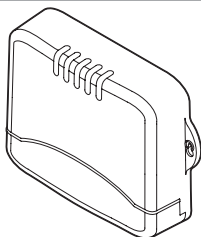# SeaTalk^{HS} Network Switch Installation Guide

Raymarine
www.raymarine.com
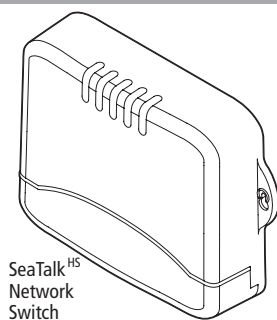
Welcome to the SeaTalk HS Network Switch

This guide shows how to install the Raymarine SeaTalk^{HS} Network Switch, which enables you to connect up to eight instruments together using SeaTalk^{HS}, an ethernet-based network, for data sharing.
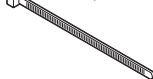
Intended Use

The intended application is for leisure marine boats and workboats not covered by IMO/SOLAS carriage requirements.
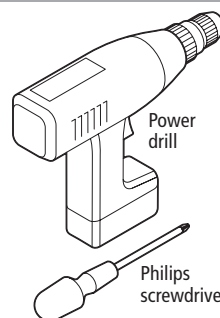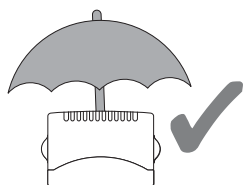
What's in the box?....

Tie-wraps x (10)

No8 x 3/4 inch pan-head self-tapping screw (x2)
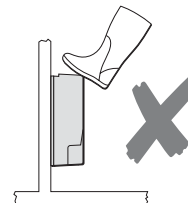
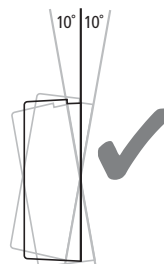SeaTalk^{HS} Network Switch

Tools Required

Power drill

3mm (1/8 in) Drill

Philips screwdriver

Where can I install the unit?

or

	°C	°F
MAX	55	130
MIN	-10	14
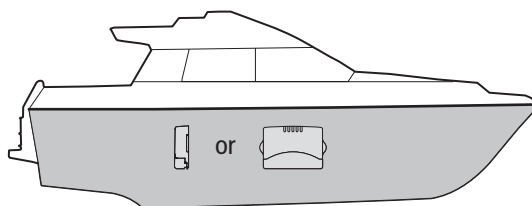
10° 10°
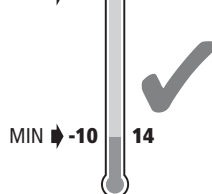
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⚠ Safety notices

WARNING: Navigation aid
Although this product has been designed to be accurate and reliable, many factors can affect its performance. As a result, it should only be used as an aid to navigation and should never replace common sense and navigational judgement. Always maintain a permanent watch so you can respond to situations as they develop.

WARNING: Product installation
This equipment must be installed and operated in accordance with the instructions contained in this guide. Failure to do so could result in poor product performance, personal injury and/or damage to your boat.

WARNING: Electrical safety
Make sure the power supply is switched off before you make any electrical connections.

Important Information

EMC conformance
All Raymarine equipment and accessories are designed to the best industry standards for use in the recreational marine environment. The design and manufacture of Raymarine equipment and accessories conforms to the appropriate Electromagnetic Compatibility (EMC) standards, but correct installation is required to ensure that performance is not compromised. For full details and installation guidelines refer to or web site at
**www.raymarine.com/support**.

CE conformity
This product is labeled with the CE conformity mark: $C \in$

Warranty
To register your new Raymarine product, please take a few minutes to fill out the warranty card.It is important that you complete the owner information and return the card to us to receive full warranty benefits.
Your product can also be registered via our web site **www.raymarine.com**

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Installing the unit

D7599_1
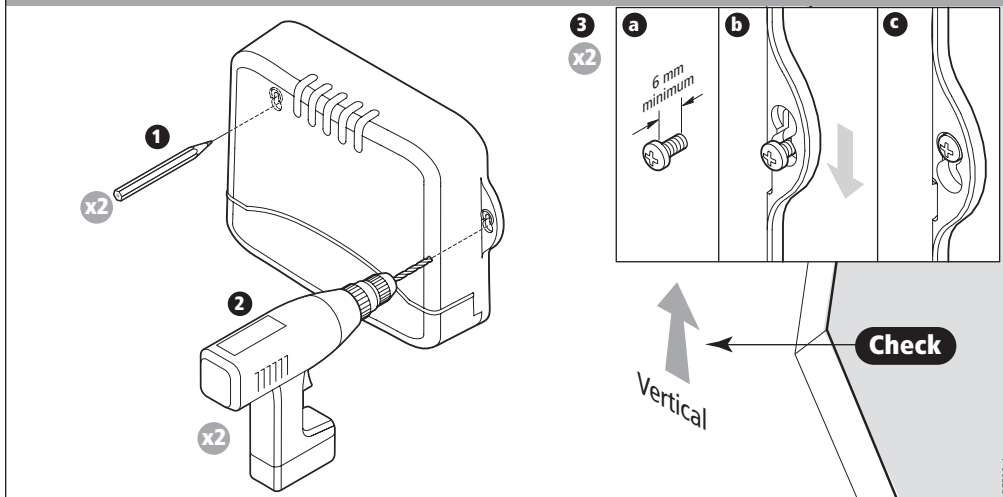
Connecting the unit

SeaTalk^{HS} cables
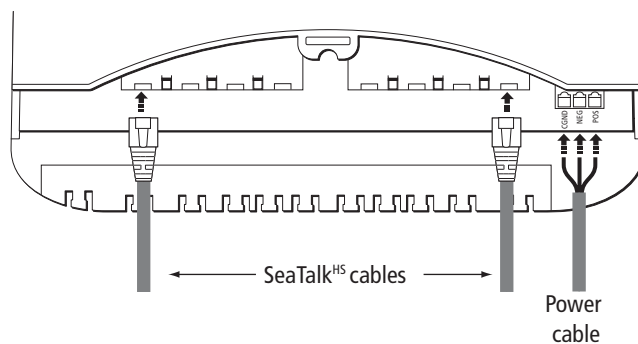
Power cable

SeaTalk^{HS} system cables can be fitted to any connector. Push-fit the connectors until they clip into position.

Your network switch can be operated at either 12 V or 24 V DC. If you do not have a dedicated fused breaker in the power circuit, an in-line 1A quick blow fuse should be fitted to the positive (red) lead of the power cable.

Use a flat-blade scrwdriver to open the connector. Insert the cable, and remove the screwdriver, this will make the connection.
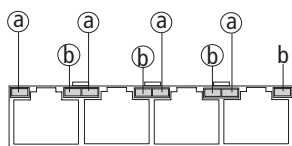
CGND
NEG
POS
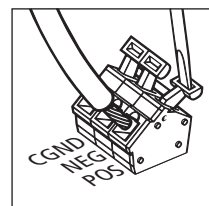
Use a cable-tie to secure cables in position
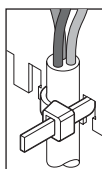
LED diagnostics

Each of the switch sockets has 2 green LED's.

These indicate the status of the connection to the network switch as follows:

ⓐ - low speed connection

ⓑ - high speed connection

ⓐ - flashing, ⓑ - no light - low speed data transfer

ⓐ - flashing, ⓑ - steady - high speed data transfer

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Maintenance and disposal....

Maintenance

This product does not contain any user serviceable parts. Maintenance is limited to the following checks:

- Make sure all cables and connectors are firmly attached.
- Examine all cables for signs of wear or damage.
- Replace any damaged or worn cables.

Waste Electrical and Electronic Equipment Directive

The Waste Electrical and Electronic Equipment (WEEE) Directive requires the recycling of waste electrical and electronic equipment. Whilst the WEEE Directive does not apply to some of Raymarine's products, we support its policy and ask you to be aware of how to dispose of this product. The crossed out wheelie bin symbol, illustrated above, and found on our products signifies that this product should not be disposed of in general waste or landfill. Please contact your local dealer, national distributor or Raymarine Technical Services for information on product disposal.

To get Technical Support....

www.raymarine.com

United States

Raymarine Technical Services
1-800-539-5539 extension 2333, or
(603)-881-5200

Raymarine Technical Support
1-800-539-5539 extension 2444, or
(603) -881-5200

Product Repair and Service
Raymarine Product Repair Center
21 Manchester Street,
Merrimack, NH03654 - 4801
1-800-539-5539

Opening hours:
Monday through Friday 0815 - 1700 Eastern Standard or Eastern Daylight Savings Time.

Europe

**Technical Support
Services
Accessories**

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PO3 5TD
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Tel:
+44(0)23 9271 4713

Fax:
+44(0)23 9266 1228

Help us to help you

When requesting service, please quote the following product information:
Equipment type ● Model number ● Serial number

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