



mxion Programming Module User Manual

[Home](#) » [mXion](#) » mxion Programming Module User Manual 

Contents

- [1 mxion Programming Module](#)
- [2 Introduction](#)
- [3 General information](#)
- [4 Summary of Functions](#)
- [5 Scope of supply](#)
- [6 Connectors](#)
- [7 Product Description](#)
- [8 Warranty, Service, Support](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)

MAXION

mxion Programming Module



Introduction

Dear customer, we strongly recommend that you read these manuals and the warning notes thoroughly before installing and operating your device.

NOTE: Make sure that the outputs are set to the appropriate value before hooking up any other device. MD can't be responsible For any damage if this is disregarded.

General information

We recommend studying this manual thoroughly before installing and operating your new device.

NOTE: Some functions are only available with the latest firmware. Please make sure that your device is programmed with the latest firmware.

Summary of Functions

USB programming module for mXion DCC update for mXion DCC modules XpressNet® update for mXion XpressNet® Dev DCC CV read/write possible Testing Decoders (Central function)

CV-Programmer

Can used for Firmware selection of mXion LED connectivity and working LEDs Power supply for modules integrated Self updateable

Scope of supply

- Manual
- programming module
- USB cable
- 15V/1A Supply
- Programming adapter for mXion devices

Hook-Up

Install your device in compliance with the connecting diagrams in this manual. The device is protected against shorts and excessive loads. However, in case of a connection error e.g. a short this safety feature can't work and

the device will be destroyed subsequently. Make sure that there is no short circuit caused by the mounting screws or metal.

Connectors

Spannungsversorgung (15V, max. 0.5A) für Updategerät

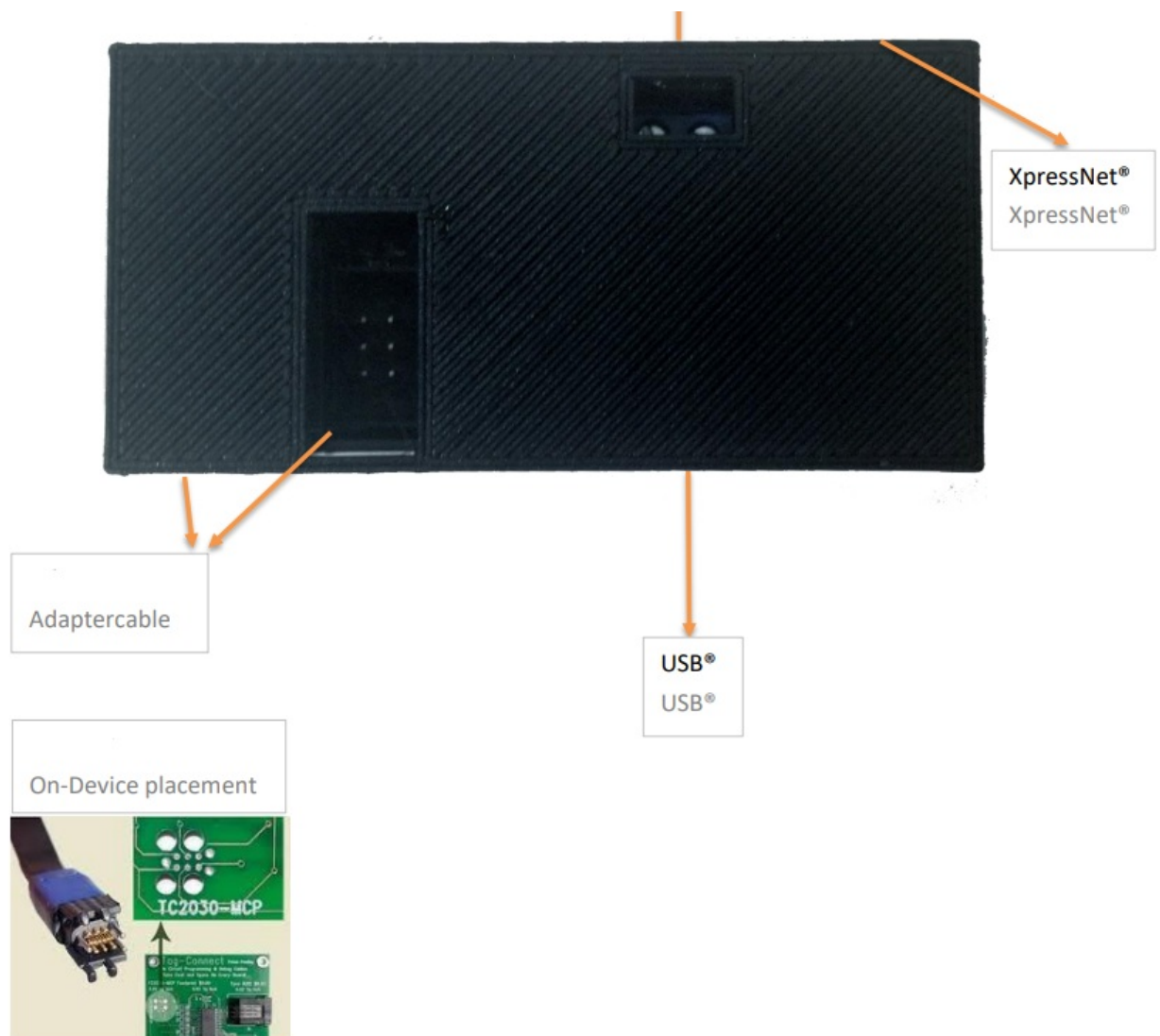
- Voltage (15V, max. 0.5A) for update device

DCC-Update Anschluss (Programmiergleis)

- DCC update connector (programming track)

DCC/MM Programmiergleis

- DCC/MM Programming track



Product Description

Programming adapter for the is software updates for all mXion products suitable. Through the supplied cable update the devices. Plug this cable into the 3 holes on the board. This allows you to update most devices. The

devices are over it with the tension provided. Optionally you can choose from the two screw terminals 15V supply voltage relate. For devices with XpressNet® support please use the XpressNet® for this for the update via XpressNet® Some devices can be controlled DCC (digital) be updated (e.g. mXion DRIVE). Connect the device tot he two screw terminals. These then form a programming track like one digital center. You can over here also read and writing CVs is possible. the programmer will also be used to use for read/write CVs, so as a CV programmer with a programming track. The programmer done with our mXionTool and is very easy. The connection to the terminal is automatic, as also the recognition of the programmer. Then you can read CVs, write program registers and much more. It is also possible to use bits show and long calculate points. Such as locomotive addresses. The terminal is constantly being expanded, too the software of the programmer always more features and facilitated ensure programming too can. MD decoders can work with one button pressure detected and identified become. The following pictures show the procedure with ours moonpool (12/2019). The implementation for templates are still not available yet. Here can you load XML templates directly in the future?

CV-Programmer (MD-Programmer)

192.168.0.111 Verbinden WLAN **HILFE** OK **Nicht verbunden**

Reset-Pakete (Standard: 12) 12

Daten-Pakete (Standard 15) 15

MD Website öffnen ändern

☐ NACHRICHTEN ABSCHALTEN

☐ FAST-MODE

☐ COMP-MODE

Protokoll: DCC Test-Limit 500mA

CV TEST SUSI VORLAGE/TEMPLATE

Bitstellung (bspw. CV29, CV49)

☐ Bit 7 ☐ Bit 6 ☐ Bit 5 ☐ Bit 4 ☐ Bit 3 ☐ Bit 2 ☐ Bit 1 ☐ Bit 0

Decoderinfos lesen (nur MD-Decoder)

CV Wert

CV lesen CV schreiben

Register Wert

Register lesen Register schreiben

Lange Lokadresse berechnen

Berechnen CV17 = CV18 =

Lokadresse lesen Lokadresse schreiben

Weichenadresse berechnen

Berechnen CV hoch = CV tief =

(Format: CV,Wert):

CV-Liste schreiben CV-Liste lesen Liste erstellen Datei auswählen ABBRUCH

With "TEST" you can drive locomotives, switch functions and let trains commute.

CV-Programmer (MD-Programmer unterstützt Programmiervorlagen)

192.168.0.111 **HILFE** **OK**

Reset-Pakete (Standard: 12)

Daten-Pakete (Standard 15)

MD Website öffnen

☐ FAST-MODE ☐ COMP-MODE

Test-Limit 500mA

DEUTSCH

CV TEST SUSI VORLAGE/TEMPLATE

Adresse: ☐ F0 (Licht) CV Wert

☐ F1 ☐ F2 ☐ F3 ☐ F4 ☐ F5 ☐ F6 ☐ F7

☐ F8 ☐ F9 ☐ F10 ☐ F11 ☐ F12 ☐ F13 ☐ F14

☐ F15 ☐ F16 ☐ F17 ☐ F18 ☐ F19 ☐ F20 ☐ F21

☐ F22 ☐ F23 ☐ F24 ☐ F25 ☐ F26 ☐ F27 ☐ F28

Fahrstufen:

Weichen/Zubehördecoder

Adresse: ☐ Roco-Modus ☐ Toggle-Test

CV Wert

Furthermore, there is the possibility that one can test programmed values immediately. They have with the mXionTool the pos. to decoder completely to test. This turns the programmer in a mini-control center, with all functions/decoders can test. Turnouts can also be permanent back/forth (toggle test). Also the Roco mode is supported. For driving steps are selected and tested. The area SUSI is not available for the central station but refers to our CV Programmer the article number 0024. The software fits automatically to the respective hardware.

Warranty, Service, Support

micron-dynamics warrants this product against defects in materials and workmanship for one year from the original date of purchase. Other countries might have different legal warranty situations. Normal wear and tear, consumer modifications as well as improper use or installation are not covered. Peripheral component damage is not covered by this warranty. Valid warrants claims will be serviced without charge within the warranty period. For warranty service please return the product to the manufacturer. Return shipping charges are not covered by micron-dynamics. Please include your proof of purchase with the returned good. Please check our website for up to date brochures, product information, documentation and software updates. Software updates you can do with our updater or you can send us the product, we update for you free. Errors and changes excepted.

Hotline

For technical support and schematics for application examples contact:

micron-dynamics



info@micron-dynamics.de

service@micron-dynamics.de

www.micron-dynamics.de

<https://www.youtube.com/@micron-dynamics>

Documents / Resources

<div><div><div>Programmiermodul Bedienungsanleitung</div><div>Programming module User manual</div></div><div></div></div>	<div><div>mxion Programming Module [pdf] User Manual</div><div>Programming Module, Module</div></div>
<div><div><div>Programmiermodul Bedienungsanleitung</div><div>Programming module User manual</div></div><div></div></div>	<div><div>mXion Programming Module [pdf] User Manual</div><div>Programming Module, Module</div></div>

References

- [▣ Top Fahrradbekleidung für Damen & Herren - Ride your Style](#)
- [☒ micron-dynamics](#)
- [☒ micron-dynamics](#)