



## Train-O-Matic Micro function decoder - NEW for 2022

The new Micro function decoder by Train-O-Matic, is a welcome addition to their Lokommander II decoder line-up. Its small size of 13 x 9.3 mm and 6 pin connection, make it suitable for many small coaches. If your model is factory fitted with a 6 pin connection (NEM 651), you can plug the 6 pin version straight in. But the new Micro function decoder is available in different versions, among others Next18 and a wired version to add digital options to any coach of any age.

On the 6 pin connector there are the track and the classic FL/RL (Out1/Out2) connections, which are 100 mA current capable power outputs. A great feature for power back up are the solder pads for direct connection of external capacitors (25Vdc capacitors are advised, it is not necessary to use higher voltage capacitors). On the opposite side there are 4 logical outputs, capable to drive directly 4 LEDs, without the need of series resistors. There are many light effects for the LEDs to choose from.

Also on the board are Vcc and GND connection pads. If the Train-O-Matic SPP or SPP-N (Powerpack) is used, it has to be connected to the Vcc and GND solder pads and one of the logical outputs must be sacrificed to control the power pack (Charge). The SPP control can be configured in the CVs.

The size of the decoder will allow the usage in N scale, for example with the Train-O-Matic Shine Plus Mini Digi light strips. And of course, the decoder has full RailCom capabilities. A version is available as RailCom transmitter, with only 2 wires connected to the rails.

**Available from February 2022**

### Available interfaces

|          |                 |                              |
|----------|-----------------|------------------------------|
| 02010106 | FD Micro 6P     | NEM 651 6 pin                |
| 02010107 | FD Micro 6P90   | NEM 651 90 degrees           |
| 02010108 | FD Micro 4W6P   | NEM 651 4 wires 6 pin        |
| 02010109 | FD Micro 4W     | Solder pads and 4 wires      |
| 02010110 | FD Micro 5W8P   | NEM 652 8 pin 5 wires        |
| 02010111 | FD Micro 10WN18 | Next18 NEM 658, 10 wires     |
| 02010112 | FD Micro 2W     | RailCom transmitter, 2 wires |



## Train-O-Matic Current Contacts (or Power pickups)

To support their LED light strips and the Micro function decoder, Train-O-Matic has also a wide range of power pickups for N gauge. These are also very suitable for H0e. Check the website for all available variations. All 10 variations and a sample pack with one pair of all 10 variations are **available now**.

More information, including resellers of Train-O-Matic products, can be found at:

**[www.train-o-matic.com](http://www.train-o-matic.com)**

Train-O-Matic has been making electronics for the model train industry for many years, in their own factory in Romania.