

# märklin

## INSIDER CLUB news

THE MAGAZINE FOR CLUB MEMBERS

03.2018



## Push-pull fitted loco 65 012 as an exclusive H0 Club model



### MODEL HIGHLIGHTS

Class 65.0: All about the second H0 Club model 2018  
Annual Car Start up: "Jim Button" for young and old

### CLUB EXCLUSIVE

Interview: Insider Club 25th Anniversary  
Summary: Märklin seminars in the second half of 2018

**Interview with Märklin  
Managing Director  
Florian Sieber**

# Contents

## 6

**Phenomenal:** Loco 65 012 is Märklin's first model of the class 65.0 – wanted by many, but exclusively available as second H0-Club model 2018 for Club members. The machine is modeled as a push-pull loco with strong play features.

### Detail



- 4 **News & Facts**  
Märklin at exhibitions/  
Open Days 2018 /Annual  
DVD part 1/Club trip/  
Winner teaching signal  
tower competition
- 6 **Exclusive H0 Club models**  
All about the model of push-  
pull locomotive 65 012 and  
the commuter cars
- 11 **Start up Annual Car**  
Smart refrigerator car with  
"Jim Button" movie motif
- 12 **25 years a Club member**  
Personal highlights of a  
Z-gauge enthusiast



## 11

**Fantastic:** The Start up Club Annual Car 2018 is imprinted with a motif of the film "Jim Button and Lucas the Engine Driver" – the exclusive car is also produced for Insiders and fits in well with the "Jim Button" Start up world.



## 14

**Strategic:** Märklin Managing Director Florian Sieber reports on the Club's importance for Märklin, the investment in machinery and IT and the value of the play functions for models.

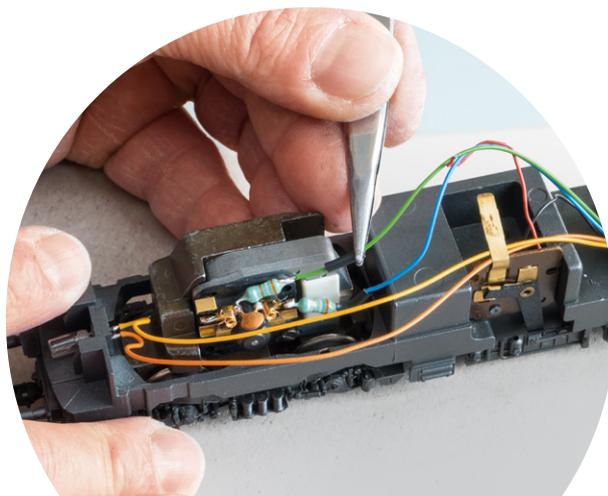
### Scene



- 14 **Interview**  
A discussion on strate-  
gy and models with the  
Märklin management
- 18 **Themes of the future**  
The potential of digiti-  
zation: Representatives  
of Insider round tables  
discuss

## 20

**Instructive:** Seminars offer secu-  
rity in layout planning, engine  
assembly, installing decoders  
and how to get the best out of  
the CS3. An overview of the  
dates in the second half of the  
year 2018.



### Service



- 20 **Full overview**  
Märklin seminar program  
second half of 2018
- 22 **Promotional models**  
Vehicles with messages
- 23 **Digital-info days**  
Märklin trainers  
on hand at your retailers
- 24 **On the Club's account**  
Campaign "Insiders  
recruit Insiders"

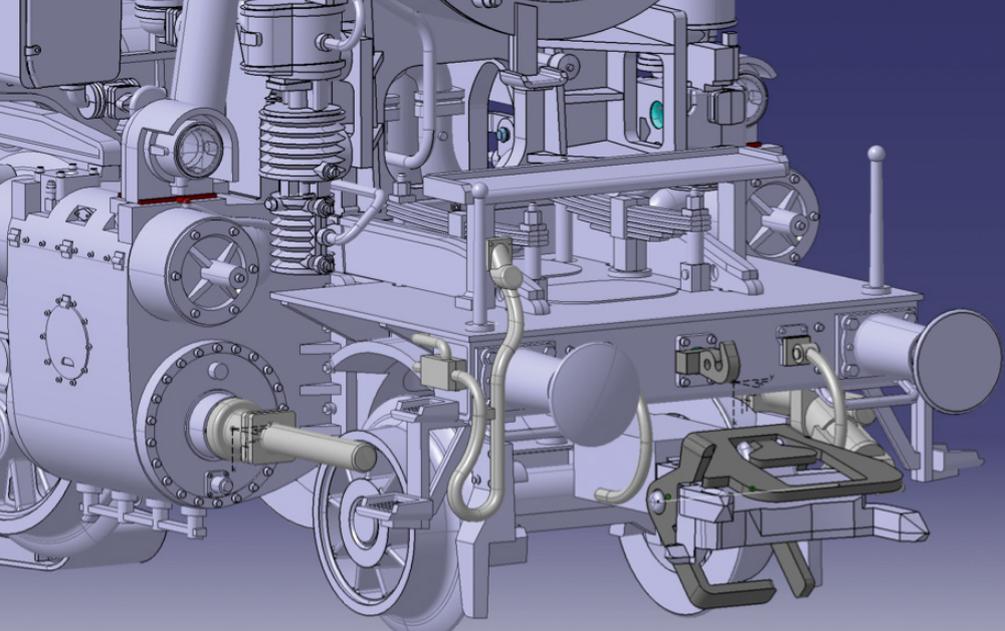


Photo: Märklin

**Design image of loco 65 012: On the second H0 Club model of the year, the push-pull train controls are modeled with the jumper and the socket, as on the prototype.**

# Dear Märklin Insiders,

At Intermodellbau Dortmund we were delighted to register Club members at the Märklin stand with a pin badge “25 Years Insider Club” and were equally pleased with the exchange of ideas and the positive feedback on the current model range as well as the constructive suggestions as to what we can do even better. It is precisely this type of contact with experienced model railroaders which illustrates the value of our unique Club. In addition to the specialist topics, many of the 25-year members are concerned that public interest in the model railroad is waning. To counteract this loss, we are aiming to intensify promotion of the model railroad in schools and to motivate grandson and grandfather with initiatives such as “Deutschland sucht den Märklin Schatz” (Germany seeks the Märklin treasure). We are also working on positive values of synergy – about cooperation with other market participants under the umbrella of the German Toy Industry Association or with the “Jim Button”-theme world, whose characters release positive emotions for railroad experience and the steam locomotives. This is the reason that the Start up Club Annual Car for 2018 also carries motifs of this imaginative movie. Apart from this, we are attracting the next generation with the digitization of model railroads.

And the experts? They are even thinking the digital world into the future, as you can read in this issue in a report on a meeting of representatives of a number of Insider round tables. And we keep making progress, as the second H0 Club model 2018 shows: Listed as the favorite in Club polls, it is a class 65.0 loco fitted with push-pull equipment that we are realizing. This includes fittings and components and – a premiere in the history of Märklin models – a digitally switchable red marker light on the tender. In push-pull service, the 65s were coupled with their smokebox to the train consist. So the digital feature is realistic in operation and we add even more realism with three exclusive “Silberling” (silver coin) passenger cars. But get an impression for yourself from the following pages. Enjoy your reading!

Sincerely,

**FLORIAN SIEBER**

Managing Director, Gebr. Märklin & Cie. GmbH

## YOUR SERVICE NUMBERS

### CUSTOMER SERVICE

#### Clubhotline

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Post address: Märklin Insider Club,  
Postfach 960, 73009 Göppingen, Germany

The Club hotline is the central contact point for:

- ✦ Technical questions about Märklin products
- ✦ Information on current events at Märklin
- ✦ Seeking spare parts
- ✦ Enquiries on the status of an item sent in for repair

#### Internet

[www.maerklin.de](http://www.maerklin.de)  
[club.maerklin.de](http://club.maerklin.de)

#### Are you moving?

Please inform us in good time of your new address so we will know where we can reach you. A simple application to the post office to forward mail is unfortunately not enough. Thanks for your cooperation!

## MASTHEAD

### Publisher

Gebr. Märklin & Cie. GmbH  
Stuttgarter Str. 55-57  
73033 Göppingen, Germany

### Märklin Insider Club

Silvia Römpf (responsible)

### Editorial

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Sandra Fuhrmann, Lars Harnisch, Rochus Rademacher

### Design and production

Publishing Group GmbH  
Tel.: +49 (0) 89/45 71 05 00  
[www.publishing-group.de](http://www.publishing-group.de)

### Photos

unless otherwise stated: Märklin Insider  
Title: Herbert Schambach/Slg. Ulrich Budde

No liability is accepted for dates quoted.

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You will find the following enclosures in the Club mailing 03/2018: Märklin Insider News 03/2018, Märklin Magazin 03/2018, New Products brochure for summer, Annual DVD 2018 (part 1), order form for Club models H0 (items 39650/41275), Start up Club Annual Car for 2018 and 2018/2019 main catalog, poster “All Insider H0 Club models”.



Busy on the Märklin stand: The Club team welcomed members to Intermodellbau with a champagne reception (above) - and then it was off to watch the trains (right).

Photos: pw

RETROSPECT: INTERMODELLBAU DORTMUND 2018

# Stacks of models

**O**n the Märklin stand at Intermodellbau Dortmund, a first sample of the first 2018 H0 Club model was waiting for Club members but it wasn't only the Ce 6/8 II 14282 with its Swiss freight train which attracted the visitors; the multi-functional Ardel steam crane (item 49570) and the "Rheingold 1928" anniversary set (item 26928) also made their appearances. As an extra fascinating eye-catcher, the "Jim Button" theme world in the Märklin Start up range, whose protagonists were there too, including the loco "Emma" are known to all (see Start up Annual Car page 11). Surrounded as always: The large Märklin H0 exhibition layout on which there was plenty of traffic. Märklin product managers and trainers were

on hand to answer technical questions from Club members and the Club team had an open ear for Club matters and presented members with a welcome gift in the shape of a "mini maxi shopper" (45 x 53.5 cm (17-3/4" x 21")). This saves space by disappearing into a compact case (5 x 10.5 cm (2" x 4")) lettered "Märklin Insider Club".



Photo: Kötzle

Practical: As a welcome, the Club team presented a shopping bag with a tiny pack size in a case – greener than any plastic bag.

## Open Days 2018 - including 44 1315



Photo: Kötzle



How it's done: Hand painting (left) or toolmaking - every step is explained in the factory.

Once again, it's time for a trip to Göppingen: On Märklin's Open Days on September 14 and 15, 2018, the entire production at the main factory is open to view –whether die casting, electroplating, painting or final assembly, everywhere visitors can have the working steps ex-

plained to them. The traditional event has special appeal this year due to the partial opening of the "märklineum" and the presence of loco 44 1315 – Märklin is having the "Jumbo" transported from Heilbronn into the factory, where she will take center stage.



## 25 years of the Club

On the Open Days 2018, the Club team welcomes Club members - a drink to toast the 25-year anniversary of the Club is awaiting. In addition, a showcase is stocked with exhibits to allow a look into the world of the customer club from 1993 to today. There will be a full report on all the activities in issue 04/2018.

## Photographic competition “My best Club model”



Closing date for our Club photo competition is fast approaching, but you still have until August 31, 2018 to send the Club two scenes of your favorite H0 or Z-gauge Club model as digital images (resolution 300 dpi) under the keyword “Fotowettbewerb” by e-mail (insider-club@maerklin.com). A short list of the best entries will be published at the Open Days at the main factory (September 14 and 15, 2018) and at the IMA Cologne (15th to 18th November 2018) – visitors may then submit their votes to select the three prizewinners. Prizes of Märklin H0 and Z locomotives are offered for the winning photographs. Online information is also on the Club anniversary page ([www.maerklin.de/25yearsclub](http://www.maerklin.de/25yearsclub)). 



Taking part is so easy: For the anniversary photo competition, simply send two photos of your most beautiful Club model.

## Winners of courses in the teaching signal tower Kornwestheim

Railway operation is a complex matter – how exciting and challenging the technology is can be experienced in the heritage teaching signal tower Kornwestheim. The “Förderverein Lehrstellwerk” (Tower’s Supporters’ Association) trains “hobby” dispatchers here all about turnouts, signals, train reporting procedures, train and shunting



movements and signal box types. The Club has drawn three cards for participation among members – the winners are H. Schäfer (Karlsruhe), J. Stolley (Itzehoe) and R. Pahlke (Bremerhaven). Interested parties can purchase an instructional DVD from the association ([www.lehrstellwerk-kornwestheim.de](http://www.lehrstellwerk-kornwestheim.de)). 



Photo: Andreas Teutler/CC4.0

Kornwestheim teaching signal tower: Theoretical and practical knowledge.



Photo: Rhaetian Railway

## Club travel to Grisons in Switzerland

A Swiss dream come true: On the Club trip from July 29 to August 5, 2018, Club members will travel in historic trains on the Albula, Bernina, and Arosa lines. The main workshops of the Rhaetian Railway in Landquart are visited with LGBTOURS, famous viaducts traveled over on the route, there is a trip on the crocodile-hauled “Rhaetia Pullman Express” and we travel up to Alp Grüm in historic Bernina rail car number 1. Further special features of the

trip are first-class guided tours through the program points, partial participation of Märklin management and a member of the Märklin staff. Club members receive a discount of five percent. 

Prices, exact itinerary and registration at: **LGBTOURS, [www.lgbtours.de](http://www.lgbtours.de), tel. +49 (0) 91 03/16 97**

Symbol of the Albula Railway: The Club tour runs via the legendary Landwasser viaduct.

## Part 1 of the 2018 annual DVD

25 years Insider Club - part 1 of the Club’s annual DVD 2018 in which legendary Club models are in the picture and Insiders have their say is worth a review. The current Märklin museum cars are also acknowledged – the film team visits the model’s sponsor, the Confiserie Bosch. A private Märklin layout is also presented, and renovation

Reports on models, layouts and prototypes: Part 1 annual DVD 2018.

of an old Noch ready-made layout is continued in a second installment. Märklin has produced the Vectron as an H0 model - how the original is used by the BLS transport company is experienced on the DVD as well as the Robel construction site vehicle in original and model.





Top up operating supplies: Herbert Schambach photographed passenger tank steam loco 65 012 in her home depot Essen on March 27, 1963. The push-pull control fitted loco, which was produced as the second H0 Club model in 2018, is number one on the Insiders' wish list.

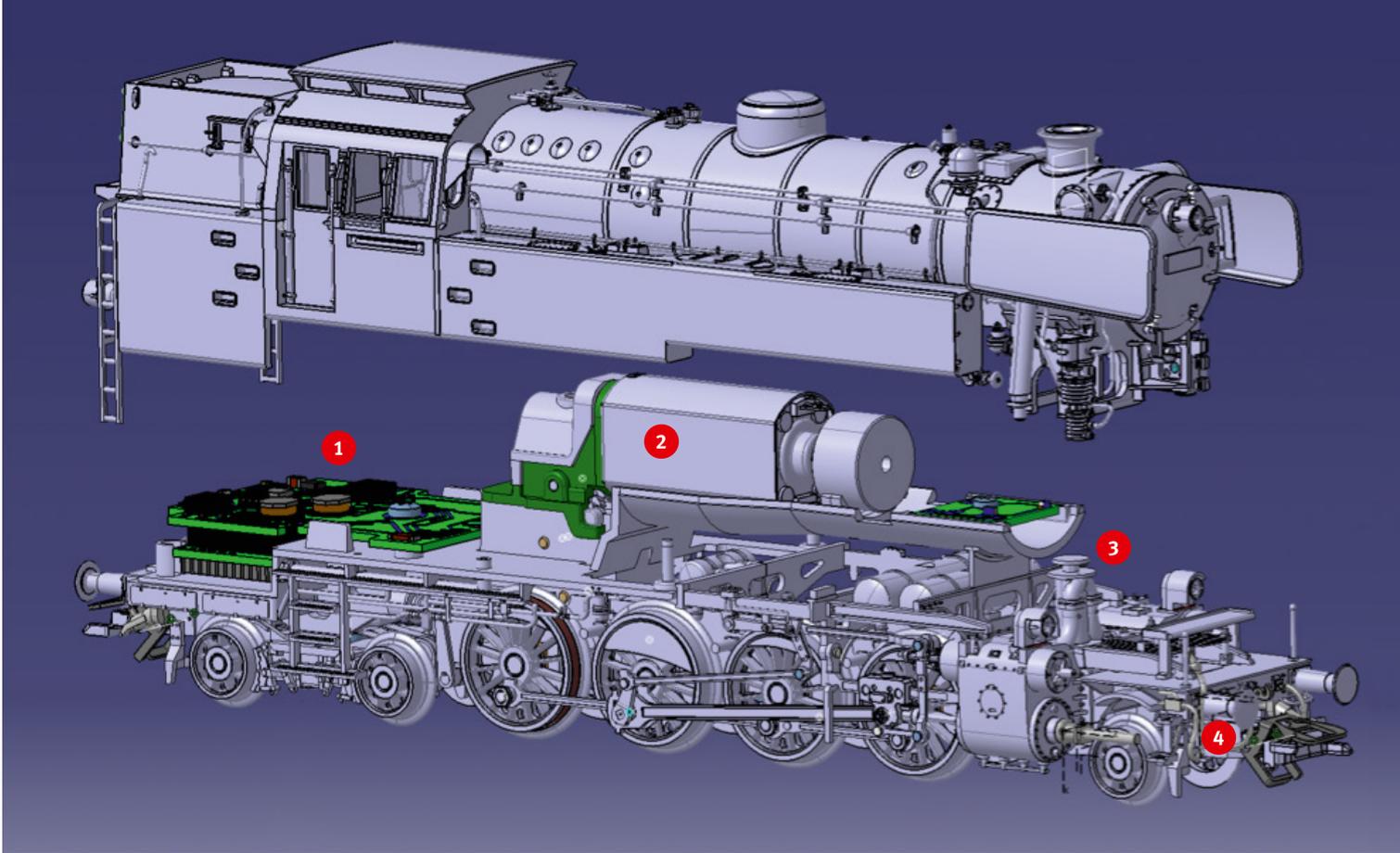
EXCLUSIVELY FOR INSIDERS IN H0: CLASS 65.0 STEAM TANK LOCOMOTIVE WITH THREE COMMUTER CARS

# 65 012 for push-pull service

The second H0 club model 2018 has long been yearned for by Club members: With 65 012 now produced by Märklin in H0 for the first time, a machine with push-pull equipment now runs into the Club station – on its hook, three exclusive Silberlings (“Silver Coins”).

**F**riedrich Flemming of DB Headquarters speaks of “residual steam operation”, when the first newly-designed steam locomotive of the DB is delivered in 1950. Although the future belongs to electric and diesel locomotives, “the steam locomotive will remain a significant element of train haulage for many years.” In the course of restructuring, the DB assesses with great care where refurbishment of classes is still viable and where, taking these costs into account, replacement is sensible. On February 28, 1951 the first

newly-designed tank loco of class 65.0 is delivered. It has a clear purpose: The loco, with a 2-8-4 wheel arrangement, is intended to replace the old classes 93.5-12 and 78.0-5 in local passenger service – local train services must be maintained, especially in metropolitan areas. It is fitting that on March 7th on a test drive with a 78, the “steam train for reversible working without changing engines” is presented for the first time – the technology is to relieve termini of the need for locos to change ends. Thanks to Friedrich Witte’s new design principles and his design experience, the class 65.0, a two-cylinder superheated



- 1** Electronics: Flat-mounted digital decoder and loudspeaker ensure a clear view in the cab.
- 2** Drive: The centrally-mounted high-performance motor with flywheel drives the tank loco's four coupled axles.
- 3** Highlight optics: View to the perforated boiler saddle and highly-detailed modeling of the front of the loco.
- 4** Push-pull controls: You can see the jumper next to the right buffer in the direction of travel and the socket on the opposite side.

## Fast-accelerating eight-coupler for push-pull service in era III

steam loco, proves to be tailor-made for passenger train service, with a maximum speed of 85 kilometers per hour forward and in reverse.

- As eight-couplers, the locomotives of class 65.0 are powerful starters due to good weight distribution (starting tractive effort 158 kN, adhesion weight 67.7 tonnes, power output 1,480 HP).
- As locomotives with small driving wheels, the class 65.0 locos were capable of fast acceleration (coupled wheel diameter 1,500 mm (4'11")).
- A relatively large direct firebox heating surface optimizes the heat economy. A high degree of efficiency is achieved by superheated steam.

The total of 18 locomotives of class 65.0 prove themselves: Their acceleration is praised by railroad staff and they work extremely reliably and effectively after an optimization – helped in this direction by the push-pull controls. On 29 days in January 1958, 65 014 is recorded as having run 14,821 km (9,203 miles).

With 65 012 (item 39650), Märklin is now producing one of these functional “economic miracle” locos for the first time. “Exclusively as a second Club model 2018”, reports Timo Eberle, Product Manager H0 at Märklin. “In our Insider

surveys, the class 65.0 is top of the list of the most desired locomotives, which may be due to her neat appearance and the interesting driving operation resulting from her deployment in push-pull traffic.” And it is precisely this play option dominating the completely new tooling. For the first time, the push-pull controls are implemented on a Märklin tank loco, externally not only recognizable from the jumper and →

**Closing date for orders is August 31, 2018**

## It's this easy to acquire your own Club model

The class 65.0 H0 steam tank loco (item 39650) and the matching passenger car set (item 41275) will be produced in 2018 in a once-only series exclusively for Club members. Every Insider Club member can order one of these exclusive Club models through his Märklin MHI retailer either with the enclosed order form or with his Club card. We expressly remind you that order forms are not transferable.

**Closing date for orders for the two extra Club models 2018 is August 31, 2018. Deliveries are scheduled to start at quarter 4, 2018.**

At the end of 2018, it is planned to send out personalized Certificates of Authenticity directly to those who have ordered steam locomotive 65 012.

Typical: The photo dated April 1964 by Helmut Dahlhaus shows a 65 in push-pull service – to which Silberlings (“Silver Coins”) are coupled next to the smoke stack.



→ the socket for the push-pull control on the buffer beam. “The locomotive has a white, direction-dependent light change and a red LED-rear light on the back of the bunker can also be switched on,” explains the Product Manager. “In push-pull operation, the 65s were coupled with the smokebox to the train consist.” This can be suitably arranged on layouts and in display cases with the supplementary passenger car set (item 41275), consisting of three Silberlings (“Silver Coins”), including cab control car (“Hasenkasten” (rabbit hutch)) with red and white light change. As running in about 1965, 65 012 with frame and superstructure made of weighty zinc die-casting has a total of 30 digitally switchable functions. In addition to sound and light, the “World of Operation” mfx+ decoder allows operating functions such as the built-in smoke generator kit to be controlled as well. Visually, the loco is a pleasure not only thanks to the many plug-in parts such as

pipes, grab irons and handles. For example, there are details such as the sandboxes hidden behind the side tanks, the cab is relatively low for a view through and the filigree area under the smokebox and the boiler saddle is accurately reproduced – and given the limited space for installation of the electronics and the motor, this is an outstanding design achievement.

The model belongs to the first construction batch of class 65.0 (65 001 to 65 013). Over the years, the machines were allocated to Aschaffenburg, Darmstadt, Dillenburg, Düsseldorf, Essen Hbf, Fröndenberg, Letmathe and Limburg; in particular in the biggest metropolitan area of all – the Rhine-Ruhr – the population had to be able to move around. In 1953, boiler defects were rectified in all locomotives, in the mid-1950s problems with using superheated steam for auxiliary generators were solved and the running gear optimized, after that the →

**Closing date for orders is August 31, 2018**

**39650 Class 65.0 steam locomotive**



**Model highlights**

- **Completely new tooling.**
- **Particularly finely-detailed metal design.**
- **Many separately-applied details.**
- **The cab lighting can be controlled in digital operation.**
- **Marker lights separately controllable digitally.**
- **Smoke generator is fitted as standard.**
- **Multiprotocol mfx+ decoder with “World of Operation” functions and extensive operating and sound functions.**

**Prototype:** German Federal Railroad (DB) passenger tank locomotive class 65.0. Version with surface feed-water heater, cab-roof ventilator, DB reflex glass lamps and fitted with push-pull controls. Road number 65 012. The locomotive looks as it did around 1965.

**Model:** The locomotive has an mfx+ digital decoder and extensive sound functions. It also has controlled high-efficiency propulsion with a flywheel, mounted in the boiler. Four driven axles. Traction tires. The locomotive is constructed chiefly of metal. Smoke generator kit fitted as standard. Smoke generator contact conventional in operation, digitally controllable. Triple headlights change ends with direction of travel, operate conventionally and are digitally controllable. Two red rear lights are separately digitally controllable. In addition, the cab lighting can be controlled digitally. Maintenance-free warm white and red LEDs are used for the lighting. The minimum radius for operation is 360 mm / 14-3/16". Piston rod protection tubes, brake hoses, cable for push-pull controls and sockets are enclosed. Length over buffers approx. 17.8 cm (9-1/8").

**Price\*:** 419.99 euros (459.95 CHF/499.99 USD)  
\*recommended retail price



Finale: In Limburg depot, 65 012 poses for Joachim Bügel in 1967; the locomotive's active service ended here in 1968.

### 41275 passenger car set Silberlings ("Silver Coins")



**Prototype:** Three German Federal Railroad (DB) N-type commuter cars colloquially known as Silberling ("Silver Coin"). One commuter car 1st/2nd class (AB4nb-59), road number 31 101 Wpt. One commuter car 2nd class (B4nb-59a), road number 41738 Wpt and a cab control car ("Hasenkasten" (rabbit hutch)) 2nd class with luggage compartment (BD4nf-59), road number 96 269 Wpt. Train route Oberbarmen – Remscheid Hbf. As running in summer 1965.

**Model:** The minimum radius for operation is 360 mm / 14-3/16". Underframes are specific to the types of car. Trucks with brake shoes. All cars have factory-installed LED interior lighting and are fitted with separable current-conducting couplers. Cab control car with direction-dependent light change from 3 x white to 2 x red analog and digitally functional. Headlights use maintenance-free LEDs. Trailing switch. All cars are equipped with numerous figures of the Preiser range, the cab control car also has an engineer's figure. Fall-pipes and switchman's steps are included. Total length over buffers about 85 cm / 33-1/2".

#### Model highlights

- Factory-installed LED interior lighting.
- Separable current-conducting couplers.
- Equipped with figures from the Preiser range.
- Cab control car with red and white light change.

Type  
AB4nb-59



Type  
B4nb-59a



Type  
BD4nf-59



Price\*: 299.99 euros (329.95 CHF/359.99 USD)  
\*recommended retail price

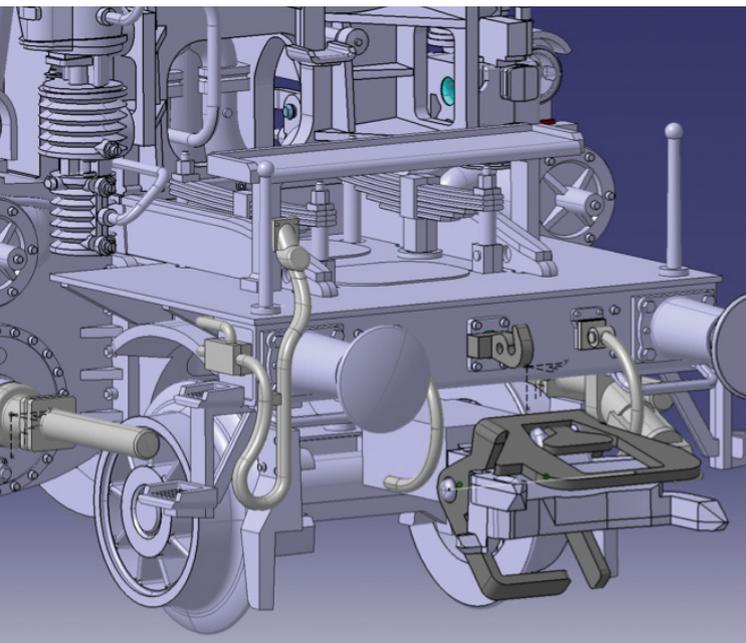


Digital functions	Control Unit	Mobile Station 2*	Central Station 1/2	CS2**/CS3
Headlights	●	●	●	●
Smoke generator	●	●	●	●
Steam loco running noise	●	●	●	●
Whistle	●	●	●	●
Direct control	●	●	●	●
Engineer's cab lighting	-	●	●	●
Front headlights off	-	●	●	●
Bell	-	●	●	●
Marker light	-	●	●	●
Brakes squealing off	-	●	●	●
Coal shoveling	-	●	●	●
Conductor's whistle	-	●	●	●
Let off steam	-	●	●	●
Switcher double-A light	-	●	●	●
Switcher whistle	-	●	●	●
World of Operation function	-	-	-	●
Switching mode	-	-	-	●
Air pump	-	-	-	●
Water pump	-	-	-	●
Injector	-	-	-	●
Sanding	-	-	-	●
Safety valve	-	-	-	●
Rocking grate	-	-	-	●
Generator sound	-	-	-	●
Wheels screeching	-	-	-	●
Top up operating supplies	-	-	-	●
Top up operating supplies	-	-	-	●
Top up operating supplies	-	-	-	●
Dialog	-	-	-	●
Railroad grade crossing	-	-	-	●

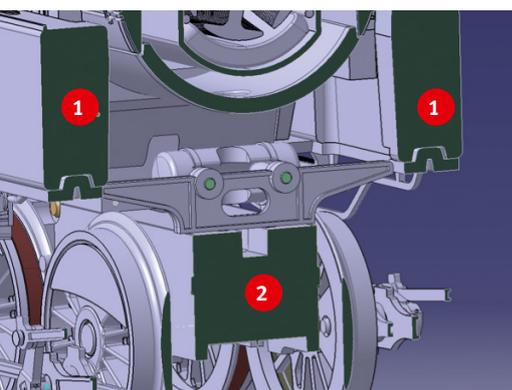
\* Mobile Station 1 (60652): Functions 1 to 9, \*\* from update 4.2



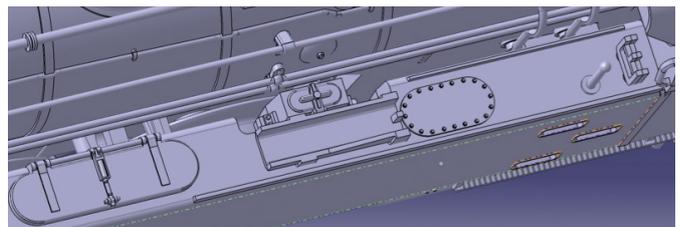
End of shift: 65 012 on the turntable in her home depot Essen. Transverse in front of the stack is the Knorr feed-water heater, with which the first delivery batch of the class 65.0 was fitted.



Meticulous: Free view through the boiler saddle, at the buffer beam the jumper (left) and the socket (right) of the push-pull controls.



Weighty: For good running characteristics and traction, as well as the metal casing, many parts of the locomotive are made of solid metal such as the water tanks (1) and the frame (2) – here sectioned in the design image.



Detail: The CAD image reveals the exact design of the water tank with tool tray and filler cap and the sandbox.

→ class 65.0 was highly reliable. From December 1955, five more machines (65 014 to 65 018) were delivered and sent to Essen depot, where 65 012 and 65 013 were already stationed. Loco 65 012 to 65 018 were all fitted with controls for push-pull operation, in which the loco engineer in the cab control car operated the brake and gave driving commands to the fireman – in reality also a qualified loco engineer – who carried out the commands from the cab control car, operated the throttle, maintained the fire and monitored the machine.

Product Manager Timo Eberle has treated the three exclusive commuter cars, with the route boards showing Oberbarmen-Remscheid Hbf., to LED-illuminated interior fittings. “For one thing, light functions play an important role in the locomotive with push-pull controls, and for another thing, it is worth looking inside the cars: There are lots of passengers in there from the Preiser range of figures. And in the ‘Hasenkasten’ (rabbit hutch), the engineer has taken his seat.”

*Text: rr; photos: Joachim Bügel/Eisenbahnstiftung, Helmut Dahlhaus, Märklin, Herbert Schambach/ Ulrich Budde collection*



Information on the exclusive Club model 39650 (loco 65 012) and the commuter car set (item 41275) can also be found online at [www.maerklin.de](http://www.maerklin.de)



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MÄRKLIN START UP CLUB: H0 ANNUAL CAR 2018

# The journey begins...

The Märklin Start up Club picks up the “Jim Button” theme world with the Annual Car 2018, which is also made for Insiders.

**Closing date for orders is August 31, 2018**

**T**he film heroes from “Jim Button and Lucas the Engine Driver” delight all generations – the adventures of the Lummer Land natives with Emma, one of the most famous toy locomotives in the world, have filled the cinemas. With the exclusive Annual Car 2018 the Start up Club enhances the pleasure – the sides of the box are adorned with a motif of Jim and Lucas on the steam locomotive Emma from the film adventure after the book of Michael Ende.

“The Start up Annual Car is an H0 refrigerated car, but railway technology is likely to be of minor importance with the atmospheric motif”, says Uwe Huber drawing attention to the printing in typical Märklin quality. “In a practical way, the car fits into the Start up theme world ‘Jim Button.’” This consists of a starter set (item 29179), freight car sets (44815 to 44818), the 3D “Lummer Land” puzzle (item 72786) and the play mat “Jim Button” (item 72217). The exclusive Annual Car 2018 can also be ordered by Insiders – Start up models are compatible with the professional models, so the Lummer Land car can also run in H0 freight trains. “Many Insiders are familiar with the 1960 story of Michael Ende – the car certainly brings back many memories,” said the Product Manager. “And children

## Notes on ordering

The Start up Annual Car (item 48617) will be produced in 2018 in a once-only series for members of the Märklin Start up Club and the Märklin Insider Club. Every Club member can order one example of the exclusive model from his Märklin MHI retailer using the enclosed order form. We stress that the order form is not transferable. Closing date for orders is August 31, 2018. Deliveries are scheduled to commence from quarter 4, 2018.

know the book and the film – the Annual Car 2018 could also make a nice present from parents or grandparents.”

*Text: CN, photos: Märklin*



Information on the Märklin Start up Club Annual Car item 48618 can also be found through the product search under [www.maerklin.de](http://www.maerklin.de), [www.maerklinfanclub.de](http://www.maerklinfanclub.de) or in the Märklin summer new products brochure.



## 48618 Märklin Start up Club Annual Car for 2018

**Model:** This is a great freight car in a design for the theme “Jim Button and Lukas the Locomotive Engineer”. The car has Relex couplers. Length over the buffers 11.5 cm / 4-1/2". DC wheel set E700580.

### Model highlights

- Year model for members of the Märklin Start up Club and for Märklin Insiders.
- The Start up Club Annual Car 2018 in the Jim Button design matches the other products from the “Jim Button” theme world.

**Price\*:** 14.99 EUR (16.95 CHF/17.99 USD)  
\*recommended selling price



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# 25 years an Insider



First Z-gauge relaxes the telecommunications engineer Rolf-Dieter Woerz after work – then he is gripped by the precision in working in 1:220 scale: The engineer builds Z-gauge exhibition and display...

**1992**

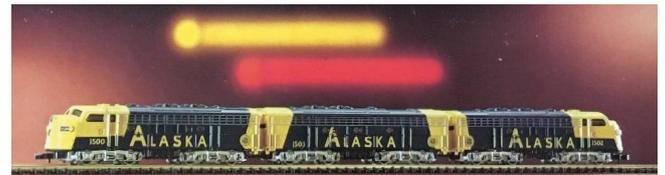
In the United States a Märklin Club was formed in 1985, in Belgium and the Netherlands in 1987, in France in 1988, and in Switzerland in 1991. "The demand for information on Märklin and its products past and present is increasing all the time", I read in 1992 in a press release published by the Märklin parent company. To do justice to this demand, "the Märklin Insider, the Club for the better informed, is to be launched". At the 10th International Model Railway exhibition in Cologne in 1992, the Märklin Insider brochure "Es ist soweit..." (Now is the time...) is distributed from the Märklin stand - it is the registration form for the Club. At the retailers for the Mini Club in a folding box there is a beautiful G 10 freight car with a bottle of real 4711 eau de Cologne - the "miracle water since 1792".



**1993**



In truth - it is time: The first copies of the Insider Club News are there with eight pages, six more editions will follow in the same year. Members receive the first Club badge and the first Insider Annual Cars in the design of "Säuglingsfürsorge" (Infant welfare). For retailers, at the 1993 toy fair in Nuremberg there is a low-sided car loaded with a steel coil in a cardboard box labeled "Märklin Blech-Replikat" (Märklin tinplate replicas) and also an attractively-printed Mini Club train to celebrate the 70th anniversary



of the American company Alaska Railroad is there, made up of two F7 diesel locomotives with an intermediate car permanently coupled by special couplers and two sets of cars. Also published is a 16-page Mini Club brochure "Einzig Bonsai-Bahn in Welt" (The world's only bonsai railroad). For the Athletics World Championships in Stuttgart, Märklin produces a Z-gauge car "Sport verbindet" (Sport unites), some copies of which are signed by various world champions and put on display.

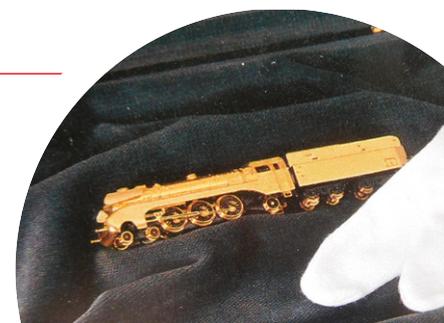
**1994**

The first Insider loco, a class 10 electric locomotive, is released and there is also an Annual Car - a two-axle barrel car with two barrels of real wood. Märklin joins up with art this year: In the Märklin Museum, the Villa Merkel in Esslingen, and the Municipal Gallery of Göppingen the exhibition "Züge Züge - Die Eisenbahn in der zeitgenössischen Kunst" (Trains trains - the railroad in contemporary art) is on show. Taking part in the exhibition are 65 artists from all over the world with approximately 100 works. Sponsors include Märklin, the DB and Alcatel SEL. For this occasion, small runs of fantastically-printed special cars in gauge 1, H0 and Z are available in the Märklin Museum, as also is a 320-page exhibitors catalog. Another 1994 highlight: A class 89 loco (item 8805) flies with American astronaut Donald Alan Thomas in the NASA space shuttle Columbia 236 times around the world.



**1997**

The Mini Club is 25 years old and to mark the occasion, an exclusive model is produced, an express train steam locomotive in solid 18-carat gold. On visiting the Insider stand at the Z Club 92-Museum in Bochum, as a small thank you a transparent two-axle Mini Club tank car with Insider logo is presented; because of the small production run, this is now a very coveted and rare collector's item.



# and convinced of Z

... layouts for Märklin, has deep roots in the Z-gauge community and of course has been an Insider right from the start. His brief chronology of 25 years as an Insider.



2003

At the Nuremberg Toy Fair, for Märklin dealers there is a silver class 101 electric loco in a wooden box bearing the lettering "1993 Märklin 2003 - Insider - 10 Jahre Infos aus erster Hand" (1993 Märklin 2003 - Insider - 10 years of first-hand info). For the 10th anniversary, the "ten-year" Insiders can purchase a freight car with the lettering 'HAPPY BIRTHDAY', whose cardboard box plays "Happy Birthday" with a built-in sound module. In 2003 the Mini Cub is honored at the Kunsthalle Tübingen at the legendary exhibition "Dem Spiel auf der Spur. Mythos Modelleisenbahn. Die Geschichte des Hauses Märklin von 1859 bis heute" (On the track of the game - the model railroad legend. The story of the House of Märklin from 1859 to today.)



## Z - curriculum vitae Rolf-Dieter Woerz

Right from childhood, I was a Märklin H0 enthusiast and put much of the pocket money I saved in my hobby. What was pure play, was relaxing in addition: As responsible communications engineer of a large communications company, I was often under stress but in the evening I could well compensate for it with the model railroad. My wife noted that and when my son was born in 1972, she didn't try to talk me out of my hobby, but gave me my first Z loco, 89 006 with embossed plate: "So you're not always in the basement with H0." That's how I came to join the Mini Club - the relaxation therapy was enhanced for me by the fascination of the precision needed in the gauge: If you build in Z, you can't cut corners. In the 1980s, I built several Z-gauge exhibition layouts for Märklin and in 1993 a layout with high-speed lines for the Swiss Transport Museum in Lucerne, for which I made hundreds of concrete sleepers and aged 1,400 rail spikes. I had been following Club formations abroad closely. When in 1992 the Insider Club was announced at the IMA Cologne, I joined immediately, because here information was being offered and that's what we were always looking for. You must remember that at that time the development of commercial Internet was still in its infancy. Another thing is that I always had a soft spot for special models - which of course also meant the Insider models. Whoever commits themselves to Z-gauge will meet an extraordinary, enterprising and creative community - whether it's at Z-gauge round table in Stuttgart, the MEC Esslingen or the Z-weekend in Altenbeken run by the Z-Freunde International.

Text: Rolf-Dieter Woerz; photos: Kötzle, Rolf-Dieter Woerz

2008



15-years of the Insider Club: To mark the occasion, the DB's beautiful daytime articulated train, the VT 10.5 "Senator" is the exclusive Insider model. The Insider car is a two-axle flat car for containers belonging to the Knorr company and the 15-year Insider members celebrate with a two-axle container car with two removable 20-foot containers lettered "Insider" and "15 Jahre Märklin Insider 1993-2008" (15 years Märklin Insider 1993-2008)



2013



In 2012, the Mini Club is 40 years old and in the following year, the Insider Club celebrates its 20th anniversary. For this, a prime Insider model is produced - the whole "Blauer Enzian" (blue gentian) long-distance express train with five passenger cars including cupola car and a V 200 as motive power. The 20-year Insiders are given free admission to the 9th Märklin Days with the bracelet "20 years Insider", a small snack and a club voucher for shopping at the MHI retailer.

A detailed chronology of the Z-gauge story will be found as a download in the Club area.

FLORIAN SIEBER, MANAGING PARTNER MÄRKLIN

# “We listen closely to our Club members”

Florian Sieber appreciates the lively exchange between Märklin and the Club members. That’s why 25 years of Insider Club for the Märklin Managing Director is also a good reason to be proud.



**In 2018, the Märklin Insider Club celebrates its 25th anniversary. What role does the Club play for the Märklin concern?**

**Florian Sieber:** We are simply proud to be the only brand in the model railroad sector to maintain such close contact with so

many professional model railroaders through the Club – it was an outstanding idea 25 years ago to build up such a great institution. The Club has established itself as a platform for fruitful communication, because we not only want to inform the members, but we also want to receive evaluations and hear wishes expressed. A current example is the tank loco 65 012 with push-pull controls as the second H0 Club model 2018, which was close to the top of the club members’ rankings.

**How enthusiastic does Märklin find the Club members?**

**Florian Sieber:** Whether we do surveys or invite to activities, the participation of members is always outstanding. This communication is important and helpful for us. We are not concerned with making big profits with the Club – we have been keeping the membership fee stable for years, although on our side the costs for postage and paper prices are rising. The Club is a platform for communication – and we listen very closely to it.

**With great regularity Club models receive awards in reader’s polls. How important are the Club models in the range?**

**Florian Sieber:** In the company, we focus very closely on the Club models. On the development side, the best designers for the type of traction concerned are always involved with the flagship models, with which we always set new standards in terms of detailing, functional diversity and technology in general. As we develop an innovative technology that is ready for series production, we use it first and foremost in a Club model to signal our appreciation to Club members. A current example is the Telex coupling from a shape memory alloy on the switcher crocodile 14282. The members appreciate such gestures and also the fact that we

manufacture Club models from A to Z in Germany and final assembly takes place in Göppingen.

**Is a Club model for the specialist departments a model like any other?**

**Florian Sieber:** The whole organization works with great concentration on the exclusive models. Last but not least, they are also treated with priority on the date-line rail. This goes so far that, for example, the departments ensured that members met the two 2017 H0 Club models, 103 243-2 and 75 1102, on the IMA/Märklin Days in the production department during the factory tour. We also like to show what has turned out well.

**And why has the Z Club model 80 032 not yet reached its customers yet?**

**Florian Sieber:** We wanted to use a new technology in the Z-gauge Club model 2016, namely the ‘broken mold’ fine casting process, well established in the jewelry industry, in which 3D printing also plays a role. But our requirements go far beyond the standard, with the result that we do not yet have a 100 percent control over the process with its many parameters. And only then will we deliver the model, which must satisfy our quality requirements. This is the risk we take when we use an innovation or a technology as a premiere for Club members.

**Half-time in the model year 2018. How do you evaluate progress so far?**

**Florian Sieber:** Positively, because we started 2018 with a balanced and very wide range, with several outstanding models in all track gauges. In the first place are the H0 Club models. The type Ce 6/8 II switcher crocodile 14282 is unique to Märklin as a crocodile variant, including the headlights integrated in the switchman’s protection panels, the lifting

and lowering pantograph and the Telex coupler. Equally exciting is the redesigned 65 012 for local traffic, where for the first time Märklin has realized push-pull controls in a tank loco – physically with separately-applied parts and technically with the red rear light which can also be switched in. →



**“The Club is not there to make a profit, but to be a platform to promote communication.”**





Märklinists and Märklin bosses: Märklin Managing Directors Florian Sieber (4th from left) and Wolfrad Bächle (2nd from right) line up at the photo shoot with Greek Märklin followers and Club members.

**Is it possible to deduce something from such developments about the general Märklin strategy?**

**Florian Sieber:** First of all, with play functions we increase the playability of a model and enrich the running experience on a layout. We analyze the demand for models very precisely – and machines with high play value are very much sought-after by model railroaders. At the same time we are getting further away from older models due to technical progress and last but not least our digitally switchable “World of Operation” decoder features fascinate tomorrow’s model railroaders with the running experience. The play value has become immensely important in recent years, which is why this trend is reflected in our entire range.

**Where do you particularly emphasize this play value?**

**Florian Sieber:** In the H0 range, I would pick the DB’s Ardel type steam crane. The crane car is a new tooling made mainly of metal and thanks to mfx+ decoder is a high-quality electronic model, which also shows off with mechanical functions such as the rotating upper body and controllable boom as well as the main hook. The highlights include 50 3045 with a tub-style tender, which is a rare combination, with 27 digital functions – a typical H0 Club model, in this case a unique anniversary model for the Silver Jubilee of the Insider Club. At LGB we are producing a mechanically-driven snowblower train that provides running enjoyment through functional diversity and mechatronics. I hope that we will also meet the taste of the members with the Z-gauge counterpart for the anniversary year, 01 146. But we will already know that, after all, 2018 offers many opportunities for intensive exchange, for example on the exclusive Club trips, at exhibitions and the Open Days at Győr and Göppingen.

**What role does the Hungarian Märklin plant in Győr play?**

**Florian Sieber:** Our Märklin Hungaria factory also celebrates its 25th anniversary in 2018, which is why we are organizing an Open Day there for the first time for Club members and retailers. Over the last few years we have invested heavily in build-



Pleased to be there: Florian Sieber with young railfans at the Märklin Days in Göppingen in front of the Rottweil-based 01 519, to the renovation of which Märklin contributed significantly.

ings and new machines – as we have in the technical sector generally. Since the takeover, we have also renewed, expanded and modernized the machinery park in Göppingen. We have brought high-investment technologies into the works, such as 3-D printing, digital color printing and laser systems for the creation of printing plates. Furthermore, the plastic injection molding was renovated and a new blacking plant was set up in Göppingen. So the members can see a lot of new things at the Open Days. This applies particularly to September 14 & 15 in Göppingen – the Open Days will attract many curious people because of the partial opening of the “märklineum” and the new symbol, the ten-coupled class 44 standard type steam freight locomotive. We will transport 44 1315 in a spectacular action on a low-loader truck from the South German Railway Museum Heilbronn (Süddeutsches Eisenbahnmuseum) to the main factory, where it will stand in the central courtyard as an eye-catcher. We are therefore investing not only in production technology, but also in information technology and, as the biggest item of all, in the märklineum. The new museum will give the value and tradition of the Märklin brand the prestige of which it is worthy.



“We invest in digital logistics, service and repair operations for the benefit of customers and retailers.”



Laying the foundation stone: Construction of the “märklineum” and integration of the new museum with “World of Adventure” into the listed main factory buildings required investment running into tens of millions. All this creates a pilgrimage site for Märklin followers, model railroaders and families.

Next installment of the interview with Florian Sieber about the model railway industry, the model railroaders of tomorrow and the “märklineum” will appear in issue 04/2018.

**You mentioned the information technology. What is digitized at Märklin?**

**Florian Sieber:** In logistics, we have moved to a pick-by-voice system – the employee in the warehouse communicates with the picking systems through speech and is directed to the shelf space via voice output, which speeds up the storage process. We are also investing in a physical and digital redesign of our service and repair area. By restructuring, the processes are more efficiently coordinated and in the medium term the implementation of a corresponding software system with connection to the leading business process software SAP will be carried out. Not only does a lot of money flow into the changeover, but also into training and the start-up phase. In the end, the model railroaders and the retailers will benefit. For example, in the repair area, we strive for faster execution and more transparent handling – the customer will know where his order is, who is working on it, and how long it will take, also he has all the important information such as invoice and cost estimate bundled in view. We expect the IT projects to be completed in 2019. You see, we are also working intensively behind the scenes in the Club’s jubilee year.

**While we are at the stage of looking forwards, how do you think the club is likely to develop?**

**Florian Sieber:** The aim and hope is for the Club to continue to grow and achieve even closer contact between Märklin and its members. We will adjust our method of communication



Young peoples’ and youth work: The “Jim Button” theme world, initiated by Florian Sieber, is an emotional enhancement for the model railroad.

slightly – information will flow more readily in digital form in both directions. Whether digital or analog, the main thing is that we can intensify this valued exchange of ideas with our Club members.

*Text: pw/rr  
Photos: Claus Dick, Kötzle, pw*



Information about the Club Silver Jubilee year is found at [www.maerklin.de/25yearsclub](http://www.maerklin.de/25yearsclub)

# Model railroad in a time of digital change

All the round table representatives who met in Göppingen (see Insider 06/2017) are convinced of the enormous advantages of digital running. But they also have ideas on how the success of the digital model railroad can be further enhanced.

**T**he trend to digitization offers opportunities to the model railroad. Holger Schmidt of MIST 67 for example transposes the idea of the Internet of Things to the model railroad. "Imagine every piece of track has an Internet address, then I put them together and get a track diagram immediately and automatically." The rental approach of Cloud Computing, where the Internet can supply resources as needed, also offers starting points: "In order to lower the bar for entry, the control unit could be a simple box and I rent the software for a small monthly subscription over the Internet.

In this pricing model, the cost of the hobby on my bank statements would not be so obvious to my wife." As far as today's digital functions of models



**"Trains running on the layout at the retailer's - that's the best advertisement for the model railroad."**

Martin Meese, DoIT (Dortmund)

are concerned, there is a kaleidoscopic picture. Holger Schmidt is well aware of differences of opinion about sound in the Rhine-Neckar Round Table. "Take the example of the 'Disco car' - one person finds the sound effect great, another will play it just once and that's that. So if installing gimmicks in a model is a powerful cost-driver, they can be left out of it." But diversity of opinion is typical of the model railroad fraternity. "We have members whose layouts are nothing but technology, the only concession they make is to paint the baseboard green. Then others lay just three feet or so of track on ten square meters (107 square feet). But the landscape is spot on down to the last blade of grass."

Martin Meese packs his essentials in a Märklin model into three short sentences: "It must look good; it must run well; there must be spare parts available if necessary." That is why the founder of Dortmund's round table DoIT considers many digital effects that are not required for running as "gimmicks", which are only switched on once out of curiosity. For him, this category includes many station announcements and operating noises which don't sound realistic. "It's nice that there is sound in the locomotives, but you shouldn't overdo it." Positive



**"Today, retailers can hardly find affordable space in downtown locations."**

Thomas Platz, MIST 1 (Berlin)

Guido Wettemann, MIST 7

Michael Kappel, Mucis Munich

Holger Schmidt, MIST 67

Martin Meese, DoIT Dortmund

Gerd Uwe Schöne, MIST 21

Martin Silz, MIST 4

Frank Hofmann, MIST 72

Thomas Platz, MIST 1

Ideas for the digital model railroad: In a round of talks at the IMA/Märklin Days 2017, members of Insider round tables discussed the digitization trend: Part 1 (Insider 06/2017) was about experiences in the round tables, in part 2 it is about the potential.



**“Information about the digital model railroad must be understandable and easy to find on the Internet.”**

Guido Wettemann, MIST 7 (Stuttgart)

the mass market. Innovations are great, but perhaps not for the majority of model railroaders.”

In any case, digitalization makes the

model railroad more interesting – specially for the next generation. “The best argument for the model railroad is action on the model layout,” postulates Martin Meese of the DoIT the persuasive power of the experience. “I built three layouts for a dealer and they set them up in the shop window – the children flattened their noses against it because something was happening. This works for adults too – the dealer sold all the layouts.” Thomas Platz from MIST 1 Berlin accepts that this is an attraction, but reminds us that retailers today can seldom find affordable space in downtown locations – “and at department store presentations there is a lack of competent advice.” For Martin Silz from round table MIST 4 Ruhrpott, it’s not only retailers and the relevant trade fairs and exhibitions which can provide the communication. “That’s why layouts also belong in appropriate technical museums. And in railway museums, in the autumn, the model railroad season could be started off with events which bring the real thing and models together.”



**“If every piece of track had an Internet address, the track diagram would be generated automatically.”**

Holger Schmidt, MIST 67 (Rhine-Neckar)

developments are, for example, the moving engineer or the pantographs you can raise and lower, which are ideal for locomotives in push-pull service.

Michael Kappel from the Munich Insider Round Table (Mucis) finds the idea of forward-looking maintenance rather striking: “If the maintenance cycles of a locomotive are programmed, it could be shown after a certain operating time that, for example, the locomotive needs oiling – we know that from the car.” In addition, digital technology can be adapted to suit your requirements. “The locomotive has a digital decoder and if you want to, you just buy sound and install it.” For DoIT director Martin Meese, this would also be an answer for the views of the engineer’s position: “When you start your steam locomotive, it’s a great function to check the supply of operating resources. But I don’t need that for every locomotive – nor the landscape fading in on the CS3 display during the trip.” This is exactly where MIST 67 member Holger Schmidt puts his idea forward to offer a cab control car with a camera: “The picture is transferred to the smartphone, which serves as a display of virtual reality glasses and transmits the ride – alternatively the moving image goes into the CS3 display.” For Guido Wettemann from MIST 7 Stuttgart, the digital model railroad world is exciting and “a step into a completely different universe”. The question, however, is “whether the technically feasible is also suitable for



**“Layouts also belong in technical museums – events could bring together prototypes and models.”**

Martin Silz, MIST 4 Ruhrpott (Mülheim)

Holger Schmidt of MIST 67 would like to supplement the digital info days at the retailers during the week with individual supraregional events, “which bring out the advantages of digital, the diversity of the hobby and the pleasure obtained from the model railroad.” Close to the weekend after the summer holidays – and, please, make it an event for the whole family. The arousal of enthusiasm for the digital model railroad is only the first step. “It is necessary to provide advice, because whoever digitizes his layout soon realizes he has a lot to read before everything works 100 %.” MIST 7 member Guido Wettemann agrees: “Those who are new to the subject need information – understandable information and not purely technical instructions. It is also an opportunity for the manufacturer whose information can be found on the Internet quickly. Another lesson from the world of social media is that recommendations from personal experience are a great influence on the decisions of others. This opens up a broad field to advice.”

*Text: pw/rr; photos: Kötzle, Märklin*

**“What if the maintenance cycles of a locomotive are programmed? Forward-looking maintenance as with your car.”**

Michael Kappel, Munich’s Insider round table (Mucis)



Digital control: The digital model railroad has become standard – if Märklin offers analog and digital versions of a loco, it’s the digital version which is the runner.



**NEW: All Märklin Seminars in the second half of 2018 will be held at the Märklin factory.**

# Know-how

Märklin seminars on layout planning, loco assembly, decoder installation as well as switching and controlling with the Central Station – this is on the agenda in the second half of 2018. Only a limited number of places are on offer

for each course as each participant receives intensive personal tuition. Reduced charges for participation apply for Club members. You will find the seminar program for the first half of 2018 in Club News issue 01/2018.

## SECOND HALF OF 2018

### Venue for all seminars:

Göppingen  
Geb. Märklin & Cie. GmbH  
Stuttgarter Straße 55–57,  
73033 Göppingen, Germany  
**Meeting place: At the gate**

### Hotel reservation:

Hotel Restaurant Hohenstaufen  
Freihofstraße 64–66  
73033 Göppingen, Germany  
Telephone: +49 (0) 71 61/6 70-0  
www.hotel-hohenstaufen.de

### Registration for all seminars in writing only please:

- **by post:** Gebr. Märklin & Cie. GmbH, Stuttgarter Straße 55–57, 73033 Göppingen, Germany
- **by fax:** +49 (0) 71 61/6 08-143
- **by e-mail:** training@maerklin.de – or online at www.maerklin.de (“Service/Seminare” (Service/Seminars))

Telephone enquiries on +49 (0) 71 61/608-2 22. You will find our conditions of registration and participation on the Märklin homepage; no separate seminar brochure is available.

**Note:** Please only reserve the nominated hotel by using the telephone number quoted here.

All seminars are held in German.



The seminar program for the entire year 2018 can be found at [www.maerklin.de](http://www.maerklin.de) (“Service/Seminare” (Service/Seminars)).

## OPERATING A LAYOUT USING CENTRAL STATION 2/CENTRAL STATION 3 (2 DAYS)

### Seminar content:

- Principles of the Central Station system: Connections and operating the control panel.
- Operating and programming locomotives (mfx and Motorola).
- Setting up a shuttle train control using contact tracks.
- Setting up and switching turnouts and signals.
- Setting up track diagrams for the layout.
- Setting up routes.
- Incorporating the Central Station in existing layouts.
- Connecting additional units to the Central Station (e.g. a Mobile Station).
- Mobile running and control possibilities using iPhone and iPad apps.

**Aim of the seminar:** To acquire knowledge on designing a layout with the Central Station or converting an already existing layout.

**Miscellaneous:** Each participant will receive an exclusive seminar special car (H0) on the theme of Märklin Digital.

### Duration and cost of the training courses:

2 days: Both 8.45 am – approx. 4.30 pm, 269.– euros for Insiders, otherwise 299.– euros



### Layout operation using Central Station 3

Date	Seminar No.	Seminar leader
Th./Fr. August 09/10, 2018	618143 e	Rüdiger Haller

### Layout operation using Central Station 2

Date	Seminar No.	Seminar leader
Tue./Wed. August 14/15, 2018	618140 b	Rüdiger Haller

## 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 installation of a class 94.5 steam tank locomotive (item 37168) and the class 50 freight steam locomotive (item 37836) with cabin tender.

**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.

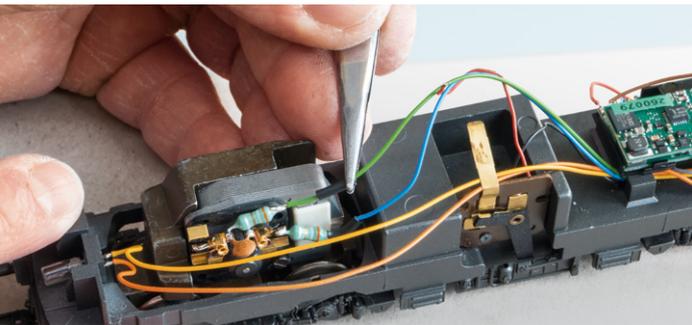
### Duration and cost of the training courses:

2 days: Each 8:45 am – approx. 4.30 pm, 699.– euros for Insiders, otherwise 729.– euros. Seminar fees cover the cost of the locomotives, and they become the respective participant’s property.

Date	Seminar No.	Seminar leader
Th./Fr. November 29/30, 2018	618170 a	Rüdiger Haller
Th./Fr. December 06/07, 2018	618170 b	Rüdiger Haller
Th./Fr. December 13/14, 2018	618170 c	Rüdiger Haller
Tue./Wed. December 18/19, 2018	618170 d	Rüdiger Haller



## H0: DECODER INSTALLATION, CURRENT VERSION mLD3 (2 DAYS)



With professional guidance, installing a Märklin loco decoder is not rocket science.

Date	Seminar No.	Seminar leader
Th./Fr. October 25/26, 2018	618110 c	Rüdiger Haller
Wed./Th. November 21/22, 2018	618110 d	Rüdiger Haller

### Seminar content:

- The training is suitable for participants who want to upgrade analog and digital H0 locomotives to the latest state of the art technology with mfx decoders.
- Refresher course on soldering with little practice pieces.
- All you need to know about the latest decoder generation.
- Two Märklin locomotives will be retrofitted.

### Conditions:

- Soldering ability is essential.
- The Märklin locomotives you bring must be in very good condition (other makes will not be considered).
- When registering for the seminar, be sure to give the locomotives which are to be retrofitted (please give several locos for a choice, and bring these all to the seminar).

**Aim of the seminar:** To acquire knowledge on how to convert Märklin locomotives

### Duration and cost of the training courses:

2 days: 8.45 am – approx. 4.30 pm, 509.– euros for Insiders, otherwise 539.– euros

## H0: SERVICE AND INSPECTION (2 DAYS)



Date	Seminar No.	Seminar leader
Th./Fr. September 27/28, 2018	618100 c	Rüdiger Haller

### 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: Both 8:45 am – approx. 4:30 pm, 269.– euros for Insiders, otherwise 299.– euros

### 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.
- Checking and maintaining a class 218 loco.
- Stripping down a class 218 loco, explanation of its components, reassembly of the loco.
- Checking and maintaining a class 74 loco.
- Stripping down a class 74 loco, explanation of its components, reassembly of the loco.
- Conversion of Märklin loco to digital operation with high performance motor and latest decoder generation (theory only, will not include practical work).
- Fault-finding made easy with doctored locomotives using the knowledge gained on this course.

**Aim of the seminar:** This seminar is ideal for getting to know how best to care for and maintain your older locos, and how to carry out minor repairs yourself.

## H0: LAYOUT PLANNING AND BUILDING PREPARATION (TWO-DAY)

Page 1



Date	Seminar No.	Seminar leader
Th./Fr. August 02/03, 2018	618120 c	Rüdiger Haller

**Aim of the seminar:** Theoretical basis for proper construction using the necessary components (analog and digital) of a model railroad layout.

**Miscellaneous:** Each participant receives an exclusive special seminar car on the subject of layout planning and construction preparation – loaded with a combination eraser and pencil sharpener.

### Duration and cost of the training courses:

2 days: Both 8.45 am – approx. 4.30 pm, 269.– euros for Insiders, otherwise 299.– euros

### Seminar content:

- Track geometry for K and C track; track planning, for example arranging the track in station or yard areas, including staging yards.
- Creating inclines on the layout, theoretical construction of a track spiral taking into account parameters such as grade and minimum curve radius.
- Reason for, and installation of an electrical ring bus, useful aids for electrical wiring (a selection).
- The different properties of switching contacts (circuit track, reed contact, contact track), correct placement of switching contacts.
- Checking solenoid items (signal and turnout motor) on uninstalled examples (practical exercises).
- A short soldering course with realistic practice (soldering on various tracks).
- Installation notes and function of the signal module 72441 for controlled stopping of high-performance digital motors.
- Assessing the electric current requirement for a layout and determining the number of transformers/boosters required, for which sample calculations will be made.
- Jointly working out the conditions in which a layout can best be fitted into a room; joint planning of a model railroad layout to occupy the maximum area in a previously-defined room plan.

# Promotional models April/May 2018

## 4415.643 "Fuglsang"

HO

Tog & TEKNO, Brostræde 4, DK-3000 Helsingør, Denmark, tel + 45 (0) 98 12/04 11, postmaster@togogtekno.dk, www.togogtekno.dk



## 4415.644 "Wiibroen"

HO

Tog & TEKNO, Brostræde 4, DK-3000 Helsingør, Denmark, tel + 45 (0) 98 12/04 11, postmaster@togogtekno.dk, www.togogtekno.dk



## 94506 "Spoorwegmuseum"

HO

Het Spoorwegmuseum, Maliebaanstation 16, 3581 XW Utrecht, The Netherlands, tel. +31 (0) 30/2 30 62 06, info@spoorwegmuseum.nl, www.spoorwegmuseum.nl



## 4415.645 "Landesgartenschau Lahr 2018"

HO

Haupt-Bucherer, Inh. Christa Metzger, Marktstrasse 7, 77933 Lahr, Germany tel. + 49 (0) 78 21/2 26 25, haupt-bucherer.lahr@vedes.de



## 94505 "Hofbräu München"

HO

Märklin Flagship Store, Bahnhofplatz 7 (in Karstadt), 80335 Munich, Germany, tel. +49 (0) 89/24 20 66 36, epost@maerklin-store-muenchen.com, www.maerklin-store-muenchen.com



## 98149 "Hofbräu München"

Z

Märklin Flagship Store, Bahnhofplatz 7 (in Karstadt), 80335 Munich, Germany, tel. +49 (0) 89/24 20 66 36, epost@maerklin-store-muenchen.com, www.maerklin-store-muenchen.com



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Request without obligation: Our brochure contains much information on designing and ordering your promotional model.



# Digital info days



## Germany

Venue	Retailers	Address	Time*	Date
01277 Dresden	Modellbahn Peter	Schlüterstraße 28	10.00 am – 18.00 pm	July 04, 2018
09661 Hainichen	Chemnitzer Modellbahnshop	Mittweidaer Straße 6	10.00 am – 18.00 pm	July 03, 2018
44787 Bochum	Spielzeug-Paradies Wagner	Dr.-Ruer-Platz 6	10.00 am – 18.00 pm	June 05, 2018
48231 Warendorf	Kieskemper	Everswinkeler Straße 8	10.00 am – 18.00 pm	June 06, 2018
65719 Hofheim im Taunus	Bieger Spielwaren	Bahnstraße 22	10.00 am – 18.00 pm	July 24, 2018
66802 Überherrn	Modellbahn Store Criscenzo	Comeniusstraße 15	10.00 am – 18.00 pm	June 08, 2018
70794 Filderstadt	Eisenbahn-Modellbau Stoll	Bernhäuser Hauptstraße 32	10.00 am – 18.00 pm	June 21, 2018
71159 Mötzingen	Modellbahnshop Luginsland	Zeppelinstraße 16	10.00 am – 18.00 pm	July 05, 2018
76229 Karlsruhe	Lokshop GmbH Grötzingen	Schultheiß-Kiefer-Straße 10	10.00 am – 18.00 pm	July 12, 2018
79576 Weil am Rhein	Modelleisenbahn Ehni	Hauptstraße 154	10.00 am – 18.00 pm	July 13, 2018
79664 Wehr	Antikhof	Im Dörfle 6	10.00 am – 18.00 pm	August 01, 2018
83352 Altenmarkt a. Alz	Modelleisenbahnen Brigitte Maier	Hauptstraße 27	10.00 am – 18.00 pm	June 28, 2018
84307 Eggenfelden	Roland Steckermaier Modellbahnen von A bis Z	Landshuter Straße 16	10.00 am – 18.00 pm	June 29, 2018
87700 Memmingen	Modellbahn-Fundgrube Buck	Schmelzgässle 3	10.00 am – 18.00 pm	July 04, 2018
91788 Pappenheim	Modellbahn Dengler GmbH & Co. KG	Beckstraße 3	10.00 am – 18.00 pm	June 26, 2018
93333 Neustadt a. d. Donau	modellbahn-neustadt märklin store	Herzog-Ludwig-Straße 27	10.00 am – 18.00 pm	July 06, 2018



## Austria

Venue	Retailers	Address	Time*	Date
6020 Innsbruck	Modellbahn Rainer	Rudolf-Greinz-Straße 1	10.00 am – 18.00 pm	June 22, 2018
6850 Dornbirn	Modellbahn Kaufmann	Bahnhofstraße 19	10.00 am – 18.00 pm	June 21, 2018

\* Ask your Märklin dealer directly whether they break for lunch.  
Please register for the info days with the retailer sponsoring the event at least a week in advance.

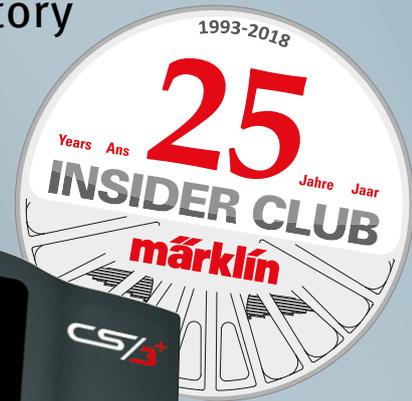


Visitors can see the Märklin test layout (pictured below) live in action at the Open Days in Göppingen in September.



# Insiders recruit Insiders

25 years of the Märklin Insider Club – a success story you have helped write and can help to continue writing: Attractive premiums are waiting for all members who recruit a new member. And in addition, you now have the chance to win a CS3.\*



\* All participants will be entered in a draw for the CS3. The prize (item 60226) cannot be paid out in cash. There is no right of appeal.



**Great special campaign for the Club anniversary: Central Station 3 to be won\***

**Online or download**  
 There are two methods of registration.  
**First:** You download the form to be completed as a PDF file under [www.maerklin.de](http://www.maerklin.de) in the Club area (see "Downloads").  
**Second:** The interested party registers online under [www.maerklin.de/Clubs](http://www.maerklin.de/Clubs).  
**Important:** The registration code is MWM\_MA. 18

And participants will win one of these prizes in any case:

## PREMIUM 1

### Exclusive H0 special car

- Exclusively produced special car in H0, uniquely printed to commemorate the 200th anniversary of the birth of Theodor Friedrich Wilhelm Märklin
- Only for those taking part in this campaign



## PREMIUM 2

### Exclusive Z-gauge special car

- Exclusively produced special car in Z-gauge, printed with historical motifs
- Only for those taking part in this campaign



## PREMIUM 3

### Voucher

- A voucher to the value of 30 euros (35 CHF, 40 USD), to be redeemed at your MHI retailer
- The voucher is not subject to a minimum purchase



Join in now – to register, go to [www.maerklin.de/Clubs](http://www.maerklin.de/Clubs)

Good to know: You will receive your selected bonus as soon as the membership fee of the referral has been received by us. Self-recruitment is prohibited and only those who were not members of the Märklin Insider Club in the last year can be recruited.