

Automate Your Model Railway?

If you have not used a computer to control your model railway, you should read this!

Why Digital?

- Digital is the interface between model railway and computer
- Each train can be controlled independently, even in the same block (shunt)
- Digital makes your model railway more professional
- Internal lighting will always be on, independent if a train is riding or is stationary
- Digital is cheaper in the long run compared to the conventional way of automation

Why a Computer?

- You want to ride more than one train at the same time on your model railway. Manual control on a complex model railway with many tunnels is this very difficult
- The computer controls all the trains that ride automatically. Each train can have his own individual route. You can also ride one or more trains using manual control

Why **SOFTLOK**?

- You can ride with **SOFTLOK** fully automatic, half automatic and manually.
- **SOFTLOK** safeguards the entire model railway and provides you a complete graphic view on the screen
- Trains accelerate and slow down very gently. Signals have only a visual meaning (no interruption for a signal stop)
- **SOFTLOK** is suitable for all makes, for gauges Z, N, H0, 0, 1, for 2-track and for 3-track systems.
- **SOFTLOK** also supports feedback which is directly provided to the computer
- **SOFTLOK** support 7 digital systems; MÄRKLIN, ARNOLD, EDITS, UHLENBROCK, LENZ, TRIX and FMZ digital, Tams Digital
- **SOFTLOK** support the **PC CONTROL CARD** (compatible with MÄRKLIN ~ digital)
- The possibility to connect 2 or 3 digital systems for large model railways

Cost-Effective Change to Digital

In principle each conventional model railway can be easily converted to Digital with the **PC CONTROL CARD**.

For gauge HO you can use the following loco decoders: 6080, 6081, 6090, 6090x or MFX (Märklin), ESU lokpilot or LE 930 (Lenz) and many more decoders. This card is also very useful as a second digital system for controlling the points and signals.

Feedback

If you want to ride fully automatic, you need feedback. SOFT-LOK supports various types of feedback (pulse or continue). Automation of your model railway

must be planned prior to building the complete model railway. After completion it would be much more difficult to make all these contacts (feedback).

Distribution of Current

A well-balanced distribution of power is very important to automate your model railway in a professional way. For example, if two or more trains are riding, each individual speed should influence the other train(s) minimally. This can be achieved by using many power connections to the tracks with the correct wire thickness (minimum of 0.5 mm² or larger).

Current Detection

Feedback and distribution of power is made by the STM-8. Each part is protected by a short circuit.

If you get a short circuit at a specific location, only that part will be switch off.

What Do You Need (Minimum)

SOFT-LOK runs on a conventional 286 computer or upwards with MS-DOS or Windows95/98/ME

- A digital system with a computer interface or the PC Control Card
- Decoders for points and signals
- Decoders for the locos (optional)
- Feedback (half and full automatic control)

SOFTLOK

Brief description of the software program:

SOFT-LOK is a contact controlled program; it follows the trains started on a fix position. Each contact is a condition to do a specific task (set a travel way, speed adjustment, etc).

Signals are only for visual purpose; trains will stop by computer control. Each train has is own individual route, so a fast train can ride a totally different route than a local train.

Ordering

When you like to order software, please let me know for which digital system. Sent a letter or email with the order list. All Prices are including Dutch taxes and excluding postage.