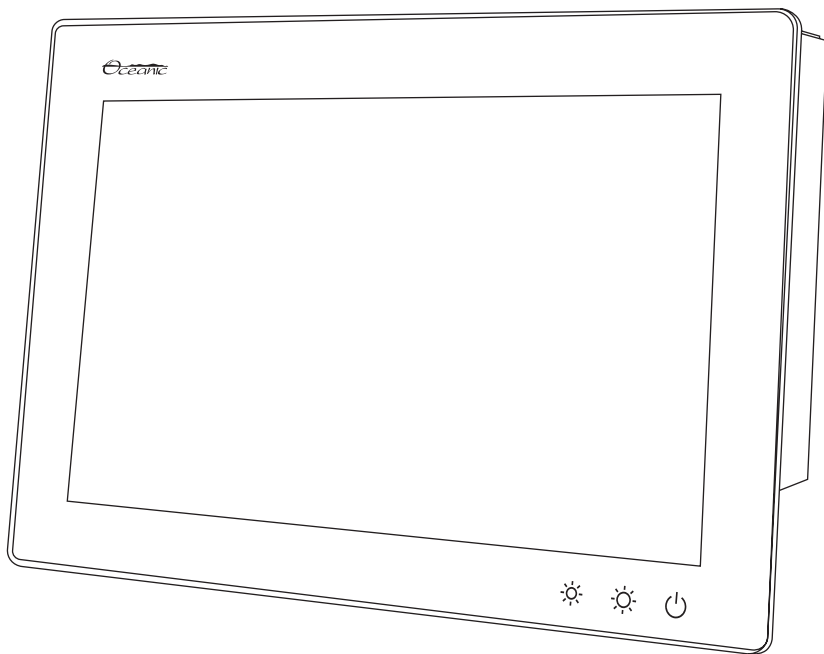


OCEANIC SYSTEMS 10.1" PRIMARY DISPLAY  
Part Numbers: 5010  
USER MANUAL



Revision 1.00

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# 1

## INTRODUCTION

The Oceanic Systems' 5010 NMEA2000® Primary Display is a 10.1", high bright, sunlight readable 1000cd/m2 display.

The 10.1" Primary Display is designed for the Poseidon® System and contains a button panel to control the brightness of the backlight to the display.

### 1.1 PRODUCT FEATURES

The Oceanic Systems' NMEA2000® Primary Display has the following features:

- Sunlight readable dimmable display using our BlackGlass™ technology
- 1280 x 800 WXGA resolution
- Touchscreen using capacitive touch
- Button panel providing: Power On/Off, Brightness Up and Brightness Down
- HDMI connections
- Toughened glass
- IP rating of IP67 for front and IP20 for rear of the display

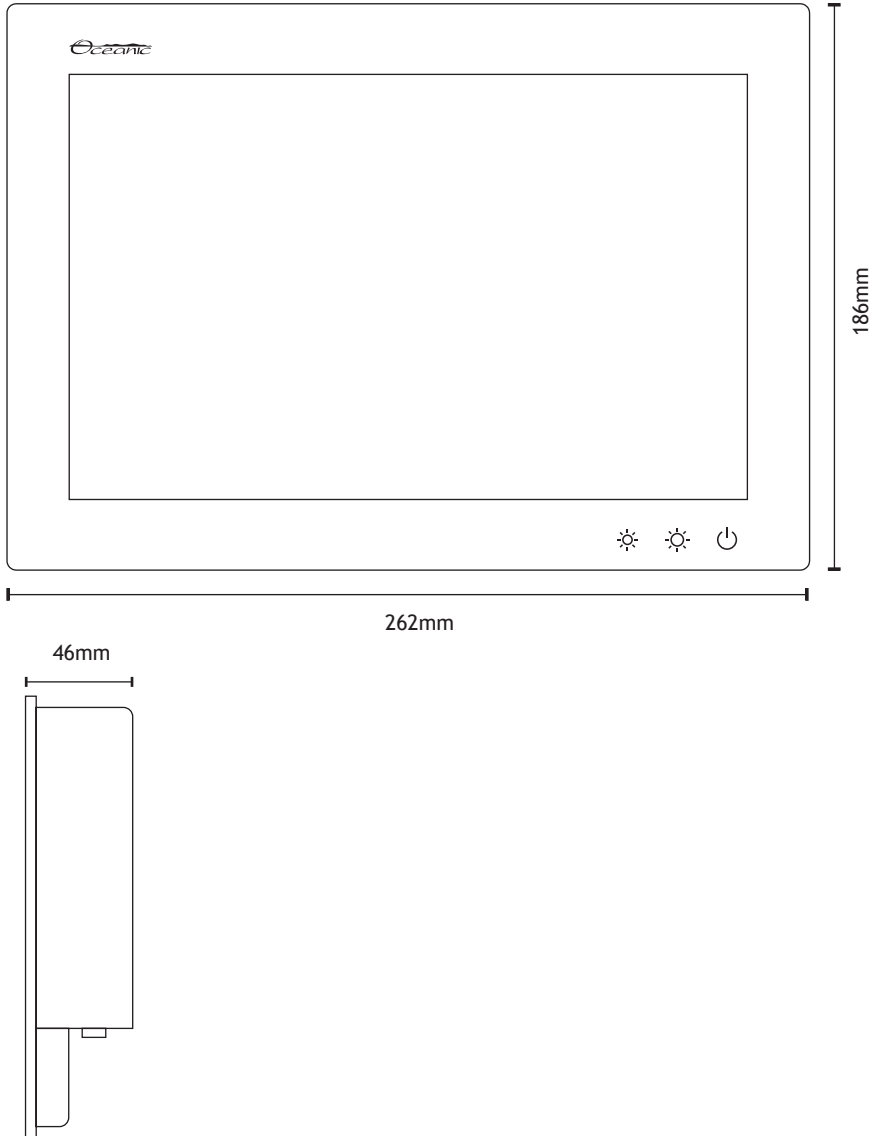
## 2

## UNIT DIMENSIONS

Outside/overall dimensions 262mm x 186mm x 46mm

Inside/active area dimensions 230mm x 155mm

Diagonal 10.1"



# 3

## INSTALLATION

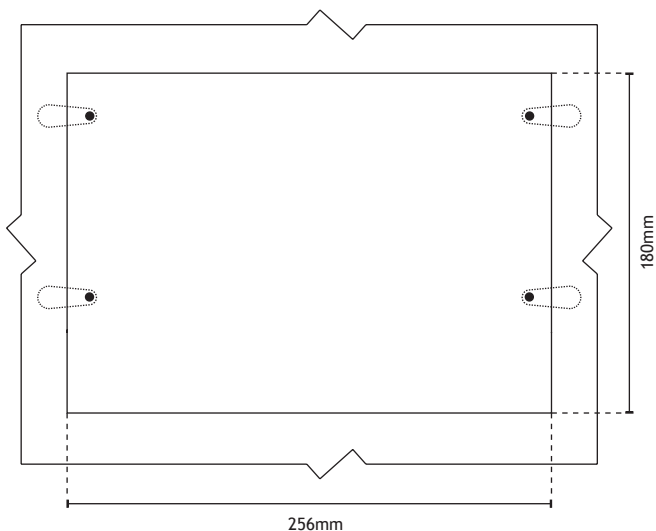
### 3.1 UNPACKING THE BOX

You will find the following items in the shipping box:

- 1x 10.1" Primary Display
- 1x 5m HDMI cable
- 1x 5m USB cable
- 1x 2m DC Power cable
- 1x Mounting kit (x4 screws and x4 mounting clamps)
- 1x User Manual (this document)

### 3.2 MOUNTING THE UNIT

1. The unit should be mounted through a panel to a flat surface min 8mm, max 25mm.
2. It can be mounted 45 degrees either way of vertical.
3. Ensure adequate ventilation behind the product to prevent heat build up with a minimum of 50mm clearance.
4. Remember to allow enough clearance for access to cables and connectors. Cables should be retained to prevent damage to connectors.
5. The unit should be sealed to the mounting surface using a suitable silicone sealant. This Silicone sealant will be part of the seal used to provide the IP rating for the front of the product.
6. Using the 4 mounting clamps to the rear of display secure the unit to the mounting surface by tightening the screws.



The button panel on the screen provides the following



DIM



BRIGHT



STANDBY

#### **DIM**

Each press will decrease the brightness level. Holding the button will continue to decrease the brightness until the minimum level is reached.

#### **BRIGHT**

Each press will increase the brightness level. Holding the button will continue to increase the brightness until the maximum level is reached.

#### **STANDBY**

Switches the screen on or off.

If you require technical support for any Oceanic Systems products you can reach us using any of the following:-

- Tel (UK): +44(0)1425 610022
- Tel (USA): +44(0)1425 610022
- Fax: +44(0)1425 614794
- Email: [support@osukl.com](mailto:support@osukl.com)
- Web: [www.osukl.com](http://www.osukl.com)
- Post: Oceanic Systems Ltd  
Unit 10-11 Milton Business Centre  
Wick Drive, New Milton, Hampshire BH25 6RH

Oceanic Systems (UK) Ltd  
Unit 10-11 Milton Business Centre, Wick Drive,  
New Milton, Hampshire, BH25 6RH, United Kingdom

Tel (UK): +44(0)1425 610022      Tel (USA): (844)898 6462  
Fax: +44(0)1425 614794      Email: [sales@osukl.com](mailto:sales@osukl.com)  
Web: [www.osukl.com](http://www.osukl.com)

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### WARRANTY RETURN PROCEDURE

To apply for warranty claims, contact Oceanic Systems or one of its dealers to describe the problem and determine the appropriate course of action. If a return is necessary, place the product in its original packaging together with proof of purchase and send to an Authorized Oceanic Systems Service Location. You are responsible for all shipping and insurance charges. Oceanic Systems will return the replaced or repaired product with all shipping and handling prepaid except for requests requiring expedited shipping (i.e. overnight shipments). Failure to follow this warranty return procedure could result in the product's warranty becoming null and void.

Oceanic Systems reserves the right to modify or replace, at its sole discretion, without prior notification, the warranty listed above.