

# What firmware changes have taken place on the Maretron DCM100 DC Monitor?

Article Number: 403 | Rating: Unrated | Last Updated: Fri, Mar 12, 2021 3:49 PM

What firmware changes have taken place on the Maretron DCM100 DC Monitor?

Update your device today using the [N2KAnalyzer](#) software tool.

## **DCM100 Firmware Revisions**

### **1.0.5.2 (2015-03-06)**

- Changed the default value of Time Remaining Floor from 0% to 50% for Lead-Acid batteries, and from 0% to 5% for NiCad and NiMH batteries
- Changed supported NMEA 2000 database version to 2.000
- Corrected a problem where the time remaining was transmitted incorrectly when the calculated time remaining was zero
- Corrected a problem where the time remaining could be transmitted incorrectly under very specific timing conditions
- Corrected a problem where battery state of charge could be under calculated during extremely high current drain (could go to zero sooner than expected)

### **1.0.4 (2009-02-23)**

- Improved support for labeling of the device and its channels to store more pertinent information
- Made the rate of transmission of periodically transmitted messages programmable. This allows you to speed up or slow down the transmission of messages from the device to meet system needs

### **1.0.3 (2008-12-11)**

- Added support for labeling of the device and its channels with N2KAnalyzer or DSM250. This enables the user to associate a unique text label with the DCM100 to more easily identify it on the network
- Added support for battery banks with capacity in excess of 800 AH
- Corrected an issue where current or voltage displayed values could be out of range under certain conditions

### **1.0.2 (2008-05-15)**

- Corrected a problem where state of charge in PGN 127506 could read > 100% in certain cases

### **1.0.1 (2008-04-24)**

- Initial public release

Posted - Wed, Jan 18, 2012 12:22 PM. This article has been viewed 3355 times.

Online URL: <https://www.maretron.com/support/knowledgebase/phpkbv7/article.php?id=403>