

FOR CLUB MEMBERS ONLY



CLUB
MAGAZINE
01 2016

märklin
START UP CLUB



**NEW
WEBSITE**

P 10

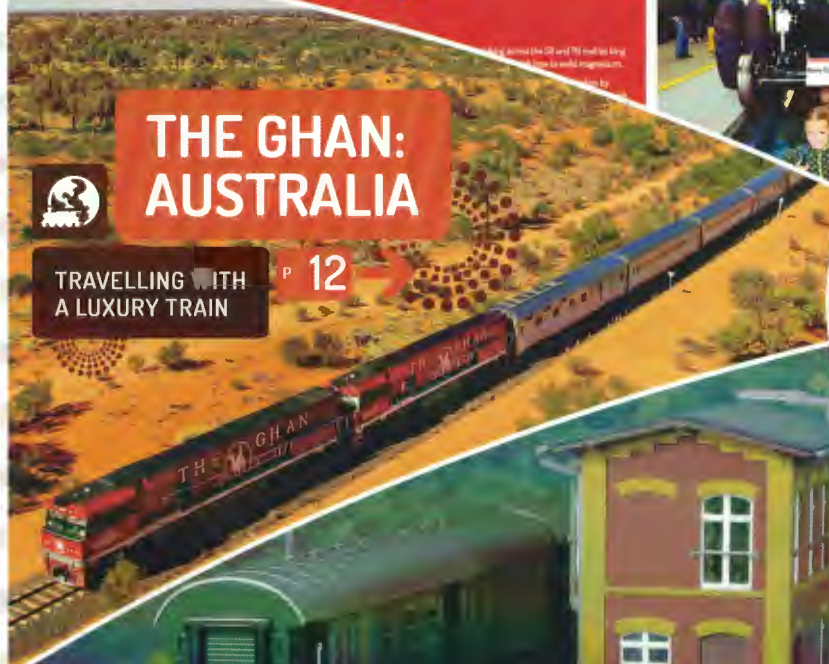


THE GHAN: AUSTRALIA

**THE GHAN:
AUSTRALIA**

TRAVELLING WITH
A LUXURY TRAIN

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REFRIGERATOR
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Layout
included!



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DEAR CLUBMEMBER

CLUB
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Welcome to the year 2016. I hope you started well into the new year.

Like every new year, everyone has many good intentions. Mine is to keep on entertaining you with Märklin as much as possible. This of course comprises at first the Märklin novelties 2016 featured in this magazine. You must be very eager to know them. You will learn everything of significance here.

Furthermore, this issue features jokes, puzzles, layout building, adventure reports and much more.

We will also look back to the year 2015. You and all other Märklin Start up Members have chosen the Märklin Star 2015. You want to know the winner ?

This issue also contains exciting railway stories and much variety.

Of course, I will experience a new adventure which you can find on the pages 14 and 15.

I wish you a lot of fun reading this magazine.

Yours
Tim Tender!



märklin
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CLUB
MAGAZINE
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NEWS & DATES



Here you can see now, when the next model railway exhibitions with Märklin will take place. A visit is always worth it and Märklin will be glad about it.



MÄRKLIN EXHIBITIONS

International trade fair for model railways, specials & accessories – Messe Sinsheim
04.03. – 06.03.2016

www.faszination-modellbahn.com

Intermodellbau Dortmund

20.04.2016 – 24.04.2016

www.intermodellbau.de

DISCOUNTS FOR MEMBERS



DON'T FORGET: DISCOUNTS FOR CLUB MEMBERS!

On the website in the club section you will find a great number of museums and other partners who will grant you a reduced admission fee if you show your club card at the desk. You will find the partners near you in a special overview. The prices given are of course only for children and students.

Do you already receive the Märklin Start up newsletter? No? Then subscribe to it today! You only have to visit the website of the Märklin Start up Club and set a check mark next to "Newsletter" in your profile. After that you will receive the monthly newsletter in your e-mail inbox. A lot of news, dates, funny jokes and great competitions with even greater wins await you.

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START UP NEWSLETTER





LAUGH WITH TIM TENDER



"This is totally mean! At home I am the youngest of six siblings. My parents always give me all the worn out clothes of the others."

"Well, there is even worse."

"No way, it is terrible, I am the only boy!"

*I want your
favorite jokes!*

A cow is shaking heavily.

The other cow asks: "Why are you shaking so much?" "Well, it's the farmer's birthday and I am preparing the whipped cream for the cake".

Two frogs are at the banks as rain clouds appeared. The young frog says: "Let's go into the pond before we get wet."

Tim particularly likes jokes. Do you want to read your favourite joke in the Start up magazine? Then, just send it to the e-mail address kids-win@maerklinfanclub.de with the keyword "Joke". Good luck!



THE NEW MÄRKLIN MUSEUM WAGON 2016



This is what the great Märklin museum wagon 2016 looks like.



As in previous years, it is a tradition to present the new museum wagon for the next year shortly before Christmas. So, that was also the case on 18 December 2015. The wagon was presented with a beautiful celebration. A company from the Göppingen region was serving as the model. It is Zeller+Gmelin GmbH & Co KG, a specialist for lubricants, industrial chemistry, colours and lacquers from Eisingen/Fils.

The wagon is packaged in an oil barrel, the packaging also features a fuel track for transporting refined products.



THE MÄRKLIN START UP NOVELTIES 2016

STARTER PACK "CONTAINER TRAIN"

This is the starter pack of the year (item no. 29452). It contains a diesel shunting locomotive of the type Henschel 700, 3 container wagons with different containers and of course everything a starter pack needs. Thus the remote control and quite a lot of C-tracks. The locomotive additionally features a mfx decoder.



Wagon set "Container shipment" (Item no. 44452).

CONTAINER CARRYING WAGON

You can ship even more containers with the container carrying wagon (item no. 44700) which already comes with two 20 ft containers. The cool thing about the containers is that they not only are detachable and stackable but they can also be opened for loading. This is what we call fun!

At Märklin the new year always starts in a very particular way. At the Nuremberg toy fair all novelties shipped in the course of the year are introduced. This is always something very special. All journalists, dealers and fans of Märklin can hardly wait to see the really fascinating variety. Now, you have the possibility to cast a first glance at the Märklin Start up novelties. Raise the curtain:

Since in 2015, the major topic was the fire brigade, in 2016 it will be the topic of container logistics. This means transporting goods on rails. Here you can immerse yourself in an exciting and varied world using a starter pack and quite a lot of extras.



Starter pack "Container train" (item no. 29452).

WAGON SET "CONTAINER SHIPMENT"

In line with that, there is a great wagon set (item no. 44452). It contains a manually operated mobile crane with the matching barrier wagon. Then, there also is a container wagon.



Container carrying wagon (item no. 44700).

NEW



Container terminal (item no. 72452).

CONTAINER TERMINAL

In order to be able to load all the containers, there now is a container terminal (item no. 72452). The containers can be lifted and turned with the help of a lifting device — a so-called crane trolley.



Topical extension pack "Container logistics" (item no. 78452).

TOPICAL EXTENSION PACK "CONTAINER LOGISTICS"

In the logistics world it continues with the newly designed container carrying wagon (item no. 78452) with two 20 ft containers. This pack also contains three tank containers and ten C-tracks, one switch and one buffer stop. You can expand your layout in a really great way with this.

FREIGHT WAGON SET "CONSTRUCTION SITE"

The "construction site" topic has long been a topic with Märklin. Now, it is expanded by the exciting freight wagon set "Construction site" (item no. 44083). It not only contains a tar tank wagon, a customer wagon, but also a covered freight wagon that can play back many sounds (as for example the background noise of a large construction site, pneumatic hammers, the unloading sound of bulk materials as well as the sounds of wheel loaders).



Freight wagon set "Construction site" (item no. 44083).



Tank wagon "OMV" (item no. 44403).

TANK WAGON "OMV"

Tank wagons are always very popular on the layout and here, the tank wagon of the OMV Deutschland GmbH (item no. 44403) is a good match.

WOW

SWIVEL ROOF WAGON TAEMS 890 DB AG, EP. V

The longer a train is, the better it is. Therefore, it needs many wagons. The swivel roof wagon of the Deutsche Bahn AG (DB AG) (item no. 44600) matches wonderfully.



Swivel roof wagon (item no. 44600).

BALLAST WAGON TALBOT DESIGN

Another beautiful novelty among the wagons is the two-axle ballast wagon Talbot design (item no. 44610) with a fictional label. With that you can load a few things.



Ballast wagon (item no. 44610).

"DOLOMITI" REFRIGERATOR WAGON

This great refrigerator wagon series will also be continued in 2016. You will get to know more about the Dolomiti wagon (item no. 44214) later in this magazine.



"Dolomiti" refrigerator wagon (item no. 44214).

"PUMA" CONTAINER WAGON

Puma is a well-known sporting article supplier of for example shoes and textiles. Now, there is a Puma container wagon (item no. 44811). Sporty, sporty, isn't it?

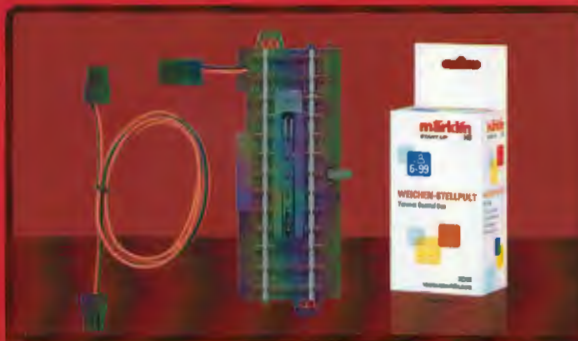


"Puma" container wagon (item no. 44811).



ELECTRIC UNCOUPLING TRACK

You already have your own layout and you don't want to always uncouple the wagons yourself? Well, now there is just the right thing for you. The electric uncoupling track (item no. 20997) is designed to match the Start up system architecture. It can be controlled using the control panel (item no. 72752). However, you can also control it manually.



Electric uncoupling track (item no. 20997/item no. 72752).



Starter pack "Freight train" (item no. 29323).

STARTER PACK "MODERN LOCAL TRANSPORT"

Another highlight among the Märklin Start up novelties 2016 is the new design of the diesel power car for local transport Coradia LINT 27 (item no. 29641). The train features an integrated mfx decoder and switchable sound functions. It additionally features a three-light head end signal that changes with direction of travel.



Starter pack "Modern local transport" (item no. 29641).



Digital starter pack "Freight train with series 74" (item no. 29074).

STARTER PACK "FREIGHT TRAIN"

The new starter pack "Freight train" (item no. 29323) offers a beautiful introduction into model railway world. Containing three freight wagons, one tender locomotive, one oval C-track and a remote control, the pack features everything required for your playing fun.

DIGITAL STARTER PACK "FREIGHT TRAIN WITH SERIES 74"

For those having a larger layout the digital starter pack "Freight train with series 74" (item no. 29074) is a perfect match. Apart from the steam locomotive series 74 and three freight wagons of the Deutsche Bundesbahn (DB), the pack also contains a mobile station. It allows you to switch and control many trains and magnetic items.

Well, this was a short overview of the Märklin Start up novelties 2016. There are still some more left that you will get to know in the course of the year.



In the last issue we gave you a small insight in the menu overview of the new club website. This time, we will show you what an article looks like in detail.

NOW!

THE NEW CLUBWEBSITE!



The 32nd edition of the IFA and the 88th edition of the Märklin Days took place between 18 and 20 September in Göppingen.

LEONHARD-WEISS-ARCA

Here you can look at the railway giant from below. Walking across the 50 and 70 metres long vehicle pits is an exciting experience. Also an exciting matter: watch how to weld magnesium.

In addition to the valuable vehicle pits, the shuttle services towards the railway station by means of the railbus and the exhibition on magnesium welding, there is a technical forum with the exhibition of all machines. Another highlight is the Märklin model 205. The issue is limited to three days. The model shows the series 57.5 locomotive.

Are you ready for a car race? You can have much fun with the vehicle by Tamika and Carson on the scales of 1:10 and 1:18. As of September 14, the model railway radio will broadcast on VHF 88.0.

WHO IS LEONHARD WEISS?

The company has more than 3,700 employees and ranks among the most important construction companies in Germany.

Top value: More than 200 railbus shuttle trips at the IFA 2015.



STAUFERPARK GÖPPINGEN

The heart of the great days in Göppingen. On 5,000 m² you will see any novelty in the "Accessory" and in the model railway sector. More than 100 exhibitors will be there, numerous exhibition layouts are presented inside an extra tent. There you can admire the different track gauges. Here you can also see the best show pieces of the diorama competition. If you want to build your own locomotive you are welcome to do so here.

THE STAUFERPARK AT A QUICK GLANCE.

Model railway and accessory manufacturers from A to Z, the Märklin booth with recent news, diorama competition, large show stage, Bobby-Car course and great activities for children. And very important: the Start up Club booth. There you will get your club present.



EWIS ARENA

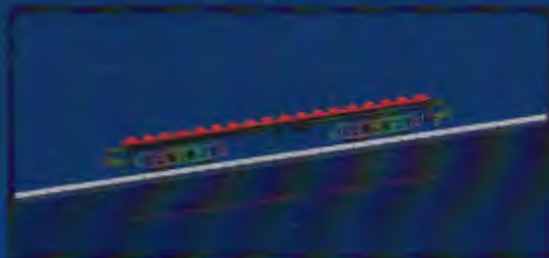
The homebase of the Frisch Auf! Göppingen handball players. The gym of the arena is completely under the banner of LBB. There you can gain impressions of construction and admire the latest LBB models.

The top figure for LBB: 1,000 square metres of exhibition area at the C-M 988. Year 01.





3RD PLACE



The third place was awarded twice for the first time. With 18.8% each, the module wagon (item no. 44734) ...



... and the modern series 245 (item no. 36645) share this position.

2ND PLACE



The series 24 (item no. 36243) received 20.8% off all votes securing a strong second place.

THE MÄRKLIN STAR 2015

It's already the eighth time that you and all other members of the Märklin Start up Club could vote for the Märklin Star of the year. As always, many of you participated in this poll. Nine candidates made it to the final voting. It was an exciting battle for the top positions. The decision was made only after the last votes had been entered. Now you can see the top three and the Märklin Star 2015.



WINNER OF 2015

And now raise the curtain for the successor of the ICE 2 (item no. 36712) and therefore the champion of 2015: The Fire Brigade starter pack (item no. 29752) with 22.9%.

2



The loco with the logo on it.

The Australian super train connects the cities of Adelaide in the South and Darwin in the North. The Ghan handles the about 3,000 kilometres across four climate zones within four days. The passengers experience the impressive Australian landscape and enjoy at the same time an excellent onboard service.

THE CAMEL AS DISTINCTIVE MARK

What has a camel to do with a train? At the end of the 19th century, there weren't any trucks or railways in Australia. The inland freight traffic was primarily handled by camel caravans. These caravans were mostly led by Afghan camel leaders. To honour these camel leaders, the train was initially called "The Afghan Express". This has then evolved into the name "The Ghan".

THE GHAN

TRIPS FOR EVERY BUDGET

The Ghan offers comfort for everyone. Apart from the passenger, saloon, dining and baggage wagons, the train may also have a car carrying wagon if necessary. The passengers travel in three categories. The "Red Service" is particularly popular among young tourists. The inexpensive ticket in this class comprises a comfortable seat with reading lamp inside the large-capacity wagon. More demanding guests book a small first class cabin, the so-called "Gold Service". The compartments of the "Premium Service" are really comfortable. The elegant hotel rooms on wheels offer an area of 8 m² and an own bathroom. While the "Red Service" travellers must pay for the meals, beverages and the excursions, all offers are included in the ticket price of the other two categories.



1



2

1 Photo Great



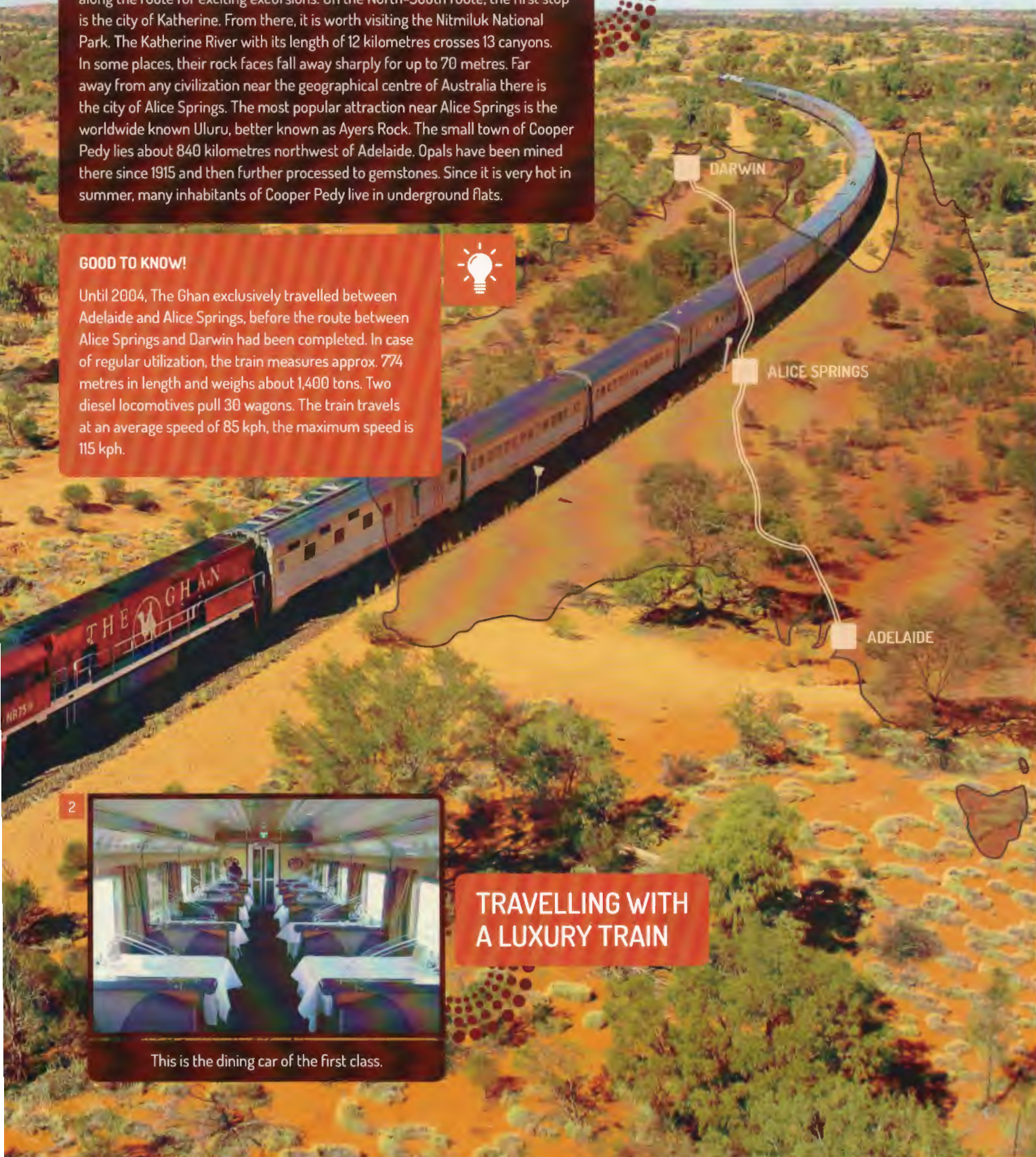
DEFINITELY GET OFF THE TRAIN!

Depending on the direction of travel, the train stops in many significant places along the route for exciting excursions. On the North-South route, the first stop is the city of Katherine. From there, it is worth visiting the Nitmiluk National Park. The Katherine River with its length of 12 kilometres crosses 13 canyons. In some places, their rock faces fall away sharply for up to 70 metres. Far away from any civilization near the geographical centre of Australia there is the city of Alice Springs. The most popular attraction near Alice Springs is the worldwide known Uluru, better known as Ayers Rock. The small town of Cooper Pedy lies about 840 kilometres northwest of Adelaide. Opals have been mined there since 1915 and then further processed to gemstones. Since it is very hot in summer, many inhabitants of Cooper Pedy live in underground flats.

GOOD TO KNOW!



Until 2004, The Ghan exclusively travelled between Adelaide and Alice Springs, before the route between Alice Springs and Darwin had been completed. In case of regular utilization, the train measures approx. 774 metres in length and weighs about 1,400 tons. Two diesel locomotives pull 30 wagons. The train travels at an average speed of 85 kph, the maximum speed is 115 kph.



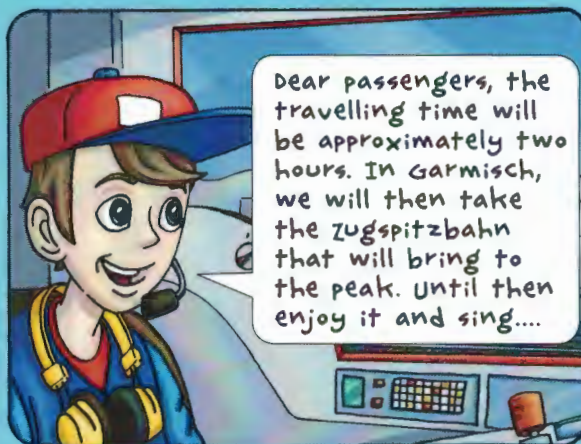
2



This is the dining car of the first class.

TRAVELLING WITH A LUXURY TRAIN

EARLY IN THE
MORNING



TRAIN STATION WITH DOUBLE- SLIP SWITCHES

Are there any Märklin layouts without a train station? Well, that is surely possible. However, normally every layout has at least one train station. So, let's just build one.

Leipzig, Frankfurt am Main, Hamburg-Altona, Munich – when the word station emerges, most of the people immediately think of the large train stations in the big cities. Other metropolises don't have any railheads, but through stations, like for example the cities of Dortmund and Essen. In Berlin, there is even a huge tower station. However, most travellers don't care about such differences. They want to embark, disembark and change trains comfortably and quickly, nothing else.



Most model railway enthusiasts build through stations. The tracks of a single or two-track stretch branch out so that the trains can for example encounter each other at the station. In the past, virtually all stations had tracks for the freight transport. The freight wagons were loaded and unloaded at loading ramps. Often, there used to be a large freight shed next to the station building. Shunting was part of the strenuous tasks of the railroaders. Friends of Märklin enjoy nothing more than separating the trains and newly rearranging them.



SMALL DIFFERENCE

The railway distinguishes between stations and stops. Stations do have at least one switch. If there aren't any switches, it is just a stop. However, stations where trains begin and end are an exception. In this case they do not need to have any switch. Such stations can sometimes be found at the end of single-tracked secondary lines.

CONSTRUCTING CROSSING

Märklin railway enthusiasts focus on the playing fun when making their choice. The railhead guarantees the most fun. The trains arrive and depart in a dense rhythm. Each of them must turn, "make head" as the railway railroaders say. Since normally trains do not return on the same track, the interlocking workers have quite a lot to do. On your Märklin layout you are the interlocking worker and at the same time of course the engine driver and much more. A railhead for example may be located at the end of a secondary railway. It is more beautiful if at least two routes lead towards it. Before reaching the train station many, many switches interconnect the tracks in both directions. Luckily the trains drive slowly around the railhead. Therefore, normal switches with a larger branching angle are sufficient. You install your slim switches on the continuous section.

CONSTRUCTION WITH CROSSING

Also in Blaufelden shunting and driving fun is the centre of attention. The members of Model Railway Team Blaufelden build dioramas. Each of these dioramas shows a tiny scene of everyday railway life. Interconnecting the tracks of all dioramas results in long routes. On them, the Märklin locomotives can show what they are capable of.

The Blaufelden station is located next to a double track line. In order to let the trains use all tracks equally, small scissor crossings were built. The railway company also installed a brace. Of course, this word is colloquial language; there aren't any braces in the official German railway language. By that, railroaders and railway enthusiasts mean scissor crossings in the centre. One track runs from the right to the left track, another one from the left to the right. This looks like braces seen from the back side. A scissor crossing only needs little space. That is its advantage.



In the scene with the interlocking block you see the double-slip switches.

YOU NEED ...

... basically just some construction kits. The Märklin dealer offers quite a lot of station buildings, freight sheds, platform roofs and much more. There you will also find many model figures, the small Preisers. Just take a look around. You will surely have plenty of polystyrene and wood inside your junk box. By the way, packaging material is perfectly suitable for manufacturing polystyrene strips. A model railroader doesn't throw away anything without looking at it first.



However, the railway company installed it only reluctantly since crossings do not rank among the track layouts the railroaders like. Both wheels rattle over two gaps in the track. Every hit also noticed by the passengers stands for a new small dent in the wheel. In case it runs rough as a result, the volume of the sounds each rolling wheel produces will increase. Moreover, a crossing consists of many individual track segments. Let the Märklin dealer show you a crossing. You will immediately understand the reason why the railroaders install crossings only if they absolutely need to.

SMALL PREISERS WAITING

It is best if you build the platform yourself. In Blaufelden the platform is made from thin plywood. In order to create the platform edge you pour gypsum into a silicone mould. Later, the set gypsum will be glued on. That may be slightly laborious, but the platform edges obtained are very beautiful. Drill small holes for the platform roof supports into the plywood. These supports are glued into the holes in the plywood where they firmly sit. Building the supports yourself is not that easy. Therefore the Blaufelden Märklin professionals used material offered by the accessory manufacturers.

Of course, there should be benches for the passengers on the platform. If you like, you can also set up a waiting room. Also a kiosk looks nice at the platform, of course. However, the small Preisers are important: the small Preisers waiting. Look around at the station next to your town. The platform is deserted only rarely. Almost every time there sit or stand waiting people.

On the square in front of the station building there should be a bus stop. Then, the travellers can also reach city districts or locations that do not have an own station. Apart from this, just give your imagination free rein. An ice-cream parlor looks as nice on the square as a post office – in the past, the post office was often located next to the station since some trains also transported letters and parcels. It also possible to set up a row of houses with several shops. It doesn't need to be as many as at the stations of Leipzig, Frankfurt am Main, Hamburg-Altona and Munich.



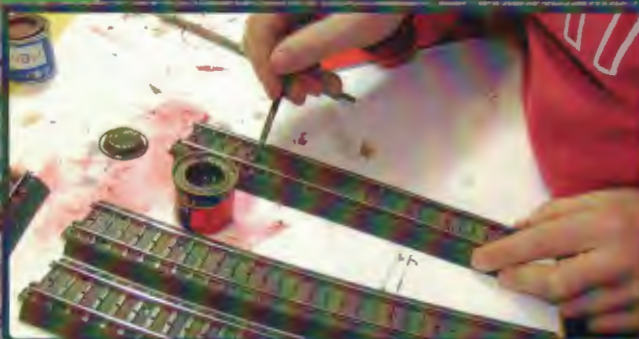
Here you see the finished station platform.

LET'S DO IT!

CONSTRUCTING CROSSING

1

The tracks should be naturally aged. This is done just using colour which is again wiped away from the top surface of the tracks. Christian prepares the Märklin C-tracks for their installation.



2

A polystyrene strip is put between two tracks.



3

Christian applies a paste consisting of white glue, water and sawdust to the gap between the polystyrene strips and the track.



4

Christian carefully grinds the gypsum platform edge into shape.



5

On the left and on the right, there are platform edges confining the platform made from plywood.



6

Christian shows you what the platform looks like from another perspective.



7

Christian drills holes next to the track into the base plate where he ...



8

... fixes the posts for a fence, before painting the plate with grey colour.



9

The areas between the tracks are slightly filled with gravel. Green is also suitable.



10

He applies a drop of all-purpose glue to every post. Then, Christian carefully attaches the fence to the posts.



11

While the glue for the fence is slowly drying in the background, Christian is gradually setting up the platform roof supports.



12

Christian precisely draws the line for further posts onto the base plate. He uses the set-square since it is very helpful.



13

He drills hole by hole into the base plate.



14

Christian uses a toothpick for applying white glue onto the posts.



15

He sticks round wood made from toothpicks onto those posts. Now, the fence, the barrier and the freight shed are ready. In the centre, the platform is waiting for the next construction steps.



HOW TO: THE IR REMOTE CONTROL

In the previous episodes of this technology series we have learned the various functions of the locomotives. Apart from the many light effects and the switchable smoke generator, it was above all the sound functions which more and more influence the play with modern model railways.

However, there are some further playing features we still want to look at:



Die Dampflokomotive der BR 56 (Art. 22562)
ist mit digital schaltbarer Telex-Kupplung ausgestattet.

TELEX-COUPLING

This is an automatic coupling with which the wagons attached can be detached at any point on the model railway. Modern TELEX coupling solutions only work with digital operation and not if an analogue control unit is used. The advantage of the TELEX coupling is especially visible when shunting. Therefore, it is no surprise that often the locomotive models used for shunting in real life are equipped with this special coupling. Regarding operation, this automatic coupling is optimised for the use in combination with the close coupling head. However, a correctly adjusted Telex coupling can be used with it, too. Motor-driven pantograph: This function admittedly belongs to the equipment details of the high-end model locomotives. As with the real-life model, the model railway enthusiast can extend the pantographs at the beginning of his shift and bring them back into rest position at the end of the working day. Small motors make this spectacle possible which impresses every viewer.

SHUNTING MODE

Almost all modern digital locomotives have this function which is called "ABV off" in the feature list. In almost all cases, the digital locomotives have an adjustable starting and braking delay mimicking mass inertia. As with the real-life model, a locomotive will therefore not directly start with the preselected speed, but it accelerates and decelerates slowly until the desired speed is reached. However, this can be cumbersome in some situations (for example when shunting). This function allows to reduce the starting and braking delay permitting a direct access to the model via the speed controller.



MOTOR-DRIVEN PANTOGRAPH

This function admittedly belongs to the equipment details of the high-end model locomotives. As with the real-life model, the model railway enthusiast can extend the pantographs at the beginning of his shift and bring them back into rest position at the end of the working day. Small motors make this spectacle possible which impresses every viewer.

Functional fan motor: A distinctive feature with some models as for example steam locomotives with condensation tender are the big rotating fans during operation. Meanwhile, also this feature has been implemented as an individually switchable function in different Märklin models.

Despite the many function examples we presented here, we could only show a selection of functions that may be featured in the different modern digital models. Up to five of these switching functions can be triggered with the IR handset control. However, there is a whole series of vehicles that even have up to 16 (in the future even up to 32) of these functions. When you are interested in a specific locomotive model, you should take a look at the function list shown in the product description on the Internet or in the catalogue. Being an owner of an IR controller you can very well orient yourself to the function list of the former Control Unit 6021 – the predecessor of the Central Station. This device, too, can switch up to five functions.

By the way, the range of functions that can be switched via the functions f0 to f4 are not fixed in modern mfx decoders. They can be changed using a Central Station 60215 on demand. Those who have an IR controller and a model with more than five functions can decide before buying which of the functions should be switchable. Those who don't need the shunting mode but the signal horn can have this adjusted in the Central Station at a dealer. By the way, the technical term for this assignment of functions is called "function mapping". It is also possible to set a combination of functions. If for example a power car has a switchable head lights and a separately switchable interior lighting, it is possible to use the function mapping of a mfx decoder for switching both functions using f0. In this way, the previous function key for the interior lighting is unassigned and can be used for switching another function.

In the next issue we will have a closer look to some locomotive examples the control of which can be optimised using the IR controller.

**EXPLORE THE
POSSIBILITIES!**



REFRIGERATOR WAGON DOLOMITI

TASTY!

Märklin has produced many beautiful refrigerator wagons. Now, this great collection is expanded. Again, a strong partner has been found. It is the Dolomiti ice cream. You can now read about the many exciting things about it.

LIKE ITALY

Dolomiti is the brand for an ice cream product by Langnese. It is about ice cream on a stick. The shape alone is already quite interesting. It looks like the three peaks of a mountain. They are supposed to represent the three peaks of the Dolomites which are mountains located in Italy. Hence the name Dolomiti. The colours, too, are inspired by the three national colours: white, red and green. The tastes are lemon, raspberry and woodruff.



NEW

IN HO

Now, the ice cream presents itself in many colours on the Märklin refrigerator wagon (item no. 44214) inviting you to play with it.

A GLANCE AT THE HISTORY

The ice cream has a long tradition, in 1973 it has been sold for the first time. In 1987, production was ceased and between 1994 and 1995 it came into the market again. Now, this tasty ice cream is again available since 2014. A turbulent history, as you can see.

The ice cream is produced by Langnese. Langnese is a company that has been existing since 1936. Meanwhile, Langnese has become part of Unilever. Unilever is a huge company which produces foodstuff, cosmetics, body care as well as household and textile care products worldwide. Unilever counts 174,000 employees (2013) in more than 100 countries (1990 there still were 304,000).



PIECES OF A SERIES 216

LOCO IN DETAIL

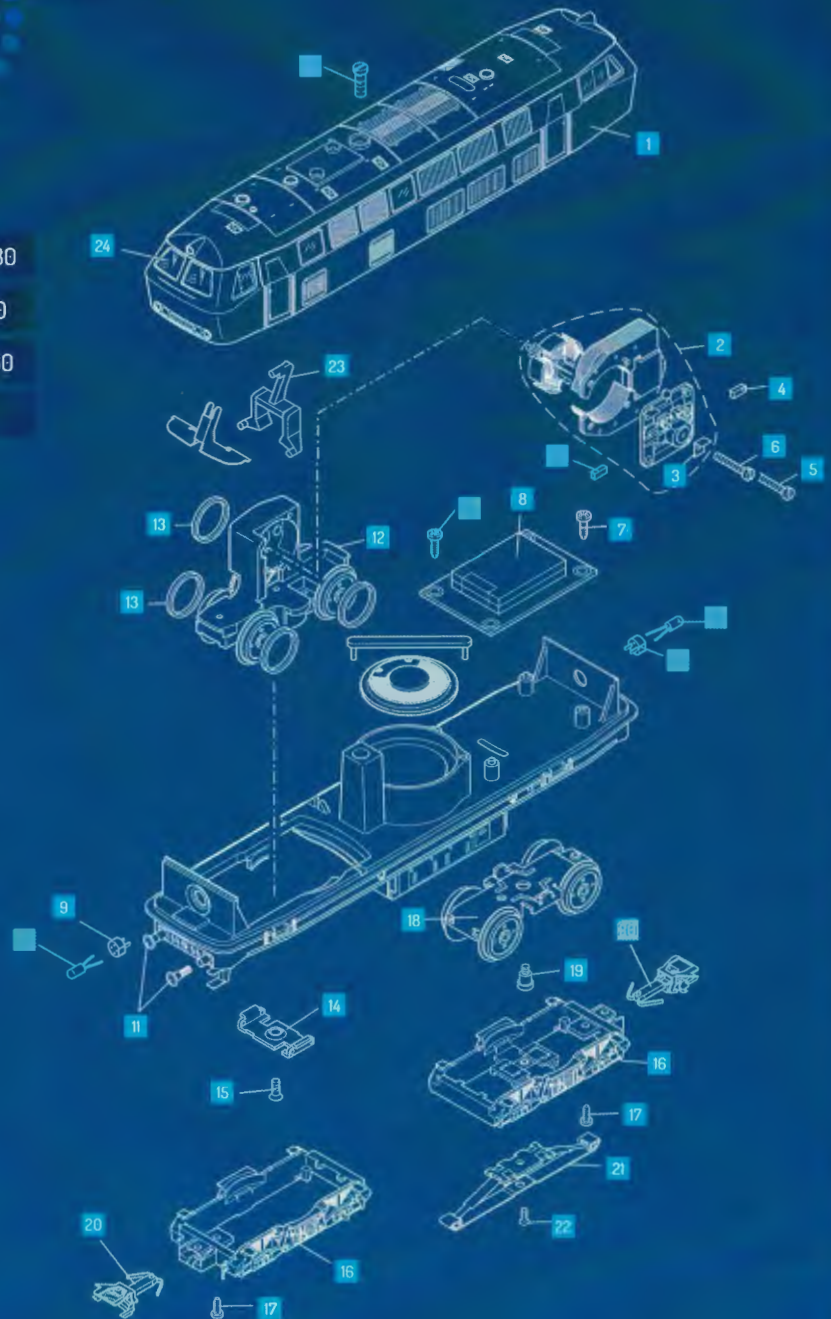
1	Screw	E 751 510
2	Motor	E 165 841
3	Solder trail	E 231 470
4	Motor brushes	E 601 460
5	Screw	E 785 120

6	Screw	E 785 140
7	Screw	E 785 750
8	Decoder	E 125 599
9	Plug-in socket	E 604 180
10	Light bulb	E 610 080
11	Buffer	E 761 710
12	Power trucks	E 415 670
13	Traction tires	7 154

14	Support plate	E 214 620
15	Screw	E 786 190
16	Bogie frame	E 243 852
17	Screw	E 785 070

18	Bogie	E 390 980
19	Screw	E 753 510
20	Coupler	E 263 730
21	Slider	7 164

22	Screw	E 786 790
23	Light body	E 225 630
24	Window	E 397 070



Note: Some parts are offered only without or with different colouring. Parts not mentioned here can only be repaired within a repair at the Marklin repair service. Rendering details may differ from the model.



This is a point control panel (item no. 72752).

What are actually magnetic items? That's right, it's all about items with electromagnetic drive. Those include for example points, decouplers, switching relays for illumination etc. These items allow you to comfortably and easily control your layout without directly reaching the relative position and switching everything manually.



This is the mobile station (item no. 60653).

MÄRKLIN MAGNETIC ITEMS

You have a slightly larger layout with many railway points? Or maybe your layout is not well accessible from one specific side, but exactly there is an important point for shunting or diverting? Sometimes, this can be annoying. Luckily, now a beautiful extension set by Märklin containing so-called magnetic items is available now.

In order to be able to control them, you need the new Mobile Station (item no. 60653) contained in many starter packs, however this also works with the Central Station.

The parts contained in the extension sets are easily installed. In this way, playing is fun.

FOR CLEVER HEADS!



In an electromagnet, electrical power is applied to a coil which creates a magnetic field. For this to work, there should be an iron core inside the coil. The first electromagnet was developed in 1826.

**PLAYING
MADE EASY**



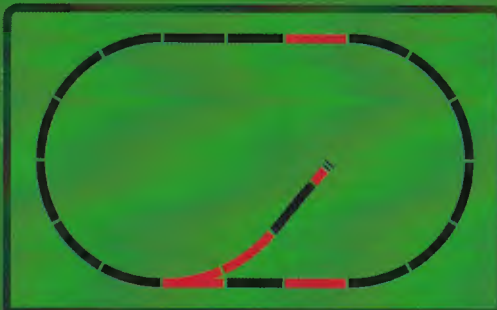
C-TRACKS

GREAT PLAYING WHEN LAID OUT WELL

There are some things one simply can't have enough of. This also applies to the model railway, especially to the tracks. C-tracks are most important. Irrespective of whether you are building a layout or just want to quickly lay out new tracks on the floor your room. The more you have, the more possibilities you gain during the layout.



The C-Track-Pack (item no. 24900).



Here you see one possibility of what you can do with the C1.

THE C1

Here comes the youngest member of the Märklin complementary track sets. This small but fine C1 package offers you two straight tracks (item no. 24172), one curved track (item no. 24224), one left-hand switch (item no. 24611) and one buffer stop (item no. 24977).

TIPP

Have you ever tried to install a gradient in your tracks? This is very easy to do, you only need to put some building blocks under the tracks and maybe increase the number of blocks. What gradient does your locomotive take?



COOL



TAKE PART AND MOVE UP

The Märklin Start up Club website is always visited by many people. There are many things to discover. One of them is the ranking system and now you will get to know what it is all about.

TAKING PART IS WORTHWHILE

You can earn points for all your activities at www.maerklinfanclub.com. The points have an impact on your rank, which you will find at your avatar. In addition, you will receive a cool symbol. It changes every time you reach a new level.



You start as a Carrier with 0 Points.

HOW DO I GAIN POINTS?

You get points for each action you take on the website. Depending on the category there are sometimes more and sometimes less. You will receive one point if you take part in an online game, five points for participating in a survey, and for winning a competition you will get 20 points. A detailed overview can be found at www.maerklinfanclub.com.

This way taking part in the website is even more fun!

COOL



From 895 Points you are a Conductor!

TAKING PART IS WORTHWHILE

ACTIVITY

POINTS

Complete game and submit high score	1 Point
Answer one clubmasterquestion	1 Point
Send eCard	1 Point
Participate in a survey	5 Points
Use your avatar image	10 Points
Subscribe the newsletter	20 Points
Win a competition	20 Points



Also you can be a Master!

KNOW & WIN

If you know the answer, send it by 07.03.2016 with the keyword "BR 245" and your membership number to: Märklin Start up Club, PF 960, 73009 Göppingen, Germany or via E-Mail to startup-win@maerklinfanclub.de.



The "Dolomiti" refrigerator wagon (item no. 44214) features a three-coloured popsicle. Which country is meant by that (colours of the national flag)?

This is the fantastic main prize!

A Italy B Germany

C Netherlands

MAIN PRIZE is a BR 81 (item no. 36321) and nine further wagons from the Märklin Start up range!



1	18	5	20	9	26	15	18
14	10	25	17	19	1	13	28
30	8	6	8	2	32	7	31
27	32	10	23	24	3	19	12
4	6	27	30	13	16	21	11
23	22	17	21	14	28	2	25
15	16	12	7	4	29	3	20
5	11	29	24	22	31	9	33

In order to solve the following riddle, you only have to draw a single line in the diagram, starting from the upper left corner and ending in the lower right corner, going through as many fields as indicated by the number shown in the lower right corner. The sections of the line run horizontally or vertically. The line must not cross itself or use a field repeatedly. On the line each number must occur precisely once (not necessarily in natural order).

NUMBERED SNAKE



CLUB
MAGAZINE
01 2016

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MUSTHEAD

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And now there comes what you have surely been waiting for. Who has won in the past puzzle? You were asked how many candles come with the Christmas wagon 2015. The right answer was 6.

This time, the main prize goes to:

TIM BRÄUTIGAM

And the winners of a car from the Märklin Start up Collection are:

Jona Lauber

Cornelis Hoornweg

Samuel Birk

Pascal Dech

Bastian Sand

Lukas Winkler

Marius van Empel

Fabian Zimmer

Ben Brückmann

WINNERS



Have you too won in the Start up Club and would like to see your picture on this page? Just send an E-Mail with the keyword "Win" and a picture of you with your win to: startup-win@maerklinfanclub.de

PAUL BONCZEK

This is the winner of the Märklin Star prize draw

In the upcoming issue we present the useful electric uncoupling track, we build an underpass and of course I experience again an exciting story and and and...

**PREVIEW TO THE
ISSUE 02.2016**

Great! I'm very excited about it!