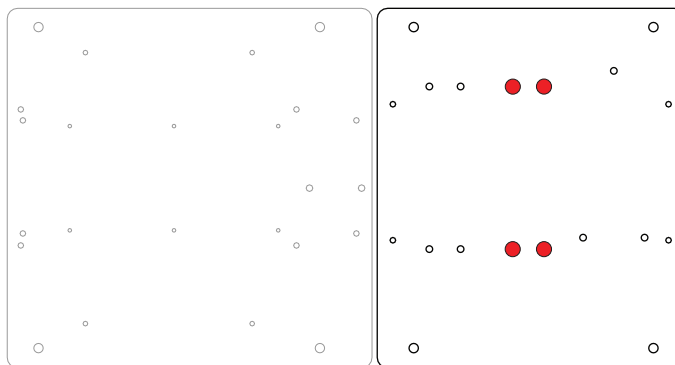
9

Quint UPS and battery

Parts - UPS and battery

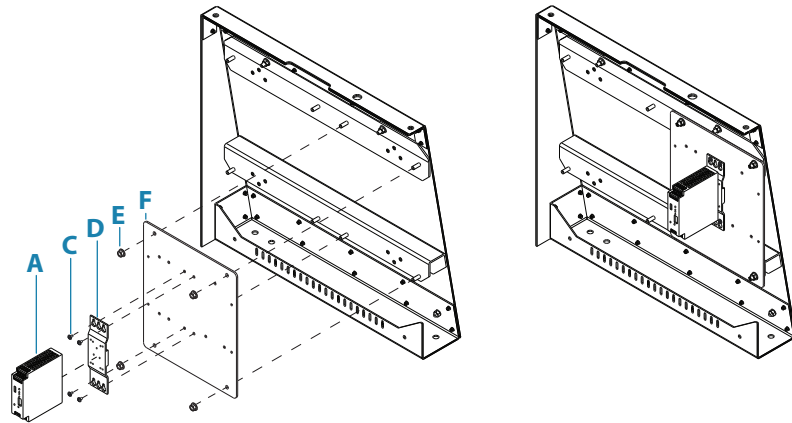
Parts included with the SPC-right adapter kit		
	C	Screws (M4 x 8), 7x
	F	Interface plate right, 1x
Parts included with the console		
	E	Nuts (M8), 4x
Parts not included in any kit		
	A	UPS (Quint-UPS/24DC/24DC/5), 1x
	B	Battery (UPS-BAT/VRLA/24DC/3.4AH), 1x
	D	Mounting adapter (UWA 182/52"), 1x

Mounting location - UPS

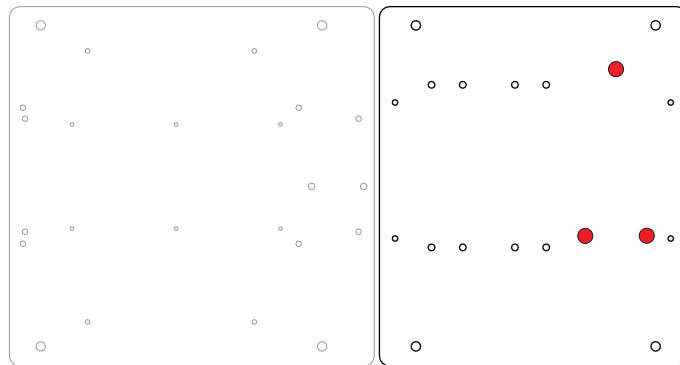


Installation - UPS

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.

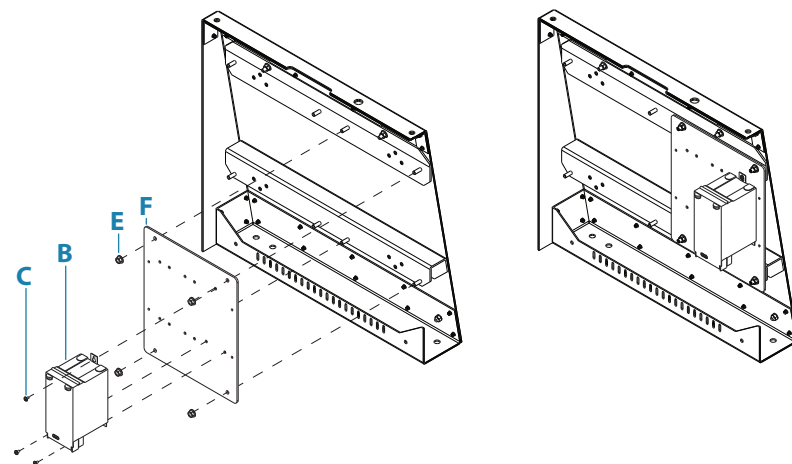


Mounting location - Battery



Installation - Battery

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.



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Other devices

Keyboard and trackball

Parts – Keyboard and trackball

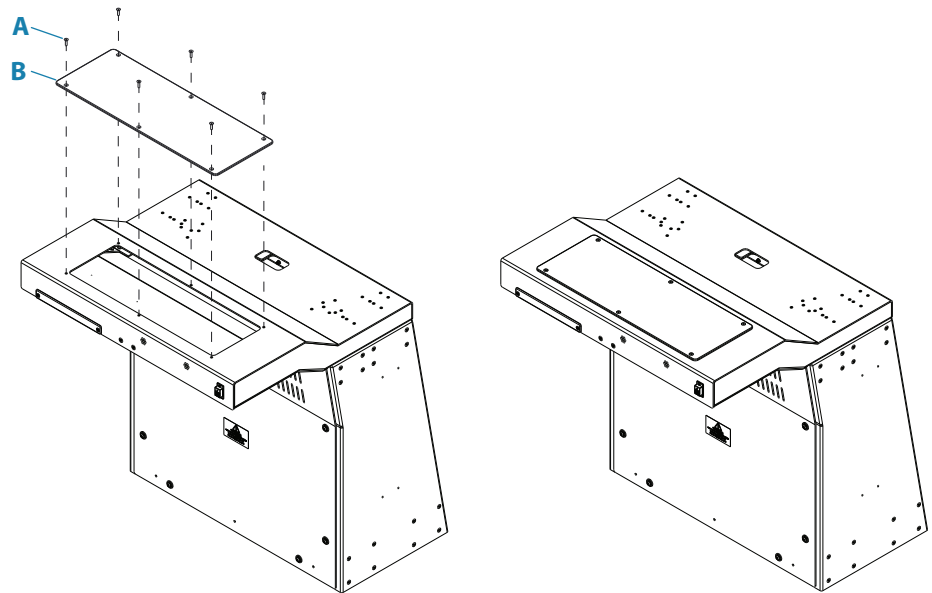
Parts included with the SPC - top cover

	A	Screws (M4 x 16, black), 6x
	B	Top cover, 1x

Installation – Keyboard and trackball

A commercial keyboard and trackball, Cherry keyboard and Marble trackball or OP3000 with trackball can be installed on top of the top cover. Adhesive Velcro strips can be used to secure devices to the top cover.

→ **Note:** Refer to the documents supplied with the equipment for detailed instructions.



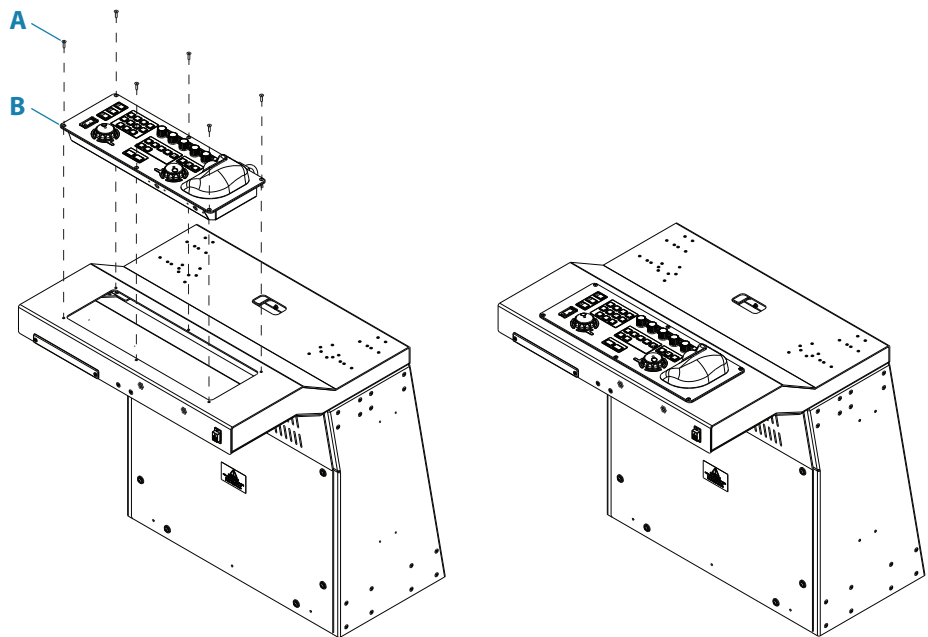
Argus multifunctional keyboard

Parts – Argus multifunctional keyboard

Parts included with the Argus multifunctional keyboard		
	A	Screws (M4 x 16, black), 6x
	B	Multifunctional keyboard, 1x

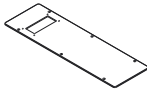
Installation – Argus multifunctional keyboard

→ **Note:** Refer to the documents supplied with the equipment for detailed instructions.



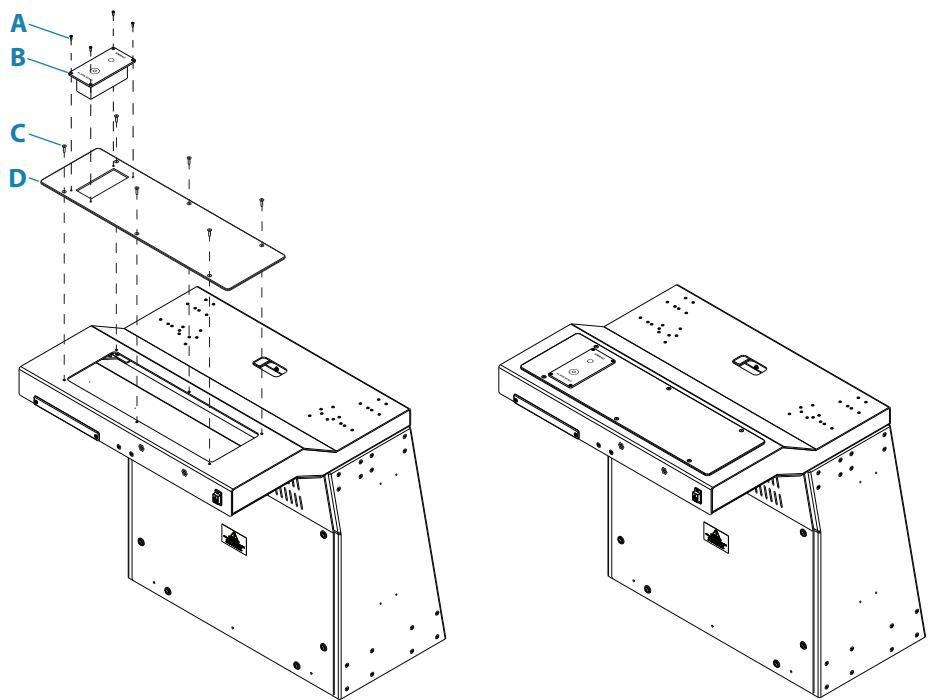
Alarm panel E0102

Parts - alarm panel E0102

Parts included with the SPC-KBW E0102 adapter kit		
	A	Alarm panel screws (M3 x 10), 4x
	C	Alarm panel adapter screws (M4 x 16, black), 6x
	D	Alarm panel adapter, 1x
	-	Alarm cover, to be used if E0102 is not installed
Parts not included in any kit		
	B	Alarm panel E0102, 1x

Installation - alarm panel E0102

→ **Note:** Refer to the documents supplied with the equipment for detailed instructions.



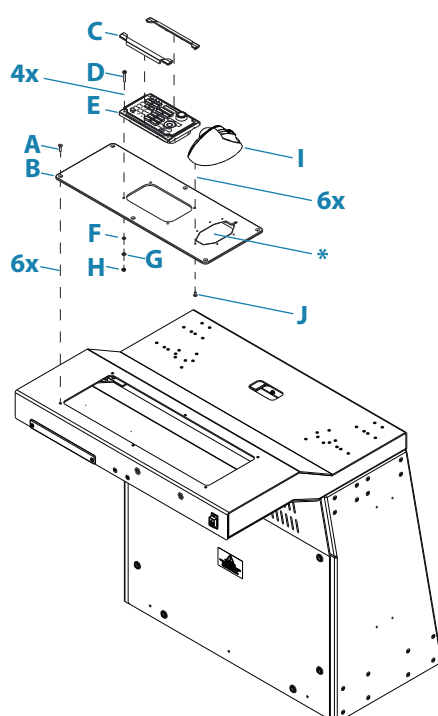
O2000 radar controller and O5000 trackball

Parts – O2000 radar controller and O5000 trackball

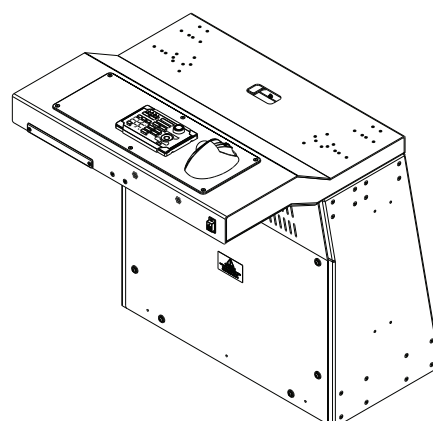
Parts included with the SPC-O2000 radar controller, O5000 trackball adapter kit		
	A	Adapter screws (M4 x 16, black), 6x
	B	Adapter panel, 1x
	D	O2000 screws (M4 x 25), 4x
	F	O2000 spring washers (4,4 x 7,6 x 0,9), 4x
	G	O2000 washers (4,3 x 9 x 0,8), 4x
	H	O2000 nuts (M4), 4x
	J	O5000 trackball screws (M3 x 8), x6
Parts not included in any kit		
	C	O2000 bazels (included with O2000), 2x
	E	O2000 radar controller, 1x
	I	O5000 trackball, 1x

Installation – O2000 radar controller and O5000 trackball

→ **Note:** Refer to the documents supplied with the equipment for detailed instructions. O5000 trackball can also be installed with adhesive Velcro strips.



* The internal part shall be removed if the trackball is screw mounted.



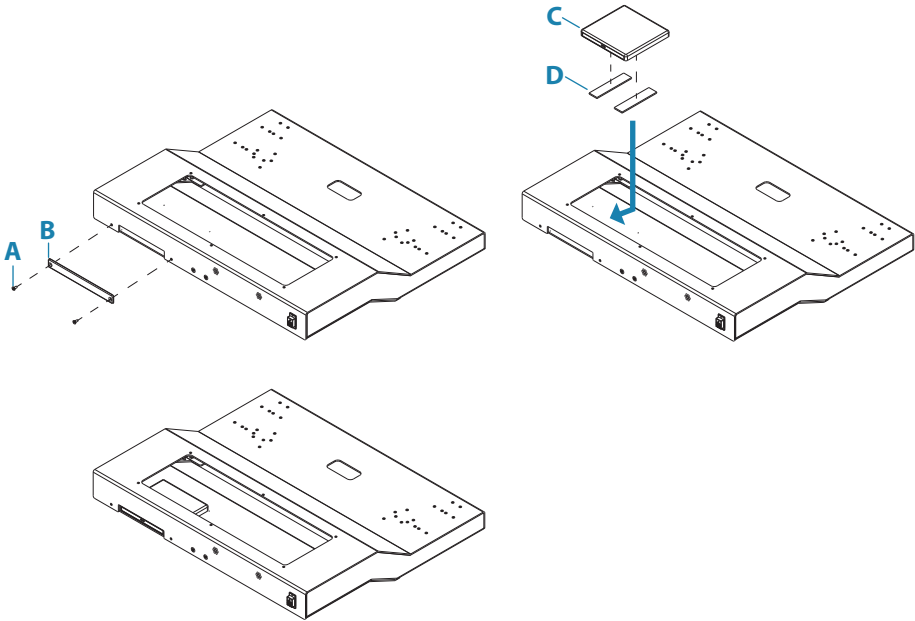
DVD player

Parts - DVD player

Parts included with the console		
	A	Screws (M4 x 10), 2x
	B	DVD cover plate, 1x
Parts not included in any kit		
	C	DVD-player
	D	Adhesive foam tape, 2x

Installation - DVD player

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.



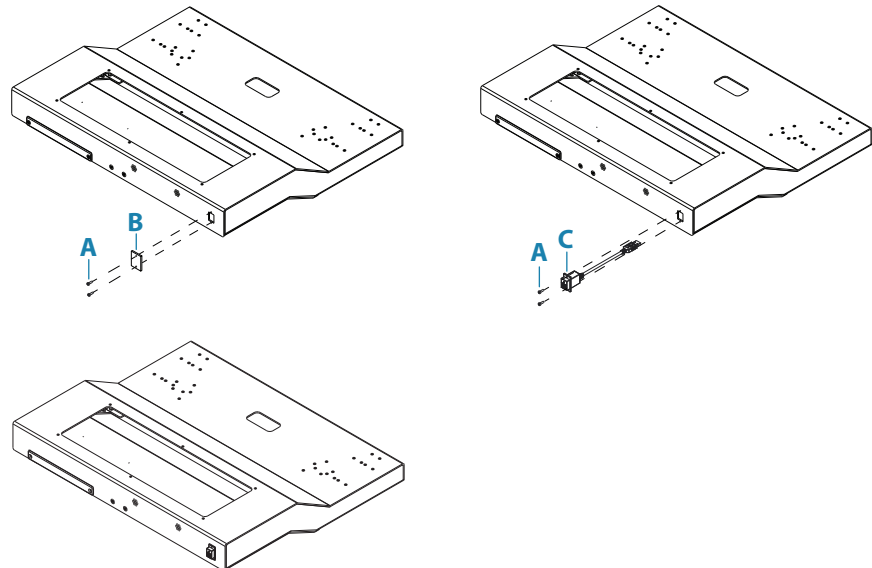
USB port

Parts - USB port

Parts included with the console		
	A	Screws (M3 x 10), 2x
	B	USB cover plate
Parts not included		
	C	USB port (USB A, female - male), 1x

Installation - USB port

→ **Note:** Refer to the documentation supplied with the equipment for detailed instructions.

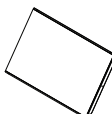


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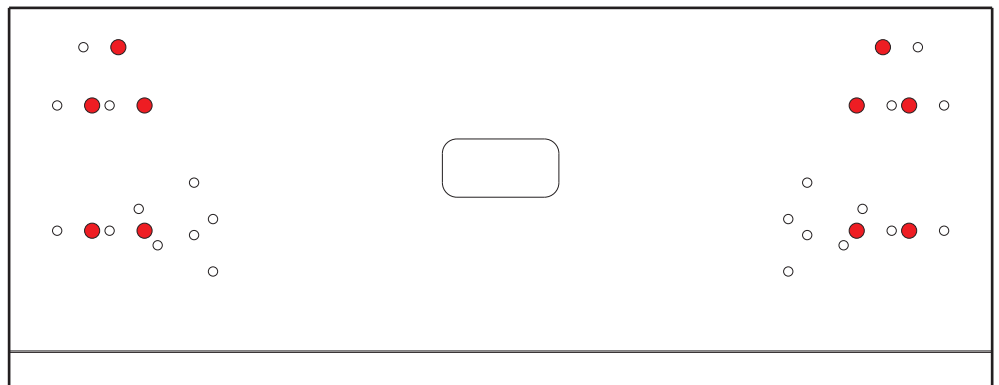
Monitors

Simrad M5024 monitor

Parts – Simrad M5024 monitor

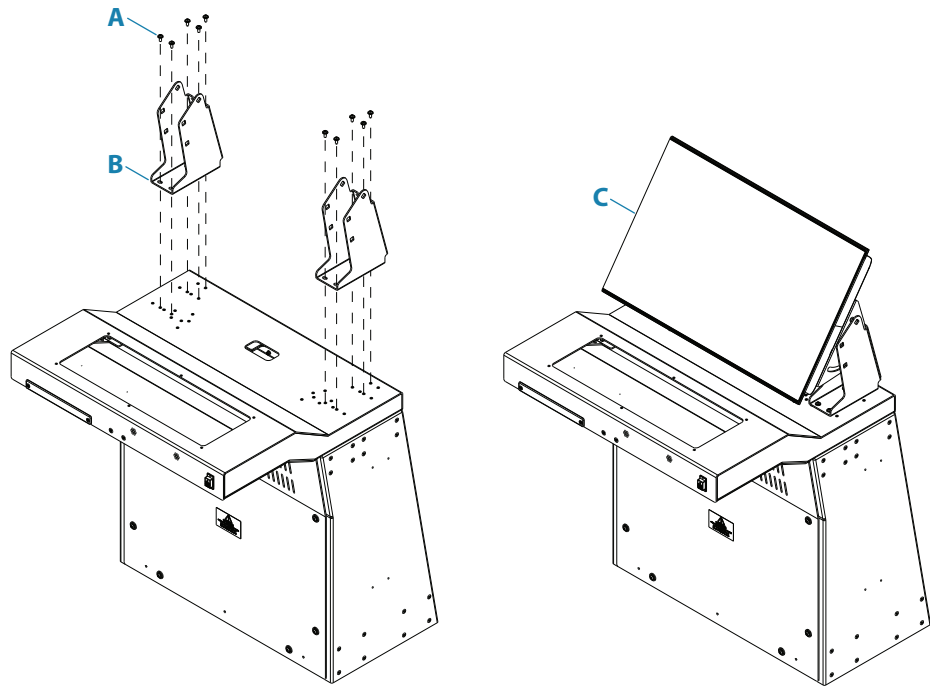
Parts included with the console		
	A	Screws (M5 x 12), 10x
Parts not included		
	B	M5000 bracket kit, 1x
	C	M5024 monitor

Mounting location - Simrad M5024 monitor

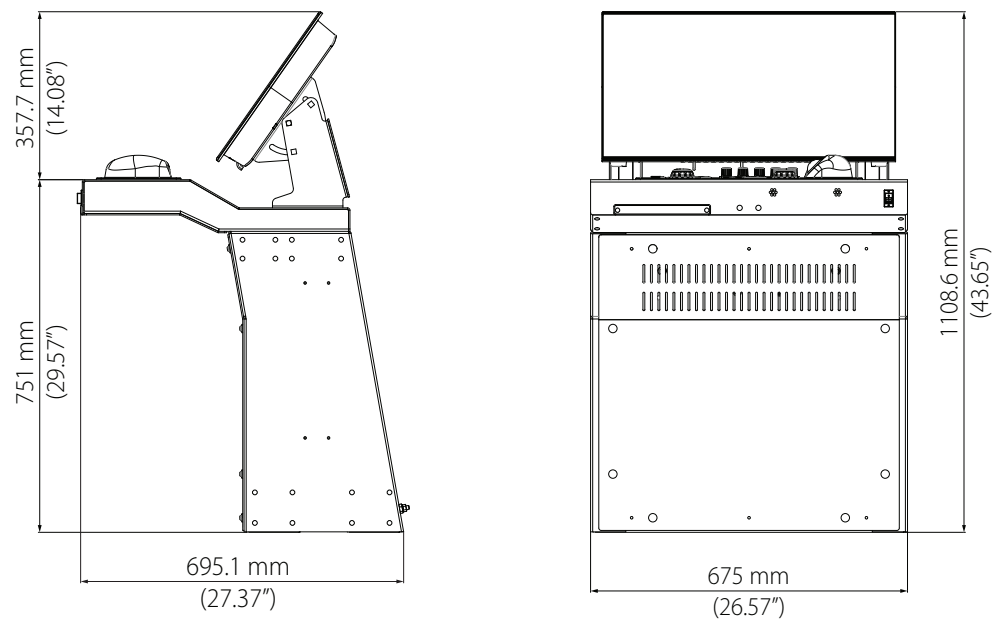


Installation - Simrad M5024 monitor

→ **Note:** Mounting screws supplied with the monitor brackets are not to be used. Refer to the documents supplied with the monitor for detailed instructions.

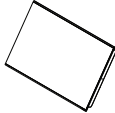


Dimensional drawings - Simrad M5024 monitor and console

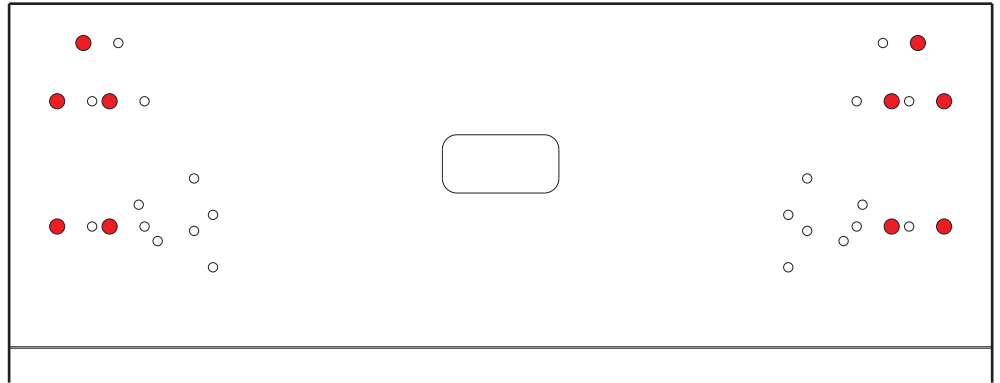


Simrad M5027 monitor

Parts – Simrad M5027 monitor

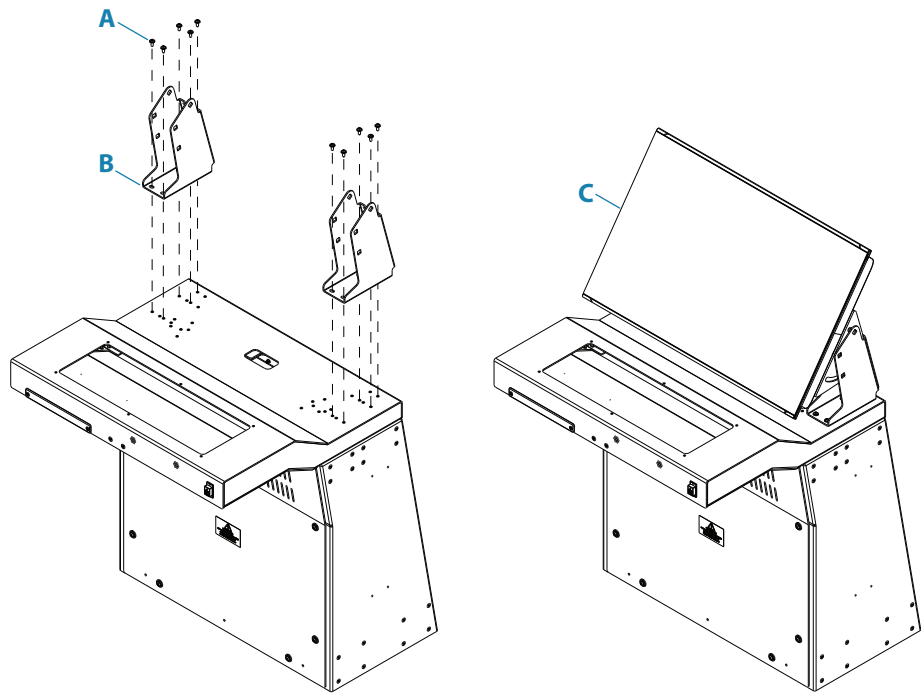
Parts included with the console		
	A	Screws (M5 x 12), 10x
Parts not included		
	B	M5000 bracket kit, 1x
	C	M5027 monitor

Mounting location - Simrad M5027 monitor

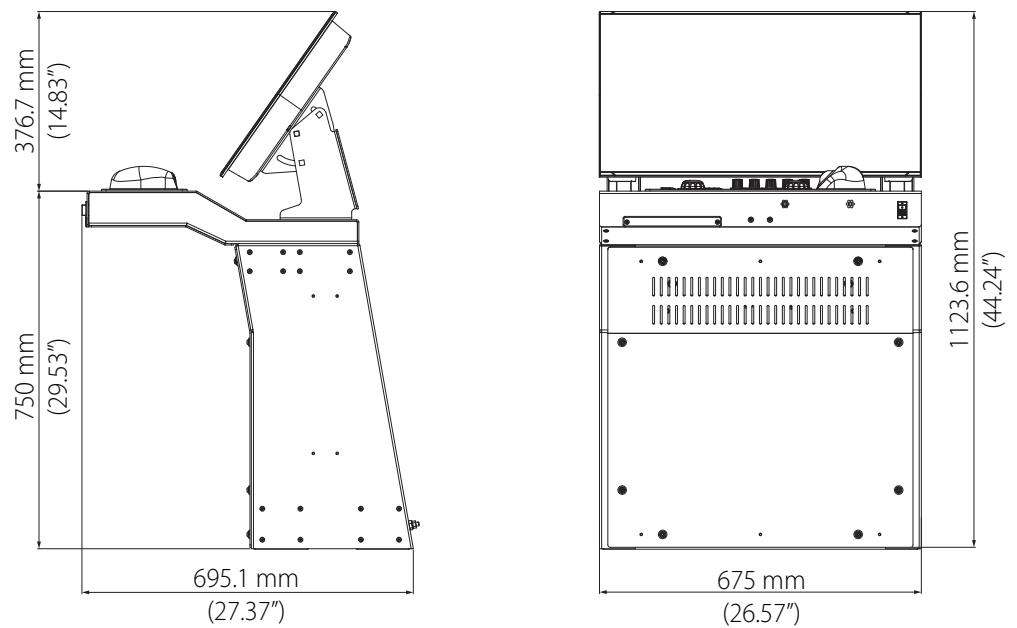


Installation - Simrad M5027 monitor

→ **Note:** Mounting screws supplied with the monitor brackets are not to be used. Refer to the documents supplied with the monitor for detailed instructions.



Dimensional drawings - Simrad M5027 monitor and console

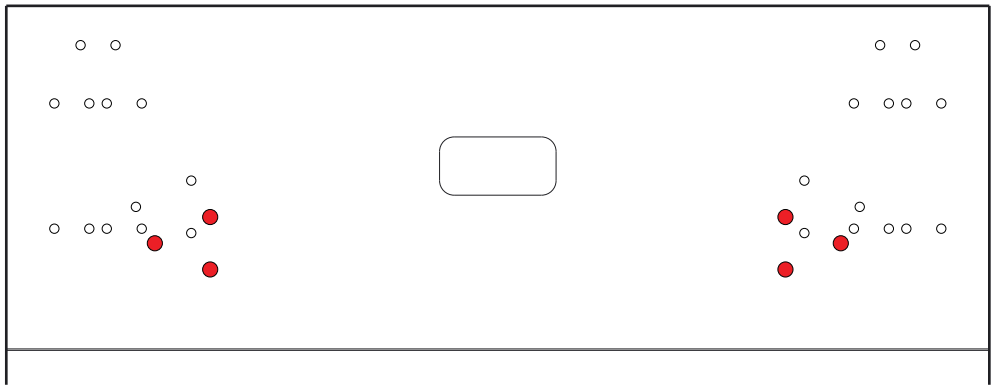


Hatteland series X 24" monitor / flat panel computer

Parts - Hatteland series X 24" monitor / flat panel computer

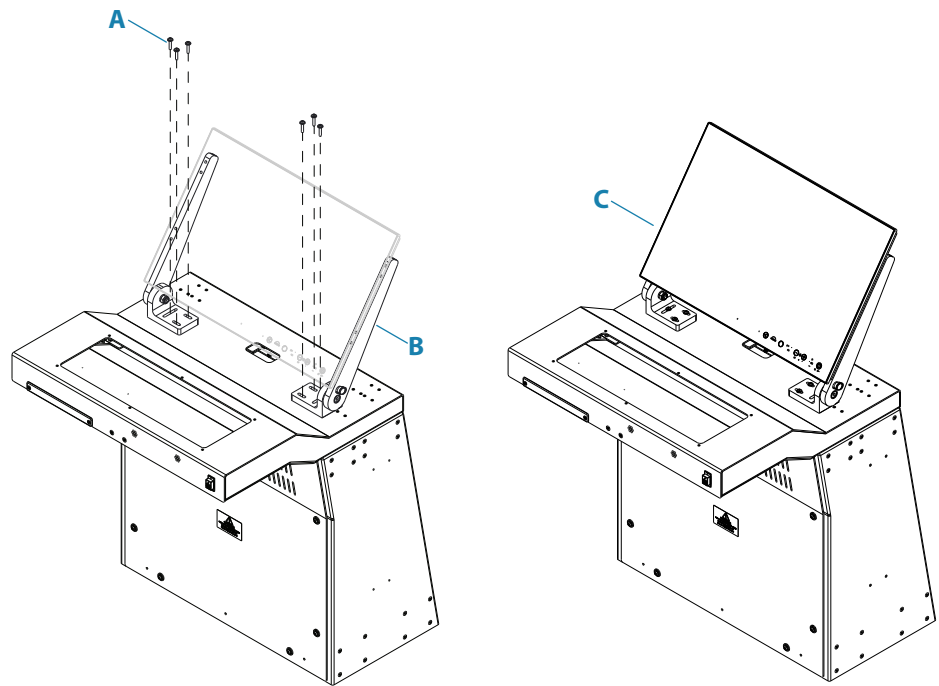
Parts included with the console		
	A	Screws (M5 x 25), 6x
Parts not included		
	B	Hatteland bracket kit, 1x
	C	Hatteland series X 24", 1x

Mounting location - Hatteland series X 24" monitor / flat panel computer

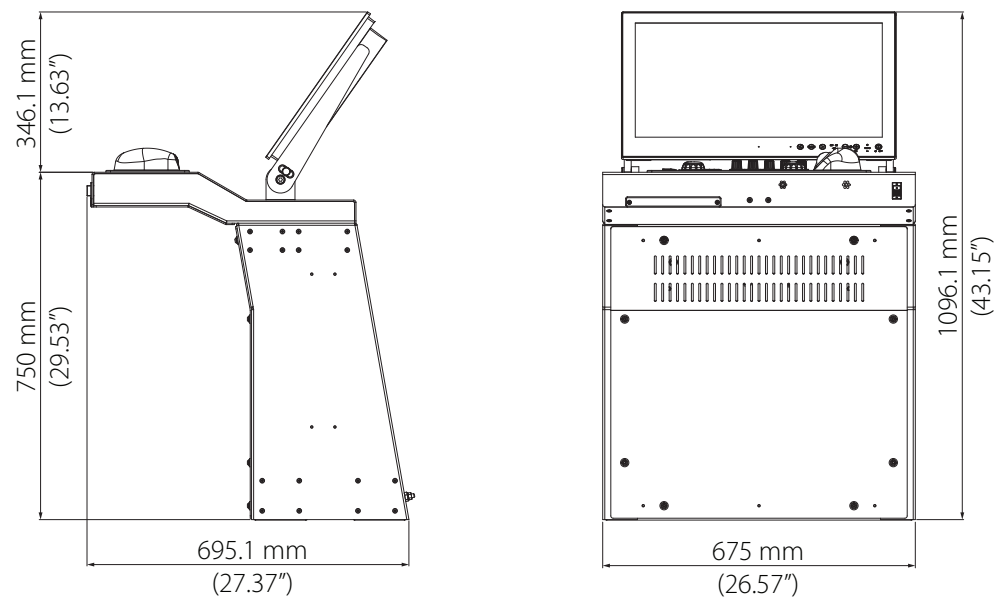


Installation - Hatteland series X 24" monitor / flat panel computer

→ **Note:** Mounting screws supplied with the monitor brackets are not to be used. Refer to the documents supplied with the monitor for detailed instructions.



Dimensional drawings - Hatteland series X 24" monitor / flat panel computer

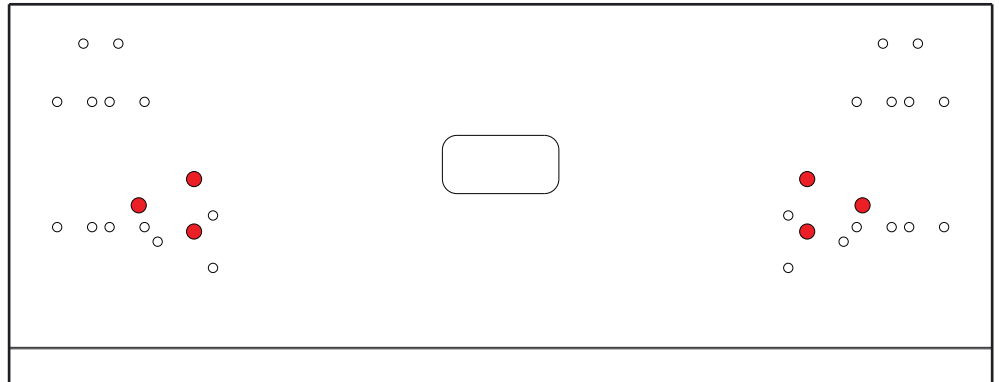


Hatteland series X 26" monitor

Parts - Hatteland series X 26" monitor

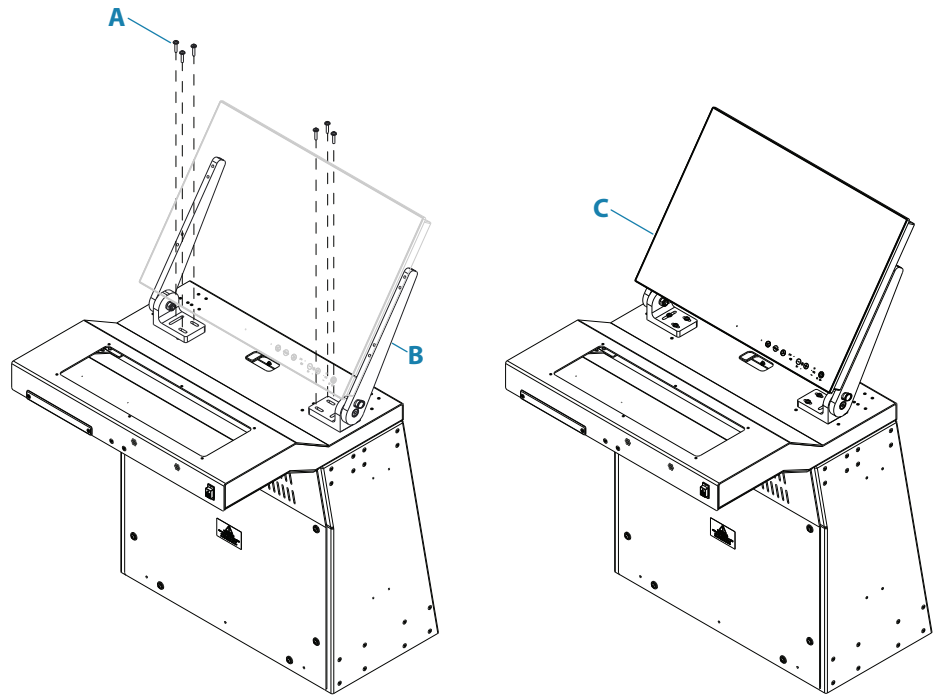
Parts included with the console		
	A	Screws (M5 x 25), 6x
Parts not included		
	B	Hatteland bracket kit, 1x
	C	Hatteland series X 26", 1x

Mounting location - Hatteland series X 26" monitor

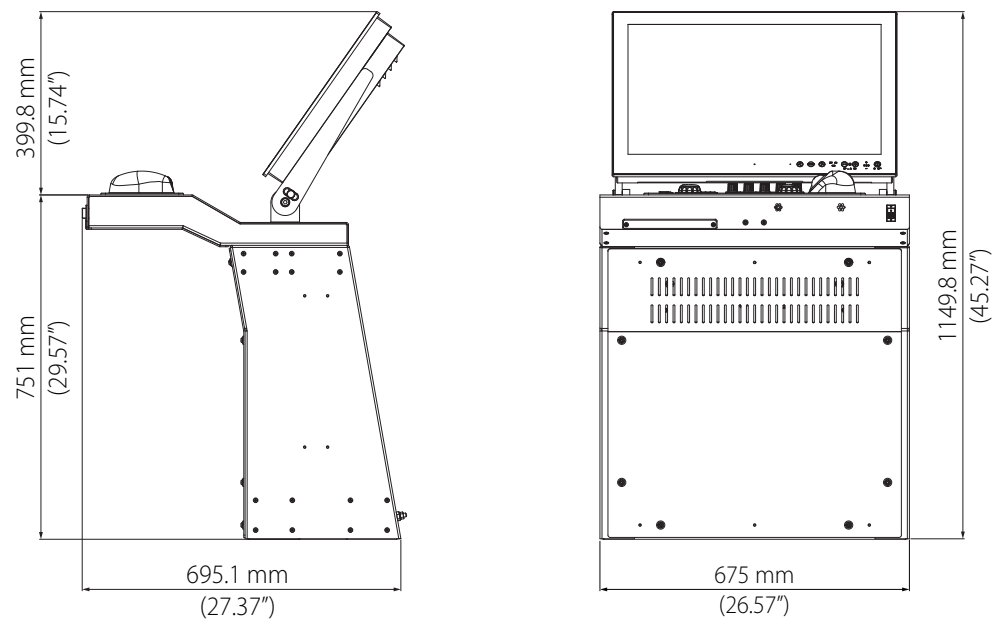


Installation - Hatteland series X 26" monitor

→ **Note:** Mounting screws supplied with the monitor brackets are not to be used. Refer to the documents supplied with the monitor for detailed instructions.



Dimensional drawings - Hatteland series X 26" monitor



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