

K-MD7-RFB Release Notes

K-MD7_FWR-RFB-0204; Released: 07/09/2023

Included software

- Bootloader: K-MD7_BTL-RFB-0203
- Application: K-MD7_APP-RFB-0204
- Control Panel: K-MD7_CTP-RFB-0204

!! Attention !!

When downgrading the application from 0204 to a lower version the calibration values will be lost and the device isn't operational anymore.

Bootloader

Changed

- Faster start-up of bootloader. Application CRC check will only be done after a firmware update.
- Bootloader answers only if it stays in bootloader.

Application

Changed

- The calibration values reside no longer in emulated eeprom and will be ported automatically to a separated flash page instead.

Fixed

- The emulated eeprom has erased the invalid page every start-up. This makes no sense and was changed.
- After the JBTL command the response was sent before the command was processed. Now the response will only be sent after command was processed.
- After start-up sometimes a RESP packet with framing/noise error was sent. Now the UART errors will be cleared at start-up.
- RDOT/GNFD parameter was 16Bit instead of 8Bit.

Control Panel

Fixed

- RDOT/GNFD parameter was 16Bit instead of 8Bit.

K-MD7_FWR-RFB-0203; Released: 23/05/2023

Included software

- Bootloader: K-MD7_BTL-RFB-0202
- Application: K-MD7_APP-RFB-0203
- Control Panel: K-MD7_CTP-RFB-0203

Bootloader

- Nothing changed

Application

Changed

- Parameter values are written to flash only in case they are different than stored one.

Fixed

- Radar application has stopped and restarted, when 32 or more peaks over threshold on the left side of the fft has occurred.
- Sometimes, ADC channels were interchanged and or copied to other ADC channels after changing parameter values.

Control Panel

Changed

- Values written into numeric up down boxes are sent to radar when enter key is pressed for the UI element which has focus.

K-MD7_FWR-RFB-0202; Released: 02/03/2023

Included software

- Bootloader: K-MD7_BTL-RFB-0202
- Application: K-MD7_APP-RFB-0202
- Control Panel: K-MD7_CTP-RFB-0202

Bootloader

- Initial

Application

- Initial

Control Panel

- Initial