

## PCN - Product Change Notification

HDD LED, Reset Button Aperture & IP66 - MMC Panel Computers.



From January 2007 to September 2008 Hatteland Display has manufactured the HATTELAND® Maritime Multi Computer (MMC) Series 1 products with small differences and deviations from the specifications written in the user manual and datasheet. We therefore wish with the following document to clear up these issues and implement the following changes into our production.

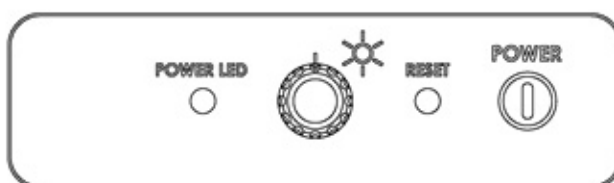
The area of deviations is marked with red on the illustration to the right.



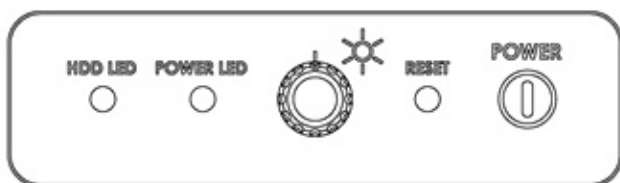
### ISSUE #1 - Removal of HDD LED

Since May 2008 and up to September 2008, **JH 10T08 MMC-xx**, **JH 15T05 MMC-xx**, **JH 19T02 MMC-xx** and **JH 23T02 MMC-xx** products have been manufactured without an indication of Harddisk (HDD) Activity Light Emitting Diode (LED) on the user control label.

Selected products manufactured before May 2008 have been delivered with an indication of Harddisk (HDD) Activity Light Emitting Diode (LED) on the user control label.



Label without HDD LED



Label with HDD LED

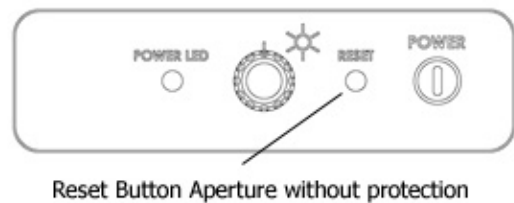
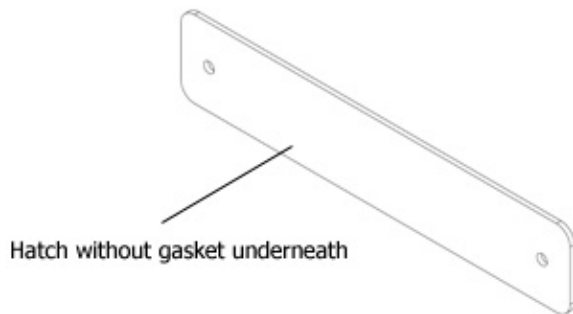
Please note: This is not an initial manufacturing/design error. It was re-designed to meet the end user

feedback concerning visual irritation caused by the blinking HDD light indicator.

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### **ISSUE #2 - MMC range not IP66 rated**

Since March 2007 until June 2008 Hatteland Display has accidentally indicated in the specifications that the MMC product range was IP66 rated in front. This is not possible, due to the fact that the Reset Button Aperture and the metal hatch for the USB port is not protected against water drops and moist. See illustration below.



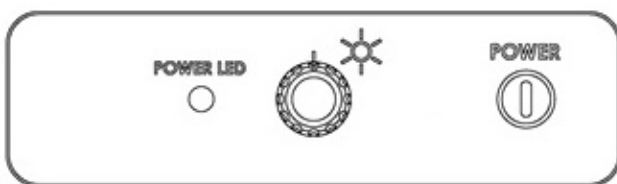
Please note: This is not an initial manufacturing/design error, but rather a aftermath issue that occurred when the market demanded a IP66 compliant solution from Hatteland Display.

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### **MANUFACTURING SOLUTION:**

Hatteland Display hereby state that it will manufacture all MMC products with the following criterias as standard and to meet the IP66 demand:

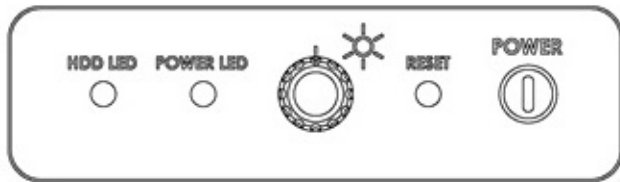
- No HDD Activity Light Emitting Diode (LED) visible on the user control label or its aperture visible.
- No Reset Button visible aperture on the user control label.
- Gasket mounted on the backside of the metal hatch covering the Front USB port.
- Products will be IP66 tested by Det Norske Veritas (DNV) during 2008 and specifications updated when testing has completed.
- All corresponding Typenumbers and Type Approvals will remain unchanged and valid.
- New User Control Label will look like the illustration below:



- **These changes will be effective as per this dated document. Please see updated datasheets, technical drawings and user manual linked in this document.**
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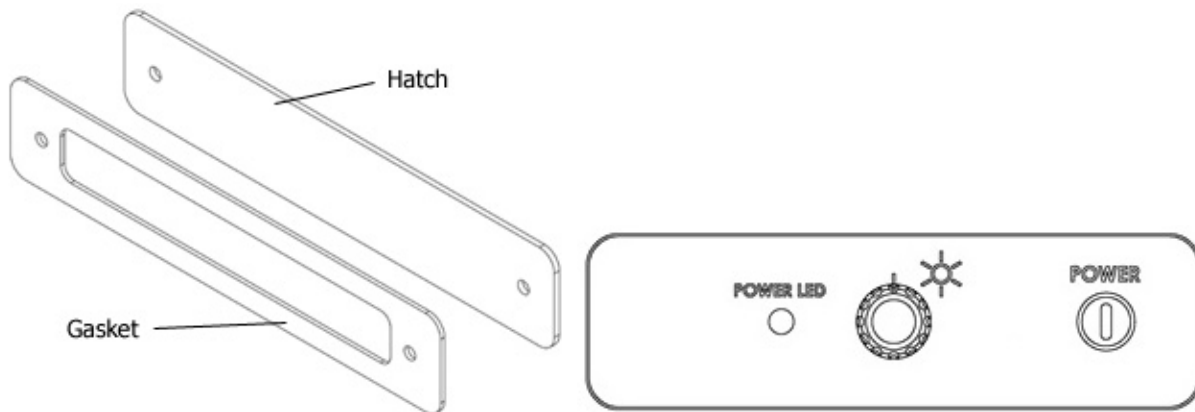
### **CUSTOMER SOLUTION #1 - Label with HDD LED:**

Hatteland Display can provide HDD LED functionality for customers that require it. Please forward the following type number: **P005335-1** when ordering. The label will look like the illustration below:



### **CUSTOMER SOLUTION #2 - IP66 MMC Retrofit KIT:**

Hatteland Display can also provide an retrofit kit that can be applied to your existing MMC models. By applying this kit, the product will become fully IP66 rated in front. Please use the following type number: **JH KIT MMC-IP66** when ordering. User Control label without HDD LED and Reset Button Aperture is also included.



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Read and Understood by:

\_\_\_\_\_  
(Your name and Company)

For further enquires, please contact our [sales offices or head offices](#).  
For updated datasheets, technical drawings, user manual and pictures - please visit [our website](#).

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