

Guide to updating the MSK 125 Software

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1. Pre-requisites for the Software Update

In order to carry out a software update one also needs the free-software FLIP.

If this is not installed, one will be unable to create a connection to the signal meter.

This software can be downloaded from the link below free of charge:

http://atmel.com/dyn/products/tools_card.asp?tool_id=3886

Please note that Kathrein-Werke KG cannot accept any warranty for the link or any information or software offered on it.

A serial COM (RS 232) cable is required to create the physical connection (ESC order no.: 19700466).

This cable can be ordered from our central service company ESC GmbH.

ESC GmbH

Bahnhofstraße 108

83224 Grassau

Germany

Tel.:+ 49 08641/9545-0

Internet: <http://www.esc-kathrein.de>

Email: service@esc-kathrein.de

2. Preparations

After installing the software programme FLIP, one must open this to be able to select the MSK 125 processor.

To do this:

- First open in the directory „Device“ and then open „Select“
- Now select the processor: AT89C51RE2
- Confirm this using the „OK“ key.
- Now one can close the programme again.

Carry out the following on the PC and on the MSK 125 to make the update:

- One must unpack the downloaded software in one common file.
- The power supply must be connected to the signal meter during the update process.

This setting stays saved in the programme FLIP and need not be carried out when updating again.

3. Carrying out the Software Update

- Switch the MSK 125 off
- Then connect the PC to the signal meter using the serial COM (RS232) cable
- Now press down and hold down the Service-key next to the serial interface
- Now switch the signal meter on again
- Only release the Service key after the Kathrein logo disappears on the display
- Now open on the PC the file „SER_ISP.bat“
- Now select on the PC the COM interface (1 – 4) to be used
- The software update will now start
- When the update is finished the MSK 125 will be switched off again

Important:

Should during the update process instead of the report „**PASS**“, the report „**FAILED**“ be displayed, then the update will be stopped. In such a case then please note the suggestions listed under Problem solutions in Section 4, and repeat the update again.

4. Problem Solutions

- If you use a USB-COM adapter to transfer the software verwenden, then your PC may dictate that this is a COM 5 or higher interface.

In this case one must change the COM port in the PC's system manager.

This can be carried out in the characteristics of the USB-COM interface under „Connection settings“ => „Extended.

The Update programme supports only COM 1 – 4.

- If the Update programme displays during the transfer process „Fail“ then the process must be re-started.
- In order to ensure that no communications problems occur, one should switch off the Windows Firewall, and any Anti-Virus programmes or like programmes before the software is transferred.
- Further no other programmes should be open during the data transfer process.