

# NBB USB-Seriell Adapter

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The NBB programmes communicate with the microcontroller via the serial interface. As most modern computers no longer have this interface, a converter is required. The NBB USB-Serial Adapter is used for this purpose. This makes it possible to simulate a serial connection to the microcontroller and to programme it.

This programming adapter is used with most of the MSP430 microcontrollers used at NBB.

Suitable additional adapter: OCDS adapter from Keil to NBB (2.100.1376), Compact-M2 R7 adapter, Compact M universal programming adapter (2.250.7506)

The NBB programming adapter (2.100.1444) is also required for programming/parameterisation of newer transmitter models via the JTAG interface.

This adapter is used together with the Compact-M2 R7 adapter for programming/parameterisation of the Compact-M2 R7/13 receivers.

It can also be used in conjunction with the Compact M universal programming adapter (2.250.7506) as a COM connection.

A driver must be installed for this adapter, this can be found here in the folder in the ZIP file:

- dpinst-amd64.exe for current 64-bit systems  
or
- dpinst-x86.exe for older systems with 32-bit operating systems.

**! ATTENTION: With Windows 10 & Windows 11, core isolation / memory integrity must be switched off for the adapter to be recognised correctly!**