



KONGSBERG

Kongsberg Discovery AS, Seatex

Memo

Product: MGC and MRU 5th Generation

Version: MRC+ software version 5.08.03

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Release Note

MRC+ version 5.08.03 is an upgrade of previous software with following changes from earlier version:

Changed functionality.

- *Time synchronization menu extended.* “None” is added as a selection in time synchronization protocols menu. Only external PPS pulse will be used as clock synchronization if none is selected.

Corrected errors:

- *miniMRU 45 identified.* The miniMRU 45 can be connected to MRC+ and identified correctly.
- *Make new folder in Data Presentation tab.* It is now possible to make a new folder for logging of data to file in the Data Presentation tab.
- *Baud rate on COM6 to 8 limited to 4800 baud on MGC JB7.* This limitation has now been removed.
- *MRU.sys parse failed “Empty file” message.* When connecting the MRC+ to an MRU/MGC this message may appear. Improvements have been made to make the connection more robust.

Limitations:

This MRC+ software has following limitations:

- It works only together with MRU software version 5.06.XX.

The MRC+ installation software supports Windows 10 or later.

Installation

Follow the procedure below to install the MRC+ software on the local PC (standard Windows procedure):

- 1 Insert the MRU memory stick with the MRC+ software in the USB port on the local PC. If the new MRC+ version is received by Email, open the attachment *MRC+Installer-583.zip* and click on the file "MRC+Installer.exe" and jump to the procedure point 3) below.
- 2 Start up the Explorer program if not already done. Then enter the FlashDisk drive into which the MRU memory stick is connected. In the MRC+ folder open the file "MRC+setup.exe".
- 3 Follow the instructions on the screen in order to complete the installation of the MRC+ program.
- 4 When the installation of files is finished, the window shown in Figure 1 appears. Choose **Run MRC+ now** is recommended. Click **Finish** and the setup is completed.
- 5 Terminate the Explorer program and remove the MRU USB memory stick from the local PC.

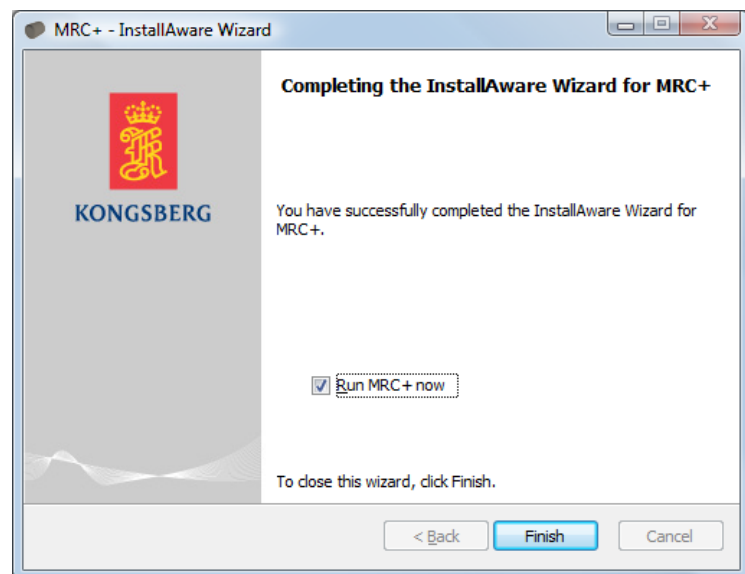


Figure 1 Installation complete

Note: The attached *MRC+Installer-583.zip* file do not include .NET runtime version. MRC+ require that this is installed. The .NET runtime can be downloaded from Microsoft web page. Proceed as follows to download the .NET runtime version:

- 1) Go to www.microsoft.com
- 2) In their search field (top of page) write: **Microsoft .NET Framework 4 Service pack 1 (Full Package)**
- 3) Click on the first search hit
- 4) Download the file **dotnetfx4.exe**