



## “By narrow gauge railway through the Reichsbahn country”

Our narrow gauge railway could be at home in the German Democratic Republic in the Prignitz and elsewhere. You "play" the late 60s of the last century somewhere in the north of the GDR. The city Havelburg, in their environment, our plant is located, is fictitious. According to our ideas it lies on the southern edge of Lake District. Havelburg, the starting point of our narrow-gauge railway is located on an important main route towards Baltic / Scandinavia. Havelburg main station is a real little interchange, not only that there is a side road branches off, and exported in the 750 mm gauge railway to Lindenburg -village has its starting point at the main station. Already built at the end of the nineteenth century, the web is also operated in 1967 by the Deutsche Reichsbahn and fully entertained. Our route runs through Havelburg suburb Havelburg West (here branches off the branch line to Klöwen) almost due west. After the Great Lake (Lake station) was passed, is twisted in a loop to the north and the railway terminal Lindenburg reached (small Railway depot).



We can resurrect by "narrow gauge railway through Reichsbahn country" only a small part of the last century again; a time when there were narrow-gauge railways in East Germany, which were indispensable for the people and businesses of the region. We also want to remember that time, when there were two German states were, with the contrasting performance of their political landscape.



Come with us on a journey into a different epoch. Relive again narrow gauge railway romance. Join us after Havelburg suburbs! Check with us at the bakery over whether the fresh bakery bread is ready. Watch the storks that are foraging. Have you discovered the young rabbits in the barn next to the railway line or watched the newspaper readers over his shoulder on Havelburg suburb station? Has the VEB garden gnome "Walter Ulbricht" already

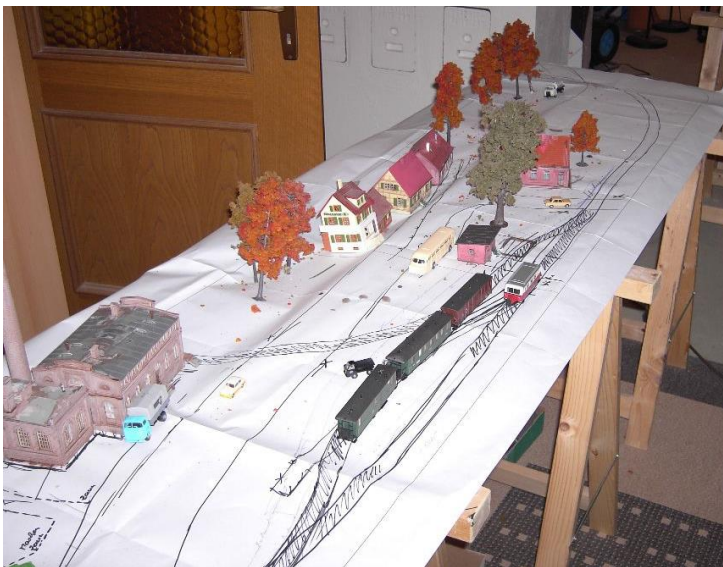
received new freight cars? Is there anything new in the PGH radio and technology (PGH Funk und Technik)? Store the correct Trabi spare parts in the garage? Are the fences still cope with Master scratch today? Will Krause family get everything for the trip to the FDGB Ferienhaus in their Trabi? Will the steam train be in time or shall we better take the bus?

Always the Münchberger Eisenbahnfreunde deal with unusual Model Railways: over time plants (eg the Höllentalbahn) or our well-off society facility, which is run by the cab of the V 200 027 Thus arose on beer mats, in TV housings, according to models.

A digital model railroading arises:

It began with a digital H0e initial pack of Roco. From "legacy" was still a Bemo Schweineschnäuzchen. Another Roco H0e novelty, the 99 4652, joined should be. Now just had to be found a fitting motif. Because they are models for role models in the Deutsche Reichsbahn in the vehicles, the investment theme was quickly found:

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The H0e-conditioning "by narrow gauge railway through Reichsbahn country" is about 2.4 m long and about 0.65 m deep. The system demonstrates an automatic "4-train-operating" with parking and coupling of wagons. It is designed as an exhibition facility for Münchberger railway enthusiasts and was designed by Dieter West (model) and Volker Seidel (computer technology etc.) built. The basic idea of the system is: "to keep up technically" To deal with the computer technology and the issue of digital order.

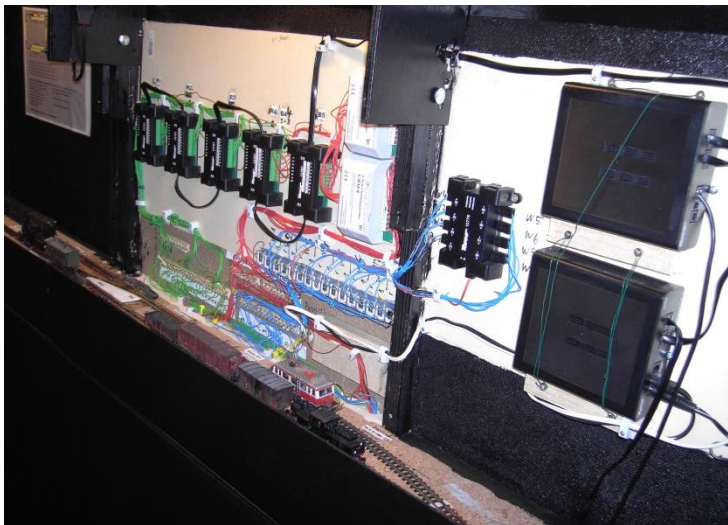
The two "builders" are born in Upper Franconia and because of their age (born 1959 and 1965) they know the situation in the GDR in 1969 to only images. According to research in the relevant technical literature, for witnesses and the internet a small part of the reality at the end of the 60s of the last century can be shown in the meantime. From early 2007 until mid-2008 was built on the H0e exhibition facility. Our first picture shows the preliminary design by paper and pencil directly in 1:87, the 2nd image the progress of construction.

The plant is with Rocomotion 5.9 driven in automatic mode (eg shunting with automatic shutoff and coupling of cars). Rocomotion based on Railroad & Co. TrainController™ from Freiwald Software and interface 10785 by Roco (New: multiZENTRALEPRO 10786).

For Rocomotion especially the favorable price and full compatibility spoke to Roco Digital Amplifier 10764th After the appearance of the multiMAUS this was provided for the operation of the plant. Are built 5 Roco feedback modules 10787 with a total of 40 feedback sensors -. Which 26 ports were (called SRK or reed contacts) with inert gas tube contacts occupied. The reed switches control the Roco feedback modules directly and are reported in Rocomotion as a contact detector (only the locomotives are equipped with magnets). 14 connectors are provided as track occupancy detectors.



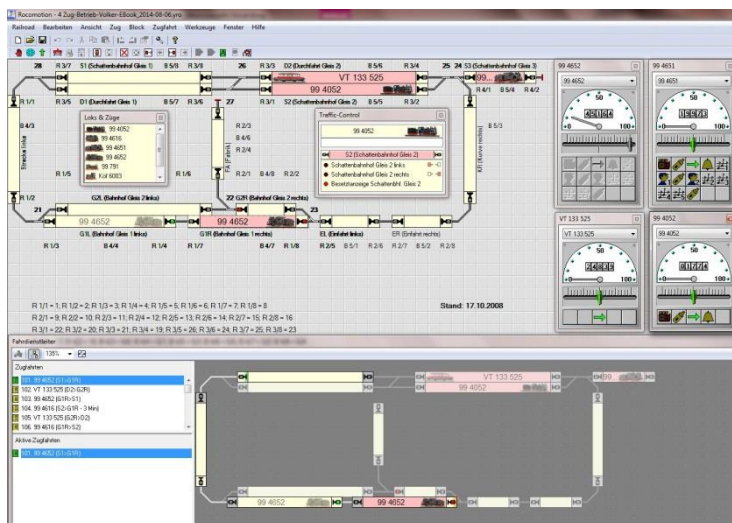
Since Rocomotion can only handle contact detectors were installed as a converter Littfinski Datentechnik track occupancy detector GMB-8. They are now used in Rocomotion as track occupancy indicator.



The picture on the left shows the situation at the rear wall (background) with the feedback sensors, to track occupancy report, the relay, the interface and the amplifier. In track or block diagram of the actual track Rocomotion course has been entered. There have been created 14 traffic boxes. All blocks are called traffic boxes. In the traffic boxes detectors can be created and trains are assigned. It can brake and / or stop indicators, and occupancy detectors will create.

The multiMAUS Roco comes in amplifier as the master, the interface 10785 as a slave used. The switch (8 of which 6 with motor drives) are connected by a DCC turnout decoder-octuple Roco 10775. The motor drives thereby obtained their energy by means of upstream relays. Figure 4 shows a screenshot of the user interface of Rocomotion. The pink stored traffic boxes are occupied. In the lower part of the virtual Dispatchers can be seen.

When vehicles are used: Wismar by Bemo (from "old stock", so he was given a new chassis with swing axles and a decoder Roco 10745), two steam engines HF 110 C Roco (both 99 4652 - used in the opposite direction to a returning Lok to simulate!), which are equipped with LokSound micro V3.5 (or V4.0) ESU, the steam engine 99 4616 from H0e-start package (ESU LokSound V3.5 in sound ghost car) and several carriages and wagons Roco, Liliput and from Czech small series. A flag + fisherman HF 130 C (also with sound ghost car) and the 99 of 4052 model Veit (with ESU LokSound V4.0 decoder) round out the insert component. As a reserve vehicles are another Wismar by Bemo (Roco 10735 decoder), and a U (as DR 99 4712 with ESU LokPilot) held from Liliput. The conversion proposal for H0e HF 110 C Roco comes from the journal of model railroaders 1/2007.



"By narrow gauge railway through Reichsbahn country" is equipped with background sound. In a mp3 file different sound files are merged, which are played in a loop. About Active Speakers (from the computer accessories trade) the noise coming something to contribute (to play include: starting and shutting down a guard, fire siren, animal noises, church bells, rain, wind and thunder). The system is provided with a light box. In it, the lighting and the speakers are integrated. The aperture of the lighting box for the closure of the plant upwards.

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Translation: Waltraud Müller - © Volker Seidel

# MEC 01 Exhibition equipment

For the past 40 years to build and maintain the Münchberger Eisenbahnfreunde model railroad layouts. Was it at the beginning rather smaller installations, is reminiscent of the many Coaster systems or "Lummerland" (a small N-plant), there are in the meantime, several plants that were built from the MEC 01 and are partly held for exhibitions.

The exhibition facilities of Münchberger Eisenbahnfreunde are transportable and can partially packed in crates, are brought to the respective venues via van or truck. In this way, several regional and national exhibitions and fairs have been visited. Among others We were guests at the railway friends Steinach Valley Railway-Coburg eV, the AG Verkehrsgeschichte Schleiz, the railway friends Kulmbach and the IG tradition locomotive 58 3047 eV in Glauchau. In 1985 and 2007, we were on the Consumenta in Nuremberg, 1986 INTERMODELLBAU in Dortmund in 1995 at Messe Stuttgart and 1999 at Faszination Modellbau Sinsheim. 2009, 2013, we presented at the US Convention in Germany. 2013, we were at the Expo Trains Luxembourg in Walferdange.

Wir wollen Ihnen nun zwei unserer Modellbahnanlagen vorstellen:

## We would now like to introduce two of our model railway layouts:

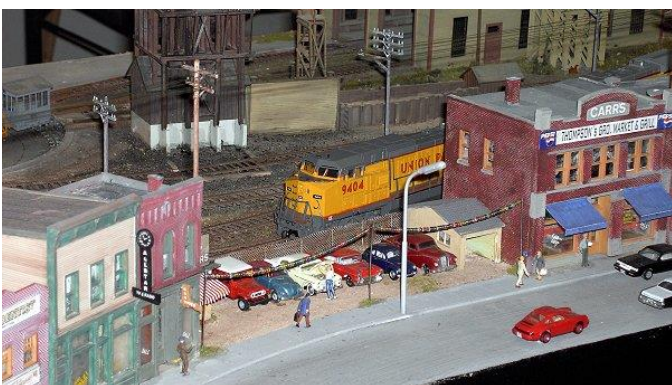
Routing module, and forwarding Stark Raithel & Co.



Our image has a beautiful view of the MEC 01 club facility. The focus of the driver's cab of the V 200 027<sup>th</sup> It was on our booth during the 2007 Consumenta.

## The US plant

digital and analog operation possible



After an extensive renovation, our US facility is even more beautiful, become much bigger but mainly.

You can either analogue or digital mode DCC - system can be operated.

However, the vehicles over RP 25 wheel sets must have!

Next investments and lots of information can be found at: [www.mec01.muenchberg.de](http://www.mec01.muenchberg.de)