



STOP Key:

short press: change normal operation / STOP
 hold until LED blinks red (ca. 3s): restart
 hold until LED blinks purple (ca. 5s): reset to factory default settings

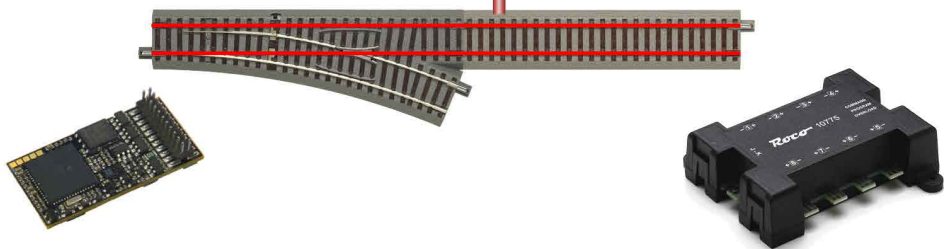
LED Status:

- constant blue normal operation
- - - blinking blue STOP
- constant green programming mode
- - - blinking red short circuit

Main Track

Main Track:

3.2A, short circuit detection
 Track voltage configurable from 12 to 24V inside Z21-App and Z21_Maintenance.
 Maximum track voltage is 1V below supply voltage.



2 Rails DCC

DCC Loco-Decoder

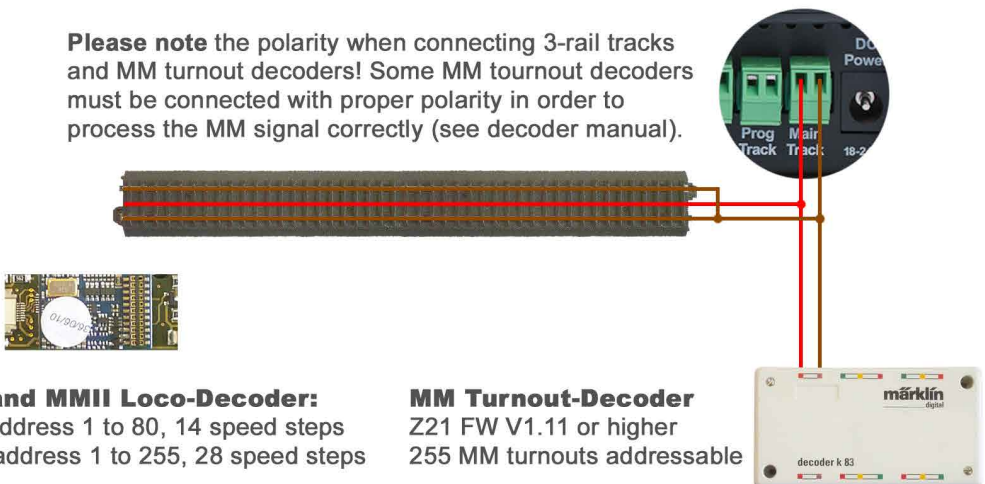
14/28/128 speed steps, F0 bis F28
 RailCom (can be switched off)
 POM write
 POM read (RailCom, Z21 FW V1.22 or higher)
 Short address range from 1 to 99
 Long address range from 100 to 9999

DCC Turnout- and Signal-Decoder

Configuration of sophisticated decoder by using accessory CV-programming with Z21 FW 1.22 (or higher) and Z21_Maintenance.exe.
 2044 DCC-turnouts addressable.

3 Rails MM

Please note the polarity when connecting 3-rail tracks and MM turnout decoders! Some MM turnout decoders must be connected with proper polarity in order to process the MM signal correctly (see decoder manual).



MMI and MMII Loco-Decoder:

MMI: address 1 to 80, 14 speed steps
 MMII: address 1 to 255, 28 speed steps

MM Turnout-Decoder

Z21 FW V1.11 or higher
 255 MM turnouts addressable