

# K-MD7-RFB Release Notes

## K-MD7\_FWR-RFB-0205; Released: 26/03/2025

### Included software

- Bootloader: K-MD7\_BTL-RFB-0205
- Application: K-MD7\_APP-RFB-0205
- Control Panel: K-MD7\_CTP-RFB-0205

### Bootloader

#### Fixed

- Bootloader now detects corrupt applications
- Bootloader can now only write in APP Flash Region
- Fixed a bug where a power cut while writing appinfo would corrupt the device

### Application

#### Fixed

- Processing of the RPST command now considers the correct version string, e.g. 'K-MD7\_APP-RFB-0205'
- Fixed a bug where a power cut while writing a parameter would corrupt the device

### Control Panel

#### Fixed

- Video Frame has now reads aspect ratio from camera
- Selecting the same Frames would lead to a crash in fullscreen mode

## 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