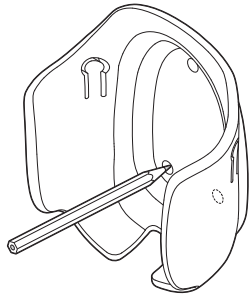


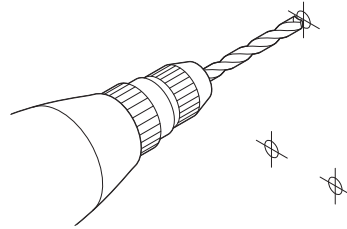
## Fitting remote

### Cradle at fixed position

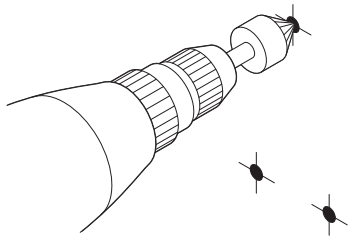
1. Mark holes for the fixing screws.



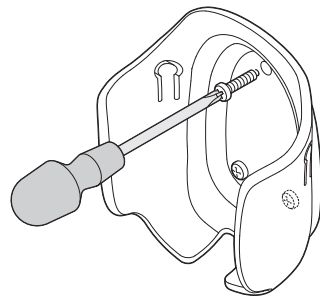
2. Drill three 1/8 inch (3.4 mm) pilot holes for the fixing screws



3. Countersink the pilot holes to prevent damage to the mounting surface.



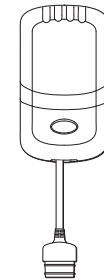
4. Use the three No. 8 screws to secure the cradle to the mounting surface



## Base Station & Wireless Controller Installation guide

### Parts supplied

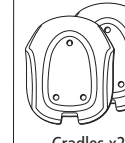
#### Base Station



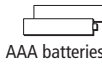
No. 6 size  
No. 8 size  
Self-tapping screws



#### S100 Remote OR

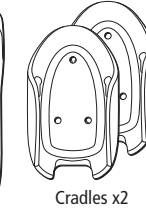


Cradles x2

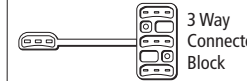


AAA batteries x2

#### Smart Controller



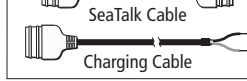
Cradles x2



3 Way  
Connector  
Block



Ferrite



SeaTalk Cable

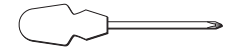


Charging Cable

### Tools Required



Power Drill

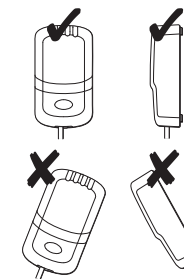


Pozidriv screwdriver

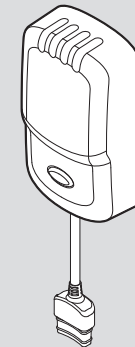
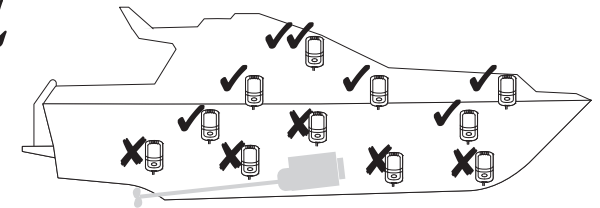
1/8 inch (3.4 mm) drill

7/64 inch (2.7 mm) drill

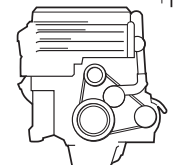
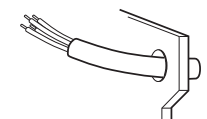
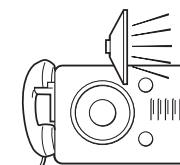
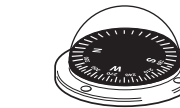
### Locating Base Station



Fit as high up as possible, **in a dry location**



Min 3ft 3in (1m)



# Raymarine®

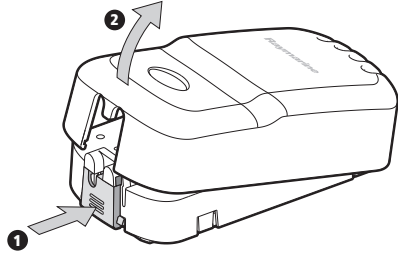
Document: 87042-6

Date: 08-2020

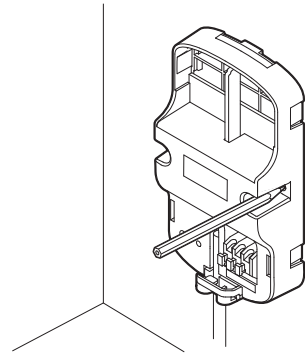
[www.raymarine.com](http://www.raymarine.com)

## Fitting Base Station

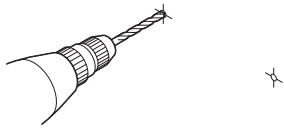
1. Remove cover



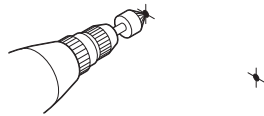
2. Mark holes for the fixing screws.



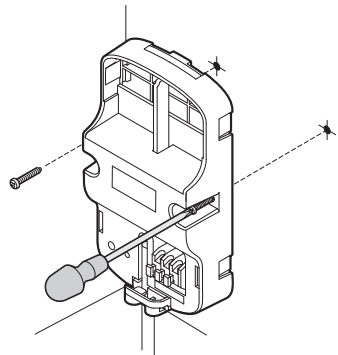
3. Drill two  $\frac{7}{64}$  inch (2.7 mm) pilot holes for the fixing screws



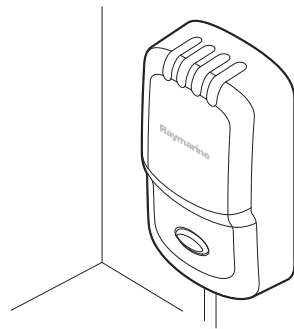
4. Countersink the pilot holes to prevent damage to the mounting surface



5. Use the two No. 6 screws to secure the Base Station to the mounting surface



6. Replace cover



## Connecting Base Station to SeaTalkng system

**Important:** Before connecting the Base Station, ensure that the 12 V supply on the SeaTalkng system is protected by 5 A fuse.

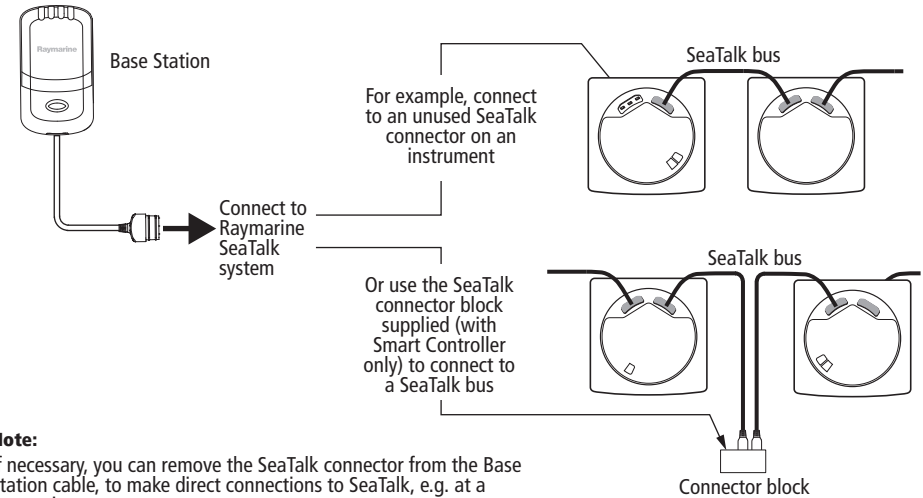
Provided you do not want to connect to NMEA2000, you can connect the S100 or Smart Controller to a SeaTalkng system using a suitable SeaTalkng bridging product (such as SeaTalk to STng converter, or ST70 Instrument), and a suitable SeaTalk(1) to SeaTalkng adaptor cable. If you intend doing this, please note:

- 1) If connecting via SeaTalk to STng converter, the converter must ONLY be powered by the SeaTalkng bus.
- 2) You can connect a **single** SeaTalk(1) network to SeaTalkng in the way described above;
- 3) You can connect **two** SeaTalk(1) networks to SeaTalkng in the way described above, but **the two SeaTalk(1) networks must NOT be connected together**. For more detail, refer to SeaTalkng Networking Guide (81300).

## Connecting Base Station to SeaTalk system

**Important:**

Before connecting the Base Station, ensure that the 12 V supply on the associated SeaTalk system is protected by a 5 A fuse.



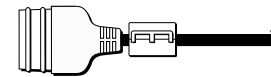
**Note:**

If necessary, you can remove the SeaTalk connector from the Base Station cable, to make direct connections to SeaTalk, e.g. at a Raymarine course computer.

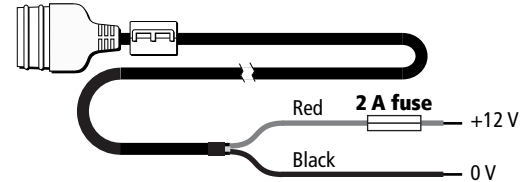
**SeaTalk color coding:** Yellow: SeaTalk data; Red: +12 V; Screen: 0 V

## Connecting Smart Controller charging cable

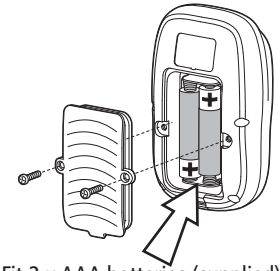
Clip ferrite onto cable, near to connector



Connect cable via 2 A fuse to 12 V supply



## Fitting batteries to S100 Remote



Fit 2 x AAA batteries (supplied).  
When replacing, use only high-quality alkaline, AAA size batteries.

## Testing wireless range

**Individual installation environments have a significant impact on wireless range; each vessel is different. Move around your vessel while observing the wireless signal strength gauge. This provides an indication of the wireless range you can expect to experience when using the remote at various locations around your vessel. If you have any issues or questions about this, please contact Product Support.**