

3 CLUB
NEWS
2012

märklin INSIDER

Records in finishing

Unique: how Märklin models
acquire their perfect appearance



Exclusively for Club members
Class 56.2-8 freight locomotive:
powerful and reliable



6

A visual delight: exclusively for Insiders, Märklin is producing the class 56.2-8 freight locomotive as a completely new tooling in H0. A set of five freight cars loaded with wood is produced as a consist to match the loco.

Contents Issue 03/2012

märklin INSIDER



Detail

News: Märklin summer festival – join in and win / Annual chronicles DVD 2012 – part 1 / One year free of charge: Märklin Kids Club	4 ▶
Exclusive model for Insiders: the legendary class 56.2-8 in H0	6
Märklin Kids Club: Annual Car 2012	10
Latest update: new promotional models and digital info days	11



Scene

Exclusive: anniversary models for loyal Club members	12
Color in play: the surface finishing of Märklin models relies on authentic aesthetics and many years of experience	14 ▶
Portrait: sociable Königsbergers – Märklin-Insider Round Table 97 from Franconia and sophisticated modular construction	18



Service

Two new cooperation partners: the Härtsfeld museum railroad and the miniature park “Kleiner Harz”	21 ▶
Tips on loco assembly and layout construction: the current seminar offer for the second half of the year	22
Editorial / masthead	3



The Club mailing 03/2012 includes the following enclosures: Märklin Insider News 03/2012, Märklin Magazin 03/2012, DVD 2012 Annual chronicles (part 1), new 2012 summer products brochure, registration form for Märklin Kids Club, order form for: Club model class 56.2-8 and freight car set, Car of the Year Kids Club 2012, catalog 2012/2013.



14 Masterly: the quality of Märklin models is legendary – a reputation enhanced by perfection in lettering and painting.



18 Strong community: Insider Round Table 97 loves to trip out to visit the prototype, but the Märklinists much prefer to indulge with enthusiasm in their favorite hobby the model railroad.

Your service numbers

Customer Service

Club hotline:

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Telephone: +49 (0) 71 61/6 08-2 13 • Fax: -3 08

E-mail: insider-club@maerklin.com

Queries about technology, repairs and spare parts / complaints:

Telephone Monday–Friday
from 10 a.m.–6.30 p.m.

Telephone **inland**: 0 90 01/6 08-2 22 (0.49 euro
per minute from the German fixed phone
network, mobile tariffs may differ)

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E-mail: service@maerklin.de

Internet

www.maerklin.de
club.maerklin.de

Moving?

Please inform us in good time of your new
address so we will know where we can
reach you. A forwarding address at the
Post Office unfortunately will not suffice.

Thank you for your cooperation!

Dear Insiders,

We welcome the summer with a very special model highlight: for Club members only, in 2012 we are producing the class 56.2-8 freight locomotive as a further exclusive model. For almost 50 years, this steam loco gave exemplary service in heavy freight traffic, and this is why at the same time to match the new H0 model we are producing a set of five freight cars representing wood loads – a unique train consist and also for Club members only. Another subject is up-and-coming modelers, which is most important to Märklin and the Märklinists. Thus we are offering all Club members the opportunity to take up a year's subscription in the Märklin Kids Club free of charge, which they can then elegantly assign to young model railroaders. Or you can acquire for the youngsters of the Märklin Kids Club 2012 the Annual Car – the H0 model with comic figures on it will give lots of real cool running fun. In-depth insights into the art of painting are given by Märklin's finishing experts – Märklin models have long been renowned for their fine lettering, printing quality and precise hand painting. It is also a great pleasure for us to introduce MIST 97 from Königsberg in Bavaria, since all generations of Franconians celebrate their hobby at convivial meets and regular modular exhibitions. Finally, in the service section we welcome two new cooperation partners: the Härtfeld museum railroad in Neresheim and the miniature park "Kleiner Harz" in Wernigerode – and we also give you details of the current seminar dates. Enjoy your reading!

Your Insider Club team

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Fun for all railroaders, large and small: at the Märklin summer festival there will be super painting and handcraft action all about the model railroad.

Summer festival in the World of Experience

Experience the model railroad, build it, play with it: this year at the Märklin summer festival on 27 and 28 July in the Erlebniswelt in Göppingen there will be no end of activities and games galore for the whole family. Model railroad treasures dating back through over 150 years of Märklin's history will be there to admire as well as the original demonstration layouts in various gauges, and refreshments will be available as well. Exclusively for Club members and parallel to the summer festival, on 27 July there's a special chance: if you always wanted to know exactly how the sound gets into the loco, or how it is painted, you have a chance to tour the model maker's production facilities in Göppingen. Club members can take part in an exclusive guided tour of the factory and while going round the production lines, find out all about the individual stages which make up the process. See the box on the right for information on how to apply.

This is how you can win:

60 Club members can win a place on an exclusive factory tour giving you a look behind the scenes at Märklin: there will be two tours, each of 30 people. The first tour starts at 10:00, and the second at 13:30. All Club members can apply to join the 27 July 2012 tours in Göppingen either in writing or on line in the Club section.

The procedure: simply log in to the Internet page <http://club.maerklin.de> and apply under the section "Gewinnspiel" ("competition") and put your name down for one of the two tours, or send a postcard with the **keyword "Werkführung I" (10:00) or "Werkführung II" (13:30) ("Tour I" or "Tour II")** to Märklin at the following address: Gebr. Märklin & Cie. GmbH, Märklin-Insider-Club, Postfach 960, 73009 Göppingen, Germany.

Closing date for applications is 30 June 2012. If you apply by post, please be sure to add your full name, address and your Club membership number. All winners will be notified by us either by e-mail or by post, and there is no right of appeal.

We wish all Club members the best of luck!

Great competition for the European Championships

Go-o-o-ah! On 8 June, the whistle blows again: the European Championships kick off in the Ukraine and in Poland and football fans the world over will be cheering on their favorite teams.

If you would like to celebrate off the football field, you can join in the exclusive on-line forecast game by Märklin and win some smashing prizes. More information on this can be found on www.maerklin.de.



Exhibition trends from Dortmund

Powerful models impress

At this year's Intermodellbau in Dortmund, Märklin impressed the visitors with an exhibition layout, top new releases and exclusive models. The "El Dorado" for model railroaders had plenty of variety on show: the entire sector was there to present their latest products and show the current miniature trends. Many Insiders made use of the chance to cast an eye over the Club models 2012 at the Märklin Club stand – the class 403 in H0 and the class 001 in Z – and to swap stories with other fans. The young visitors had a great time too: on the large play area at the Märklin exhibition stand they could play with Märklin my world-models and show off their skills with a locomotive game. There was also a little surprise in store for Club members at the Club stand: on presentation of their Club card, Insiders were made a gift of an LED lamp in metal. Thanks to a spring clip, the finely-engraved gift can be clipped directly onto the key-ring – a real eye-catcher.



Lots to see, lots to experience: the large layout and 2012 new releases attracted visitors to the Märklin stand (photo above). For Club members there was a welcoming present: an LED clip-on lamp (photo below).



A look round the glass production

The members of MIST 67 and the Model rail enthusiasts Rhein-Neckar were quite taken aback: Märklin General Manager Stefan Löbich in person (photo above, center left) welcomed the 50 guests on the factory premises in Göppingen. The model railroad fans had made arrangements for a guided tour of the Märklin factory. On their way round the factory buildings the Märklinists collected many vivid impressions. In the foundry, paint shop or final assembly – everywhere in the model production in Göppingen the very latest high tech and the finest hand crafting are closely interwoven. The next chance for a tour, exclusively for Club members, is coming up shortly – in fact, on 27 July at the Märklin summer festival (see P. 4).



A year free of charge in the Märklin Kids Club

The latest news from the model railroad club, super models, competitions and tips on forthcoming events: the Märklin Kids Club offers the younger enthusiasts any amount of model railroad fun. During the summer holiday period from June to August 2012, all Insiders can register free for a year as members of the Märklin Kids Club and take advantage of the great Club bonuses. All you need to do is fill in the enclosed registration flyer or register online under www.maerklinfanclub.de. For this please enter the code **9eyxbbkU**. Membership ends automatically after a year, but before it expires, the Kids-Club member will receive a letter from the Club. Membership can be extended at any time at the usual annual subscription fee.



Life and soul of the Märklin Kids Club: the four friends Theo, Paul, Raschel and Lilly are the lively characters.



Impressive: in 2012, the class 56.2-8 freight loco as yet another exclusive model for Insiders.

Class 56.2-8 freight locomotive: once-only series only for Insiders

The universal power-pack

Railroad experts view her as something very special: the power pack known as the class 56.2-8 freight locomotive, the Prussian G 8.1 rebuilt with a leading pony truck, performed reliable and sterling service for the best part of fifty years. Now, exclusively for Insiders, Märklin is producing the loco in a once-only series together with a five-piece freight car set.

Notes on ordering

The class 56.2-8 freight loco and the freight car set with wood loads will be produced in 2012 in a one-off series exclusively for Insiders. Each Club member can order one example of each of the exclusive models from his Märklin MHI dealer with the enclosed order form. We expressly draw your attention to the fact that the Club order forms are not transferable. Closing date for orders is 31 July 2012. Deliveries are scheduled to begin in the fourth quarter of 2012.

Its pedigree is legendary: on the provincial railroads in Germany, the Prussian G 8.1 was one of the most successful of all freight locomotives. No less than 4958 were built. With its axle loading of 17.5 tonnes, the loco operated on main lines. "The Prussian G 8.1 was a real power pack. The loco was mainly employed on heavy freight trains", explains Andreas Zwicker, Märklin designer responsible for the design of the exclusive Club model. The steam loco had a reputation of being extremely reliable and strong. When they were taken over by the German State Railroad in

the 1920s, the G 8.1 series locos were given the classification 55.

So that the proven and powerful machines would have even better route availability, the state railroad decided on some modifications. Between 1934 and 1941, 691 of the machines were rebuilt with an additional front pony truck. The aim was to reduce the axle-load and thus enable the machines to run on lightly-laid branch lines. "Those who know look first at the pony truck on the class 56.2-8 – that is the most marked difference between them and the original G 8.1 – the later class 55", continues

Andreas Zwicker. The rebuild made a number of other modifications to the machines necessary. The frame was extended and the boiler raised and moved forward slightly. The new leading truck was a "Bissel" truck, and the leading wheelset was given minimal side-play. Overall, the locomotive's behavior on curves was much improved.

The rebuilding increased the tare weight of the locomotive from 62.2 to 67.9 tonnes, at the same time reducing its adhesion weight. The reduced axle-loading had the desired effect of permitting the class 56.2-8 to be used on branch lines. Due to the more favorable weight distribution of the locomotive and its better guidance on curves, its permitted top speed forwards was increased to 70 km/h (43 mph) and 50 km/h (31 mph) backwards. The loco could maintain top speed on the level with a 750-tonne freight train.

The rebuild's numerous modifications make the class 56.2-8 altogether unusual. Repositioning the engineer's cab and boiler gave the locomotive a completely new side view. These are alterations which have of course all been reproduced in the model. "The class 56.2-8 is very largely a new tooling", says Andreas Zwicker. The running gear and its cast chassis and the model's decking and engineer's cab were all newly designed", Zwicker lets on. "In

addition, a new run was needed for the pipes and one of the pumps was moved 3 mm, corresponding to the prototype" enumerates Andreas Zwicker. While the sand pipes were cast integrally with the boiler on the class 55, on the class 56.2-8 they have been removed from the mold and are applied separately. As the steam inlet ports to the cylinders were relocated as well, there is a new main air reservoir and a new reversing rod to match. Despite the number of fittings, there is still daylight between the boiler and the frames. Product Manager Karl-Heinz Grässle finds that the many complicated working steps have been well worth while: "The model doesn't just look the part, it is really impressive with all its numerous details and technical highlights. Running sounds like squealing brakes, shaking the fire grate and the compressed air pump were specially created". And Grässle is also very conscious of the significance of the H0 model: "The class 56.2-8 is a most important class which deserves a place on every layout, and in every collection".

Prototype for the new exclusive model is loco 56 362, which was allocated to the Friedberg depot from 1954 to 1959. The loco is coupled to a type 3T 16.5 tender. And so that there's plenty of atmosphere on the layout, there is a

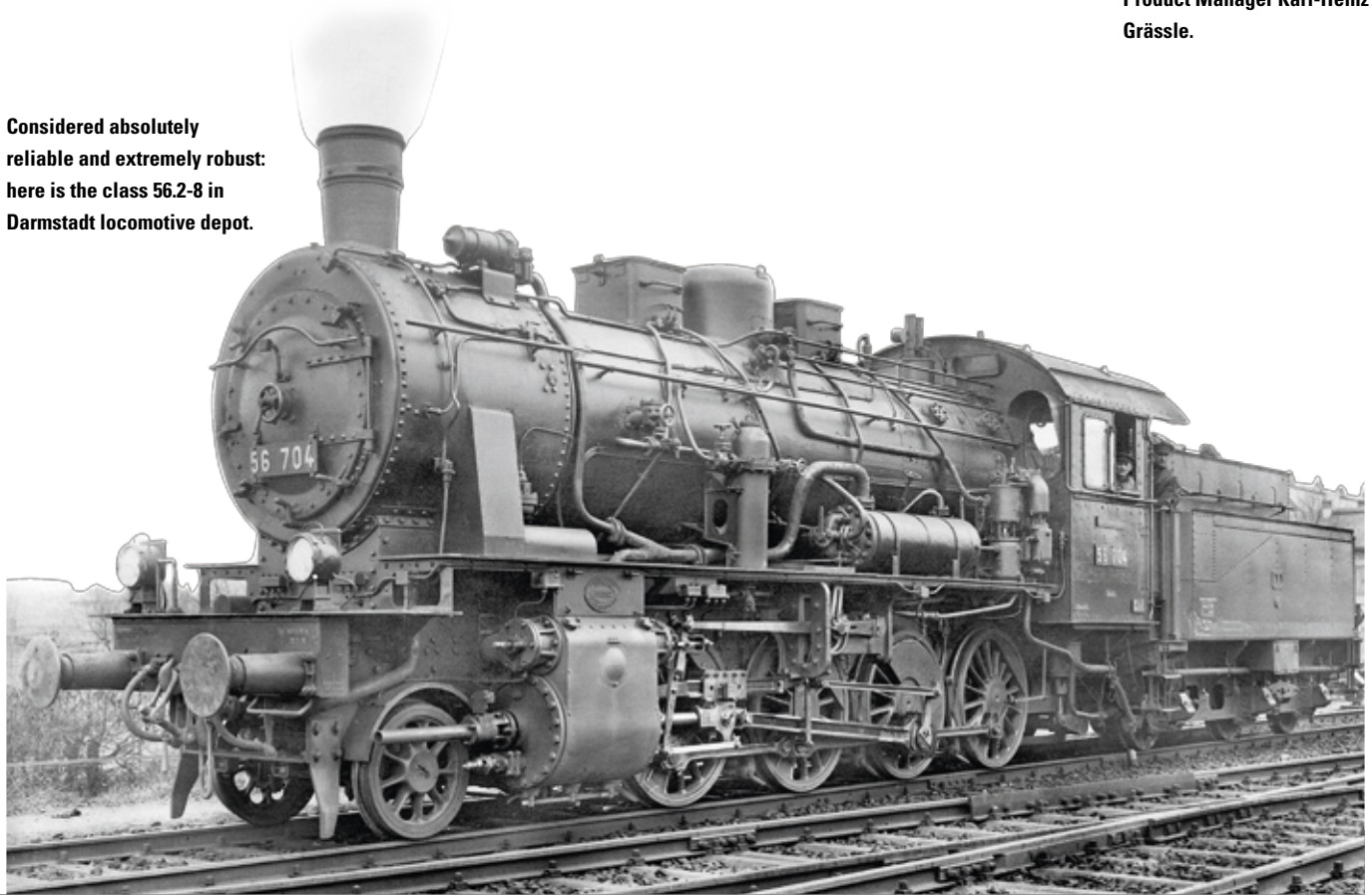


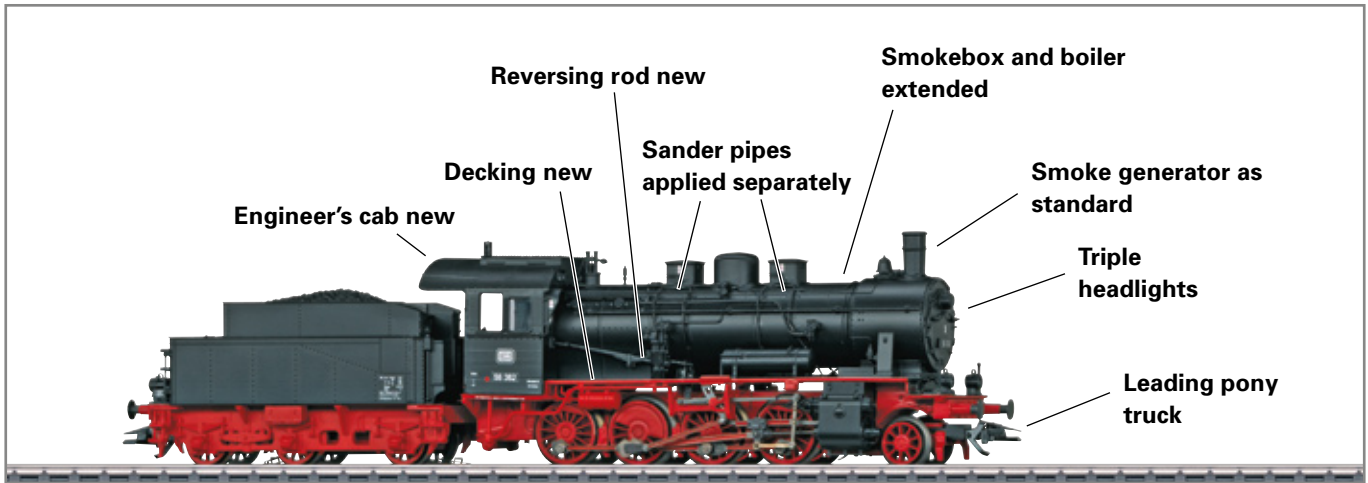
Designer Andreas Zwicker:
"Chassis, decking and engineer's cab are completely new".



Fascinated by the looks and sound of the Club model: H0 Product Manager Karl-Heinz Grässle.

Considered absolutely reliable and extremely robust: here is the class 56.2-8 in Darmstadt locomotive depot.

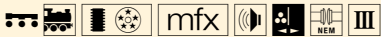




The striking side view of the class 56.2-8: compared with the original G 8.1 (later the class 355), not only is the leading pony truck new; so also is the decking and the engineer's cab. In addition, smokebox and boiler were extended; the sander pipes are now fitted separately to the model.

Märklin Insider models

37563 Freight train steam locomotive



Prototype: freight train steam locomotive of class 56.2-8 of the German Federal Railroad (DB). Prussian G 8.1 rebuilt with a leading pony truck, with DB reflective glass lamp above and two state railroad lamps below, coal tender of type 3T 16.5, road number 56 362. As it was running in about 1959.

Model: fitted with mfx digital decoder and extensive sound functions. Controlled high-efficiency motor with

flywheel. All 4 axles driven; friction tires. Loco and tender mainly of metal. Fitted with smoke generator as standard. Triple headlights which change over with direction of travel and smoke generator operate conventionally and can be controlled digitally. Lighting with warm white LEDs. Permanent close coupling between loco and tender with guide mechanism. The back of the tender and the front of the loco have close couplings with NEM pocket-guide. Many separately-applied details such as pipes and sanders. Piston-tail protectors, brake pipes, imitation screw couplings, engineer and stoker supplied. Length over buffers 21.1 cm (8-1/4").

HO

Closing date for orders:
July 31, 2012

Model highlights 37563

- Largely new tooling
- Metal construction
- With mfx decoder
- With extensive sound functions
- Lighting with warm white LEDs
- Smoke generator fitted as standard

Digital functions	Control Unit 6021	Mobile Station 60652	Mobile Station 2 60653	Central Station 60215
Headlights	●	●	●	●
Smoke generator	●	●	●	●
Steam loco running sound	●	●	●	●
Loco whistle	●	●	●	●
Direct control	●	●	●	●
Brakes squealing off		●	●	●
Air pump		●	●	●
Switcher whistle		●	●	●
Let off steam		●	●	●
Shoveling coal			●	●
Shake up the grate			●	●

smoke generator fitted as standard as well. But a freight engine needs matching freight cars too, and these are also produced exclusively for Club members. The five-piece freight car set "wood loads" is made up of a type Kmmks 51 sliding roof car with brakeman's cab, a type Rr 20 stake car with pressed metal stakes, two gondola cars type Omm 52 and one type Omm 55 gondola car. Special feature: the open boxcars are all loaded with stacked "tree trunks". For the first time too, the type Omm 52 cars are fitted with brakeman's platform and brakeman's cab respectively. These original models guarantee you superb variety on your layout and make freight transport in miniature a really great experience.

Photos: J. Bügel collection, Märklin, H. Seehuber



Characteristic of the class 56.2-8: the leading pony-truck. The exclusive H0 Club model is produced with the most modern technology such as mfx decoder and a wide range of sound functions.

46192 Freight car set "wood loads"



Closing date for orders:
July 31, 2012



Prototype: five different freight cars for transporting wood. One sliding-roof car type Kmmks 51 with brakeman's cabin, one type Rr 20 stake car with pressed metal stakes and loaded with tree trunks. One type Omm 52 open boxcar with brakeman's cabin, an open boxcar of type Omm 55 and an open boxcar car type Omm 52 with a brakeman's platform. All type Omm cars laden with properly trimmed and stacked tree trunks. Modeled as running in around 1959.

Model: four cars with real wood loads and close couplings. The Omm 52 type cars are produced for the first time with brakeman's platform and brakeman's cabin respectively. On the Kmmks 51 sliding roof car, the roof sections open and are secured with magnets. The stake car Rr 20 is supplied complete with pressed metal stakes. Total length over buffers approx. 62 cm (24-7/16"). DC wheelsets per car 2 x 700580.



Running fun with the Clubhouse

Kids Club Annual Car 2012

The Märklin Kids Club gets going. The hip Club figures Raschel, Theo, Paul und Lilly – will ensure plenty of fun and action, and they will give you expert guidance through the model railroad world. Club members can now acquire the exclusive Annual Cars with the cool comic quartet.

The new Märklin Kids Club car will bring pleasure into the children's room. Here the funny comic figures from the Märklin Kids Club will show how good they are. Raschel, Theo, Paul and Lilly experience new adventures all the time in the magazines, always on the move, and they present the most important new products with the eyes of children. Now the four expert modelers are getting their own mobile Clubhouse. The 2012 Annual Car is a low-side

car with an attractive Märklin Kids Club presentation. On top is a container to represent the comic heroes' Clubhouse. Raschel, Theo, Paul und Lilly are cheerfully looking out of the windows. The car roof also bears the Märklin Kids Club logo. The colorful Annual Car can also be ordered by Insiders, and will run on any H0 layout. It is a real eye-catcher – and not only for children.

Model description

48612 Märklin Kids Club Annual Car for 2012



Closing date for orders: July 31, 2012



Prototype: Low side car loaded with a 20 foot container.

Model: The car has a special paint scheme. The container is designed as a Märklin Kids Club clubhouse. The car has Relex couplers. Length over the buffers 11.5 cm / 4-1/2". DC wheel set 2 x 700580.

The four new comic heroes have some stories to tell: Raschel, Theo, Paul and Lilly regularly give tips on layout construction and tell all about their latest escapades. The likeable kids swap new ideas for the model railroad in their cozy Clubhouse. Every Insider Club member can order one example of this model through his Märklin-MHI dealer by using the enclosed order form.

Please note that all model offers (except the anniversary models) and the catalog are printed on an order form. We draw your explicit attention to the fact that Insider order forms are not transferable. In 2012, the model 48612 will be produced in a once-only series for Märklin Kids Club and Insider Club members. Deliveries are scheduled to start in the 4th quarter of 2012.

Advertising models April & May 2012

HO



4415.549 "Landesgartenschau Nagold"
State Garden Show Nagold,
www.landeshgartenschau-nagold.de



94376 "Berg Bier"
Schwäbische Alb-Bahn e. V., Münsingen station,
Bahnhofstrasse 8, 72525 Münsingen/Württ.,
www.bahnhof-muensingen.de

In issue 01/2012 this car was inadvertently published in the wrong color scheme. We offer our apologies for the error. Here is the correct illustration.



4870.005 "BP"
Tog & Tekno, Boulevarden 42, 9000 Aalborg,
Denmark, info@togogtekno.dk, www.togogtekno.dk

Z



8617.136 "Spur Z Weekend Altenbeken 2012"
This special car was produced in a small number on the occasion of the 4th International Z Weekend from 31 March to 1 April, and sold by the club "Z-Freunden International".

Please note:

Promotional models are only manufactured for Märklin dealers or industrial companies etc. (the latter are marked with a *). Normally models marked with a * are not offered for sale and for this reason, no addresses are given. Only models already delivered to the respective customer may be publicized, and only when the customer has given explicit permission for this.

Digital info days

Märklin dealer for the event	Date	Time
Germany:		
51469 Bergisch Gladbach, Mülheimer Strasse 180, Eisenbahn und Modellbau	17.07.2012	10:00 – 18:00
56288 Kastellaun, Allee 1, Lokschuppen	26.06.2012	10:00 – 18:00
57567 Daaden, Mittelstrasse 8, Modellbau Meyer	28.06.2012	10:00 – 18:00
67655 Kaiserslautern, Königstraße 20–22, Diba Kaiserslautern	20.06.2012	10:00 – 18:00
68199 Mannheim, Schulstraße 87, Modellbahnen Berton	21.06.2012	10:00 – 18:00
79664 Wehr, Im Dörfle 6, Antikhof Wehr	01.08.2012	11:00 – 18:00
80335 Munich, Bayerstrasse 16 b, Gleis 11	26.06.2012	10:00 – 18:00
87700 Memmingen, Schmelzgässle 3, Modellbahn-Fundgrube	11.07.2012	10:00 – 18:00
93333 Neustadt, Herzog-Ludwig-Strasse 27, Modellbahn-Neustadt	13.07.2012	11:00 – 18:00

Ask your Märklin dealer about the break for lunch!



Finland:

500 Helsinki, Haameentie 19, Fintir Oy	04.07.2012	12:00 – 18:00
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Sweden:

11425 Stockholm, Rädmanngatan 25, Harambee Hobby AB	06.07.2012	12:00 – 18:00
11459 Stockholm, Grevgatan 69, Eskader	07.07.2012	10:00 – 15:00
14140 Huddinge, Stationsvägen 29, Train Shop AB	05.07.2012	12:00 – 18:00

NEW!
For the first time, info days in Finland and Sweden too.

Loyalty to the Märklin Insider Club is well worth while

Exclusive special models for loyal Club members

Closing date for orders: July 31, 2012

Insiders who have been members for five, ten or indeed fifteen years, can look forward to special anniversary models in H0 and Z. There is a corresponding order form enclosed with this mailing. All those celebrating these anniversaries can obtain these exclusive products – including an express train steam loco. We wish you all lots of fun with the special models.

46010 Track Cleaning Car (H0)

Prototype: Two type KK 15 gondolas, permanently coupled, used as a railroad maintenance car. Era III design.

Model: Both cars come with a built-in track cleaning device. Each one consists of a metal block that moves vertically with parallel polishing felt cleaning pads. The cleaning pads can be replaced and washed. Retractable opening roofs. Close couplers guide mechanism. Both cars permanently coupled. Length over buffers 15.3 cm/6-1/32".

H0

Only for members with ten completed years of Insider Club membership who have chosen H0 for their Annual Car.



Z

86002 Birthday Car (Z)

Model: The birthday car is not only appropriate to celebrate one's own birthday, it's also a very special gift for friends and acquaintances. «Happy Birthday» music chip is built into the original packaging. The melody plays when the package is opened.

Only for members with ten completed years of Insider Club membership who have chosen Z gauge for their Annual Car.



H0

5 years joined 2007

46582 Grade Measurement Car (H0)
86191 Grade Measurement Car (Z)

Model: using the built-in spirit level, rising and falling grades can be determined in percentage terms.

Only for members with **five completed years Insider Club membership.** According to the gauge selected for the Annual Car.

H0

Z



37082 Express Steam Locomotive (H0)

Prototype: Krauss-Maffei design for the German Federal Railroad (DB) class 10.

Model: This locomotive comes with a digital decoder, controlled high efficiency propulsion and sound effects module. 3 axles powered. 2 traction tires. The tender is constructed of metal. There is a close coupling between the locomotive and tender. The locomotive is ready for installation of the 72270 smoke generator. The headlights and smoke generator will work in conventional operation and can be controlled

digitally. The running gear lights, whistle, and steam locomotive sound effects synchronized with the driving wheels can be controlled digitally with the 6021 Control Unit. Length over the buffers 30.5 cm / 12".

Only for members with **ten completed years of Insider Club membership.** This H0 model can be ordered by members with H0 and Z Car of the Year choices.

H0



15 years joined 1997

94339 Flat Car for Containers (H0)

Prototype: German Railroad, Inc. (DB AG) type Lgns 570 flat car for transporting convertible truck transport units.

Model: The car has a prototypical partially open load surface. The axle mounts for the car are separately applied. The side walls for the convertible transport units are printed on both sides with different images of all of the H0 Gauge Insider annual cars from the past. There is additional imprinting on the top of the transport units. Length over the buffers 19.1 cm / 7-1/2". DC wheel set 2 x 700580.

Only for members with **15 completed years of Insider Club membership who have chosen H0 for their Annual Car.**

98089 Flat Car for Containers (Z)

Prototype: German Railroad, Inc. (DB AG) type Lgjs 598 flat car for transporting containers.

Model: The car two 20 foot containers, each with a door at the end. The side walls for the containers are printed on both sides. There is additional imprinting on the top of the containers. The containers are removable. The car platform for the container flat car is constructed of metal. Length over the buffers 64 cm / 2-1/2".

Only for members with **15 completed years of Insider Club membership who have chosen Z gauge for their Annual Car.**

Z



Finishing: working steps cleverly put together

Hard-won aesthetics



The painters: Michael Ludwig (top), manager electroplating and surface finishing, with a stamp for printing surfaces and lettering – Klaus Schwichtenberg (large photo), expert on printing and for the pre-printing stages, studies the class 120.1. In front of him, a color pattern of the original loco.

Really beautiful and beautifully real: proper authentic coloring of models demands fine brush control, and understanding of subject and machine. The paint-finishing team at Märklin has all that and a fourth asset too: invaluable experience.

Märklin Insider: Mr Ludwig, how do you, as master of finishing, evaluate a model?

Ludwig: First of all, I look at general authenticity. The second thing I do is see how fine details have been executed – for example I make sure that two decorative lines are parallel. And the third thing is to assess the color brilliance and legibility of all the printing.

Märklin Insider: I guess you take a magnifying glass for that?

Ludwig: Yes, and I take pleasure in the “aha” effects: here a plug, there a sand-filler and here there is lettering such as “Ausbesserungswerk Meiningen” (repair shops) or “Druckluftleitung 0,3 bar” (compressed air line). It’s these very details which give our models that exclusive “something special”.

Märklin Insider: So just how small is the lettering?

Schwichtenberg: Our standard for line thickness is down to 0.03 mm, for lettering we print down to 0.25 mm capital height. But we have in the past printed lettering of only 0.1 mm. For comparison, the smallest lettering on euro notes is 0.2 mm high.

Märklin Insider: How does the printing procedure function and how do you achieve this extremely high quality of printing?

Ludwig: In tampo printing there are very fine depressions in the printing plates – the positive of the print motif – filled with ink. A silicone pad picks up the ink which is transferred by adhesion to the blank. In tampo printing, Märklin leads the field and to achieve this, we work very closely with the manufacturers of our printing centers. And quality is also a matter of settings: we want what we print to be legible.

Märklin Insider: What are the particular challenges?

Schwichtenberg: Three-dimensional printing such as that on the “bib” on the ends of the VT 08.5 and the “Senator”, or the stripe which runs all the way round the snout of the “Donald Duck” class 403. It is almost impossible to work out how to realize these designs in print and we need to have entire series of experimental runs for the distortion parameters – for the Senator, for example, we had three printing machines running in parallel for a whole week.

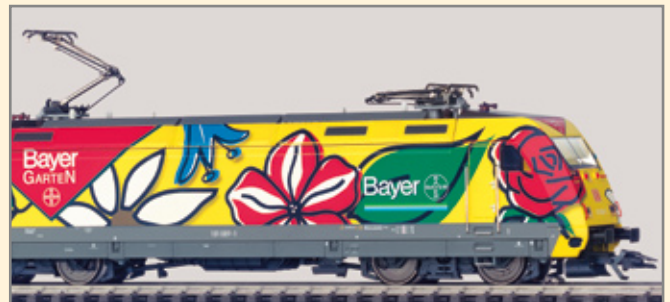
Märklin Insider: What does the success depend on?

Schwichtenberg: On the types of ink and their viscosity, geometry of the pads – the whole thing is an interplay between copy, printing plate, ink, pad and machine and the expertise of the specialist working the machine. Our experiences are documented and thus become part of the in-house standards.

Märklin Insider: How does the ideal painting process work?

Ludwig: We clamp a die cast zinc body in a special jig in our automatic spray painters and apply two coats of primer and the covering paint in the required color. There follows the partial coloring by printing or hand-spraying with stencils then the painting. A last coat of clear varnish follows: this offers protection and ensures a homogeneous appearance – printed and water-based paints have different degrees of gloss.

Highlight 1: record in printing steps



Double printed: on the class 101 advertising loco “Bayer Garten” we needed 140 printing steps – twice as many as on a standard loco. The brilliance of the color is created by printing each color twice.



Complex color coordination: the SBB class 460 (“My Switzerland”) required 94 printing steps and we had to work with three different coloring systems.

Highlight 2: artistic effects



Chimera: the winter painting for the Borsig heavy freight locomotive planned to be built as the class 53.0 makes it look like an illusion. The loco is an advertisement for the skill and trouble taken by the toolmakers: the pattern etched out of brass is not damaged at all, but specifically bent to ensure the misting effect we wanted was achieved when spraying.

Highlight 3: finest lines



Delicate: the decorative lining along the sides of the "Senator" are only 0.03 mm thick – that demands precision in the printing foils, profound mastery of the tampo print process and suitable printing machines.

Highlight 4: highly-complicated printing



A tricky front: the front end of the VT 08.5 is printed in 3-D – in printing terms, difficult to predict and only able to be guaranteed after a long series of tests. The same applied for example to the "Donald Duck" and the "Senator".

Highlight 5: the finest lettering



Flawless: the height of the capitals in lettering averages out at 0.25 mm. Take the rail bus, and the lettering is as small as 0.1 mm – half the height of the smallest capital letter on euro notes.

Märklin Insider: And what makes the work so complicated?

Ludwig: The working steps in partial painting are inter-linked: there are either pieces to be fitted before spraying is done, or painting as an intermediate stage. The painting team lays down the sequence in working planning, so that the tools and machines will be ready when they are needed. On top of all the complexity is the fact that we have a throughput of some 2.4 million parts a year.

Märklin Insider: Why do you need two different paint systems?

Schwichtenberg: For spray applications, we use eco-friendly water-based paints. We print with inks using solvents for two reasons: first of all, their viscosity can be very precisely controlled, and secondly, they are touch-dry in four seconds – which is needed before we can apply other colors.

Märklin Insider: And the water-based paints?

Ludwig: We dry the sprayed parts in an oven for four hours at 55 °C (131 °F). If we were to apply a further coat over one not quite dry, the result would be either adhesion problems or it would tend to flake off. When we spray, a part is accurately fitted on the spindle and the machine setting covers all the parts to be sprayed.

Märklin Insider: Is that pure routine?

Schwichtenberg: No, we define a large number of parameters: they cover such as the jet and its setting, spraying pressure, amount and viscosity of the paint – it mustn't be allowed to dry too fast or to form tears. There is preparation work as well. On early steam locos with integrally-cast engineer's cab, there were sometimes spraying shadows, so these parts are pre-sprayed by hand. And we blow off the parts with ionized air before spraying them – that increases the surface tension and removes dust and fluff.

Märklin Insider: Which paints do you find tricky?

Schwichtenberg: Spraying the primer is a real tightrope walk between spraying enough to cover and not spraying too much. The biggest challenges are generally lighter colors like white, yellow and orange, as the binder is transparent and we need to use several coats. That in turn can make the color darker and can paint out details or block drill-holes.

Märklin Insider: In what circumstances do you paint by hand?

Ludwig: When spraying and printing are either too complicated or just not possible. We also use metering machines – more or less a spray gun with a very fine needle-jet. A foot-switch is used in this system to supply the air. In this way, a double line can be drawn precisely, whereas a brush would have to be dipped repeatedly and the painting pressure would keep varying.

Märklin Insider: Do you make investments in painting?

Ludwig: Continuously, we intend to stay out in front and



Well worth studying



Perfect fit: the boiler of the “Big Boy” has a black primer – there are stencils to protect it when the silver of the smoke box is being sprayed.



A visual delight: all tires of the class 50 freight train steam loco are printed right to the flanges – to good effect.

Not trivial: the light background color of the class 110.3 with the “Mouse Show-train” requires several coats to cover – too much paint and the color is too dark due to the transparent binder. And too little color is possibly even worse.



Without drifting: the line around the rail bus is printed without any breaks – the reward is the uniformity in thickness and color.



Clear position: badges like those worn by the Swiss Re 6/6 are authentically positioned – and even the coloring is accurate.

achieve improved efficiency through innovation advantages. To take one example, our new, freely-programmable printing center has the most modern tamper print technology on the market. With it we can carry out every working step on a classic loco body with only one clamping – every position can be approached. That means quality and working economy.

Märklin Insider: What can the machine actually do?

Schwichtenberg: It can carry out up to 36 printing stages with eight different colors – for each body we have a machine running for three minutes and more. We integrate working steps to increase efficiency and achieve an improvement in quality due to the fact that the part doesn't have to be re-clamped repeatedly. We define for the printing for example on the VT 98 a zero-point for all the working steps, and even the line all round is printed without drifting.

Märklin Insider: How is the control arranged?

Ludwig: First of all, the painter is responsible for quality

control directly. Before series production, when the machines are set up a release sample is produced, and that is the painter's pattern. Secondly, there is a neutral testing system established: quality assurance staff checks the outgoing goods and on their twice-a-day walkabouts, they look over the shoulders of all the staff. They also pull fresh samples out of the stock and thus we can correct any deviations immediately.

Märklin Insider: Are there long-term evaluations?

Ludwig: The staff fill in defects cards, we record machine running times and check numbers using the performance index and in this way we discover potential in the process. Effectiveness and optimization go hand in hand – but in the end, it's the quality that counts.

Märklin Insider: Have you a favorite loco?

Ludwig: No, every loco has its own story to tell with its own specific characteristics. In any event, we are always delighted when we can pick up a successful newly-painted design and say: that's exactly what we imagined it would look like.

Text: Rochus Rademacher / Photographs: Kötzle, Märklin



Group photo with the grande dame class 01: the MIST 97 excursion to the Bavarian Railway Museum in Nördlingen.

Portrait: Märklin Insider Round Table 97

Lighting up every fortnight

Wanting to sit together and a spirit of adventure – MIST 97 in Franconian Königberg in Bavaria solves this contradiction with no trouble at all: every 14 days, the Märklinists have discussions, work on modules, lay on exhibitions or go on trips.



“People don’t really need model railroads”, states Heiner Vogler with an earnest expression – then grins: “but it’s different with us layout designers – we can’t do without them”. The other MIST 97 members acknowledge the punch-line – justification of one unconditional passion by means of another – with a gale of laughter. The witticism makes elegant reference to a turning point in the round table’s history, as MIST-97 organizer Alexander Fasslrunner says: “In 2006 we started building a model layout which just kept on growing. In the meantime we have developed into model

Kids with a view: MIST 97 includes children and young people in its activities – in a good-humored atmosphere this always means something for both sides to enjoy.

railroad experts". And that means rising standards: the Märklinists are giving up their H0 layout which had a good reputation with the public and are changing over to H0 modules with digital controls – which means more scope for design for everyone. "We all build how we want, the only limiting factors are the track connections to the next module and eras II to IV", says treasurer Norbert Müller stressing the great tolerance. Naturally attention is paid to logical motifs and connecting operations: "We will be arranging shuttle working between the lumber mill and the furniture factory". The first sections built caused quite a stir with the public, operating at the Märklin new products exhibition set up by the Behr dealership – and there wasn't even any scenery yet in place.

The driving force behind MIST 97, in which the cheerfulness of the Main-Franconia and Hassberge regions manifest themselves, are adventurousness and the enjoyment of creative cooperation. "Nothing works without mutual aid, we learn from one another", emphasizes Heiner Vogler, whose specialty is electronics – and who in digital modifications is guided by specialist Hans-Jürgen Huber, who in turn relies totally on the thirst for action of young joiner Julian Zitterbart for building the frames. "We do of course give the children tasks such as the gluing down of cork", says Heiner Vogler, who hears loud protests as concentration levels in the younger generation fade away: "We're not here to WORK".



Craftsmanship: joiner Julian Zitterbart makes sure the wiring is clean and tidy. Airbrush technique is practiced in the workshop (right).



But he is not one of those who finds his way into the well-lit rooms of the Volksbildungswerk Königsberg for the round table meet. "We plan the model building, test the latest Märklin models on a large circuit, learn all about digital modification in courses led by Hans-Jürgen Huber, swap experiences or watch videos about railroad modeling – all the various conversation groups combine the widest possible variety of interests", says Fasslrunner as he paints a picture of the multi-faceted club life, which doesn't just comprise layout construction to the exclusion of all else. "Märklin was our favorite brand even as children, because quality, attention to detail and

Packing up: the old H0 layout (below) has had its day – MIST 97 is now building modules. Discussions on the Central Station successor: digital specialist Hans-Jürgen Huber (blue shirt) looks on, teacher Johannes Krug (below right) discusses at eye level.





Relaxation: leisure pleasure and gardening – the Franconian dioramas positively radiate conviviality. Coffee is served on the gauge 1 table railroad, while on the left Stefan Rettenmeier still has his eyes on the freight train with the insider model class 50.40.

“At our annual Open Day it’s easy to get the principle of our hobby over to people who are interested”, says secretary Alfred Bayer, giving one example of effective public relations activities. And primary school teacher Johannes Berg brings “a few meters of old M-tracks in to class in the last school-days before the vacations”, and thus awakens interest in technology in general and that of the model railroad in particular. Looking forward, MIST-97 spokesman Alex Fasslrinner suggests that the modular layout may well be worth seeing when Open Day 2014 comes round. But you can’t get away from the feeling that it may well last a little longer; rushing is not the right way, and in joint projects, how you get there is the goal in itself.

the range available were all there”. Favorite models at MIST 97: the class S 3/6, the V 200 and the class 798 rail bus – the “Hofheim Snuffler” used to call in Königsberg on its way between Hassfurt and Hofheim right up to line closure in 1995. One reason that MIST 97 continues to attract new members is its multi-generation composition, the friendly atmosphere and its agility.

**Text: Rochus Rademacher
Photos: Alfred Bayer, Alexander Fasslrinner, RR**

Description Märklin Insider Round Table 97

The round table

MIST 97 meets on a Wednesday once a fortnight in the Volksbildungswerk (Adult Education Center) in Königsberg. A full attendance means 19 members, seven ladies and six children from the triangle bounded by Hassfurt, Schweinfurt and Coburg. Club captain Alexander Fasslrinner organizes the meetings and sends out e-mail invitations while Hans-Jürgen Huber, in charge of the homepage, puts the dates in the Internet (www.mist97-koenigsberg.de). “Notified visitors are extremely welcome”, says MIST-97 spokesman, in an open invitation to look in and see. The free-and-easy meetings have everything on offer: module building, fun runs on the table layout and exchange of tricks with the experts on layout construction, digital modifications, swapping experiences – or simply being together in a group of like-minded people. Almost all run Märklin, there are a few Trix DC runners there as well. H0 dominates, though all gauges are represented from Z up to gauge 1 and garden railroad. Multiple memberships ensure contact is maintained with MIST in the Main-Spessart region, FRIST9 and MIST 55 – and MIST 97 is open for contact with other model railroad clubs. Contact via Alexander Fasslrinner, tel.: +49 (0) 95 24/57 45, e-mail: info@mist97-koenigsberg.de



MIST 97 with organizer Alex Fasslrinner (right) – visiting: founder Frank Usinger (3rd from r.)

The history

“There was no round table in the Hassberge region, so I just started one up”, says Frank Usinger, playing down his search for like-minded people in 2001. Known Insiders were written to while others got to know of MIST 97 from Märklin publications. The main factor at founding was the interest in digital modification and control – nine were there right from the start. In 2002, landlord Frank Usinger’s career took him to Aschaffenburg and he handed over organization to Alexander Fasslrinner and whenever his time allows, Frank still looks in.

Activities

With its layout, MIST 97 is one of the permanent fixtures in the program at the Volksbildungswerk Königsberg Open Day. Friendly dealerships such as Behr are also supported with running. Every quarter, MIST 97 sets up model railroad days for children and young people, and there is an excursion annually. After the Bavarian Railway Museum Nördlingen and MiWuLa (Miniature Wonderland Hamburg), 2012 sees Bahnpark Augsburg on the Agenda. Visits are also made to swap-meets, model railroad events like the Märklin Days or exhibitions such as Cologne and Dortmund.

New cooperation partners

Insider Club members receive very special concessions from our cooperation partner. Here we introduce to you our partners.



Miniature Park "Kleiner Harz"

Park und Garten GmbH Wernigerode
Dornbergsweg 27, 38855 Wernigerode, Germany
Tel.: +49 (0) 39 43/40 89 10 11
E-mail: info@wernigeroder-buergerpark.de
Homepage: www.miniaturenpark-wernigerode.de

Times of opening:

April and October, daily from 9:00 to 18:00, from May to September daily from 9:00 to 19:00.

The entire Harz on only 1.5 hectares – that's just under four acres – the Miniature Park "Little Harz" makes it possible. Authentically-detailed miniatures nestle in a landscape designed with hills and mountain streams and show you the Harz Mountains from a quite new perspective. Whether it's the Wernigerode Town Hall, the Goslar Imperial Palace, and the Martini Church in Halberstadt or Castle Falkenstein – the tiniest details such as the window-sills, roof tiles and decorations as well as the coloring on all the exhibits in a scale of 1:25 were copied directly from the original buildings. The historic structures in the Harz and in the immediate vicinity are all reproduced in highly-skilled work by hand. The visitor can even follow the complicated progress of creating these miniatures in a show workshop. Model trains based on the Harz Narrow-Gauge Railroad do their circuits in the grounds of the park. And there are further attractions in the large Wernigerode Municipal Park: around 70 themed gardens, playgrounds, a pets' corner, a mini-golf course, several quiet zones and an observation tower offer entertainment for the entire family.



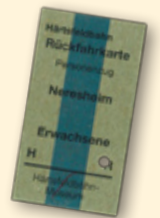
» **Club benefit:** on presenting their Club card, Club members receive a discount of 1 euro on the entrance fee.

Photos: Miniature Park Wernigerode



Härtsfeld-Museumsbahn

Härtsfeld-Museumsbahn e.V.
Dischinger Str. 11, 73450 Neresheim, Germany
Tel.: +49(0) 73 26/57 55 or +49(0)1 72/9 11 71 93
E-mail: information@hmb-ev.de
Homepage: www.hmb-ev.de



Times of opening:

Running days May to October every first Sunday in the month, also on public holidays in May and June and on the second weekend in August and on the second Sunday in September.

In Neresheim in May, the Härtsfeldbahn reawakens from its winter rest. The operating hub of the museum railroad – the Central station – is directly at the foot of Ulrich's Hill, topped by its magnificent Benedictine abbey. From there, it follows the idyllic Egau Valley to the Hartsfeldbahn's terminus at "Sägmühle". As in days of yore, trains are again serviced and prepared for work in Neresheim. Earlier, the legendary "Schättere" had to master a climb up the Alb between Aalen and the 220 meters (729') higher station at Höllhau over a series of sharp curves, cuttings, fills, viaducts and tunnels. The trains ran on to the small Württemberg town of Neresheim and then via Dischingen and into Bavaria to Lauingen and Dillingen. The charming landscape and the atmospheric rolling stock make a trip with the museum railroad a real experience. The museum in the station at Neresheim shows pictures of the olden days, uniforms and notices as well as an authentically-preserved office and working place.



Photos: Härtsfeld-Museumsbahn

» **Club benefit:** on presenting their Club card, Club members receive a discount of 0.50 euro on a ticket (out and return trip 6 euro).

Märklin-Seminar program

Second half of 2012

Märklin is offering interesting seminars this year as well. This time it's all about layout construction, decoder fitting and switching and controlling with the new Central Station. In our seminars, you will learn everything of interest on the subject you have chosen. Only a limited number of places are on offer for each course as each participant receives intensive personal tuition.

All seminars are held in German!

Registration for all seminars:

Gebr. Märklin & Cie. GmbH, Stuttgarter Strasse 55–57, 73033 Göppingen, Germany
Tel.: +49 (0) 7161/6 08-2 57 or -2 22, fax: +49 (0) 7161/6 08- 1 43
training@maerklin.de or instantly online under www.maerklin.de
Our conditions of registration and participation are laid out below.
No separate seminar brochure is available.

Note: please book hotels exclusively through the telephone number given here.

Venue for all seminars led by Rüdiger Haller:

Göppingen
Märklin Erlebniswelt
Reutlinger Strasse 2
73037 Göppingen, Germany

Accommodation may be reserved at:

Hotel Restaurant Hohenstaufen
Freihofstrasse 64–66
73033 Göppingen, Germany
Telephone: +49 (0) 7161/6 70-0

H0: Layout planning and construction preparation (2 days)

Seminar content

- Track geometry for K- and C-track, track planning, e.g., arrangement of station tracks (also applicable for staging yards)
- Providing grades in model railroad layouts, theoretical construction of a track helix including relevant parameters (steepness, minimum radius)
- Use and purpose of an electrical ring circuit, accessories for the electrical wiring (a selection)
- The different properties of switching contacts (circuit track, reed contact, contact track), correct placement of switching contacts
- Testing solenoid articles (signals and turnout motors) in unladen condition (some practical testing)
- A short soldering course with realistic practice (soldering on various tracks)
- Installation hints and function of the braking module 72441 for the controlled deceleration and stopping of digital high-efficiency drives
- Assessing the electric current requirement for a layout and determining the number of transformers/boosters required, for

Date

Date	No.	Seminar leader
Th./Fri., 08./09.11.2012	110 c	Rüdiger Haller

- which sample calculations will be made
- Jointly working out the conditions in which a layout can best be fitted into a room. Jointly planning a layout of maximum dimensions for a previously-defined room plan

Aim of the seminar:

- Theoretical principles governing the proper design with the necessary components (analog and digital) of a model railroad layout

Miscellaneous:

- Each participant will receive an exclusive seminar special car on the theme of layout planning and construction preparation

Duration and cost of the training courses:

2 days: each day 8.45 am – approx. 4.30 pm, 259 euro for Insider members, others 289 euro

H0: Loco assembly seminar (2 days)

Seminar content

- Refresher course on soldering with little practice pieces
- Talk through the individual parts in logical sequence
- Systematic assembly of a class 10 steam loco of class 043 (item 37925) and an electric loco of class 118 (item 37682) in H0

Conditions:

- Soldering ability is essential

Aim of the seminar:

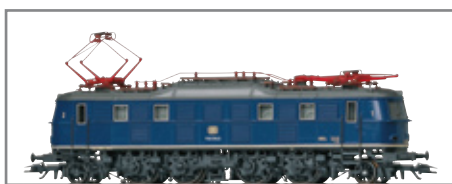
- Assembling the individual parts of the respective locomotive in the correct order and getting to know the corresponding functionality

Dates

Date	No.	Seminar leader
Th./Fri., 28./29.11.2012	180 a	Rüdiger Haller
Th./Fri., 06./07.12.2012	180 b	Rüdiger Haller
Th./Fri., 13./14.12.2012	180 c	Rüdiger Haller

Duration and cost of the training courses:

2 days: 8.45 – approx. 4.30 p.m., 599 euro for Insiders, others 629 euro. Seminar fees cover the cost of the locomotives, and they become the respective participant's property.



Control and switching with the Central Station (2-days)

Seminar content



- Principles of the Central Station: Connections and using the control panel
 - Running and programming locomotives (mfx and Motorola)
 - Setting up a shuttle train control using contact tracks
 - Setting up and switching turnouts and signals
 - Creating circuit diagrams of the layout
 - Setting up pathways
 - Incorporating the Central Station in existing layouts
 - Connecting further units to the Central Station (e.g. Mobile Station)
 - Mobile running and control possibilities using the iPhone and iPad App
- Aim of the seminar:**

Dates

Date	No.	Seminar leader
We./Th. 08./09.08.2012	130 e	Rüdiger Haller
Th./Fri., 20./21.09.2012	130 f	Rüdiger Haller

- Acquiring knowledge of designing a layout with the Central Station or converting an already existing layout
- Miscellaneous:**
- Each participant will receive an exclusive seminar special car in H0 on the theme of Märklin digital
- Duration and cost of the training courses:**
2 days: each day 8.45 am – approx. 4.30 pm, 259 euro for Insider members, others 289 euro / 1 day: each day 8.45 a.m. – approx. 4.30 p.m., 159 euro for Insiders, others 189 euro

H0: Decoder-installation seminar (2 days)

Seminar content

Training is suitable for participants who want to upgrade analog and digital H0 locomotives to the latest state-of-the-art system technology with mfx decoders.

- Refresher course on soldering with little practice pieces
- All you need know about the latest generation of decoders
- Two Märklin locomotives will be retrofitted

Conditions:

- Soldering ability is essential
- The Märklin locomotives you bring with you must be in very good condition (other makes will not be entertained!).

Date

Date	No.	Seminar leader
Th./Fri., 25./26.10.2012	140 d	Rüdiger Haller

- When registering for the seminar, it is essential to give the locomotives which are to be retrofitted (please give a selection of locos, and bring them all to the seminar)

Aim of the seminar:

- To learn how to modify the Märklin locomotives

Duration and cost of the training courses:

2 days: each day 8.45 a.m. – approx. 4.30 p.m., 499 euro for Insiders, others 529 euro

H0: Service and inspection (2 days)

Seminar content

- Basics of soldering technique with soldering practice
- Function of the Märklin drum and disc collector motors
- Adjusting a mechanical reversing switch
- How to oil an H0 loco correctly
- Carrying out servicing and inspection work on a class 218
- Dismantling a class 218, explaining the assemblies and finally reassembling the loco
- Carrying out servicing and inspection work on a class 74
- Dismantling a class 74, explaining the assemblies and finally reassembling the loco
- Converting a Märklin locomotive to digital operation with high-efficiency motors and the latest decoder generation (theoretical, will not be put into practice)
- Fault-finding made easy with doctored locomotives using the

Dates

Date	No.	Seminar leader
Th./Fri., 18./19.10.2012	150 c	Rüdiger Haller
Th./Fri., 15./16.11.2012	150 d	Rüdiger Haller

knowledge gained on this course

Aim of the seminar:

- This seminar is ideal to enable you to look after and service your old locomotive better and to be able to undertake minor repairs yourself

Miscellaneous:

- Each participant will receive an exclusive seminar special car on the theme of service and inspection

Duration and cost of the training courses:

2 days: each day 8.45 am – approx. 4.30 pm, 259 euro for Insider members, others 289 euro

Z: Service and inspection (2 days)

Seminar content

- Basics of soldering technique with soldering practice
- Dismantling locomotives and talking through the components
- How to oil a Z-gauge locomotive correctly
- How to clean locomotives correctly
- Carrying out maintenance and inspection work on various locomotives
- Assembly of these locomotives and showing the corresponding maintenance points
- Fault-finding made easy with doctored locomotives using the knowledge gained on this course

Aim of the seminar:

- This seminar is ideal to enable you to look after and service your old

Date

Date	No.	Seminar leader
Th./Fri., 27./28.09.2012	160 b	Rüdiger Haller

locomotive better and to be able to undertake minor repairs yourself

Miscellaneous:

- Each participant will receive an exclusive seminar special car on the theme of maintenance and inspection in Z-gauge

Duration and cost of the training courses:

2 days: each day 8.45 am – approx. 4.30 pm, 259 euro for Insider members, others 289 euro

Märklin summer festival in the World of Experience on 27 and 28 July



Fun for the entire family

Model railroad technology, fun painting and making things – for the great summer festival on 27 and 28 July 2012, the Märklin World of Experience in Göppingen turns into a playing paradise for the whole family. The youngsters can let off steam on the bouncy castle and the LGB bicycle, module-building will call on their creativity, and in the corner, there will be running fun with the Märklin my world and LGB model. There will be running

fun for the grown-up fans too with the impressively-designed layouts, and professionals will be there to give valuable tips on layout construction as well. Parallel to the main event in the Erlebniswelt, there will be an exclusive guided tour of the main Märklin factory on Friday 27 July for 60 Club members. All Club members can apply to be included in the sightseeing, so take your chance to take part and win (further information is shown on page 4).