

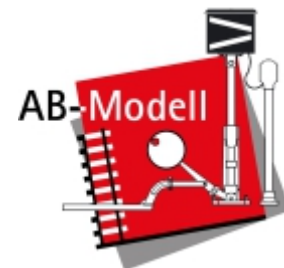
Novelties Presentation Kato's Ge4/4II on narrow gauge

Finally the time has come: the latest Kato locomotive, the RhB Ge4/4II, is now available as a narrow-gauge version. We have invested a lot of time and effort to present you an excellent conversion.

Our info presents the novelty in detail to you.

Yours

AB-Modell-Team



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Kato's pretty advertising locomotive for the Hakone Tozan Railway has just arrived from Chur at Filisur station, with the matching standard cars on the hook.

The photo was taken on the exhibition diorama of our company.



KT-070.1Nm: Ge4/4" 631, rot, Wappen Untervaz, umgespurt auf Nm von AB-Modell (Basis Kato)

RhB Ge4/4II 631 „Untervaz“ KT-070.1Nm

Art.-Nr./item-no./produit-no.

Kato model of the RhB Ge4/4II 631 red paint, with municipal coat of arms Untervaz modern design with rectangular headlights all axles driven, two wheel sets with traction tires plastic pantographs, without function Kato motor with diagonally grooved anchor thickened worms as flywheel replacement Kato close coupling

The model is converted by us to 6.5mm narrow gauge. A rearrangement to 9mm is only possible through the acquisition of new bogies (Kato spare part).



KT-071.1Nm: Ge4/4" 622, Hakone Tozan Railway, umgespurt auf Nm (AB-Modell, Basis Kato), Set mit zwei EW I

RhB Ge4/4II 622 Hakone-Set KT-071.1Nm

Art.-Nr./item-no./produit-no.

Kato model of the RhB Ge4/4II 622, in set with two EW I orange/cream finish with advertisement for the Hakone Tozan Railway (Japan) modern design with rectangular headlights all axles driven, two wheel sets with traction tires plastic pantographs, without function Kato motor with diagonally grooved anchor thickened worms as flywheel replacement Set equipped with two standard wagons I (1st and 2nd cl.) Kato close coupling

The train set will be converted by us to 6.5mm narrow gauge. A rearrangement of the locomotive to 9mm is only possible through additional bogies (Kato spare part).

model

Kato has skilfully converted the Ge4/4II of the Rhaetian Railway into plastic technology. The model is the current version with rectangular headlights and additional multiple control sockets at the front.

The scale was again 1:150, as usual in Japan. In comparison to a 1:160 model from small series production, the vehicle therefore appears somewhat oversized. Points of criticism are the rather poor performance, the flawless implementation of the tiny corner windows and the clearly too bright "interior design".

All in all, the model railroader gets a very attractive RhB locomotive at a very reasonable price.



Complex conversion from 9mm (left) to 6.5mm (right).

Aktuelle Preise veröffentlichen wir auf unserer Internetseite unter www.n-schmalspur.de. Um stets auf dem Laufenden zu sein, melden Sie sich bitte bei unserem Newsletter an. Vielen Dank.

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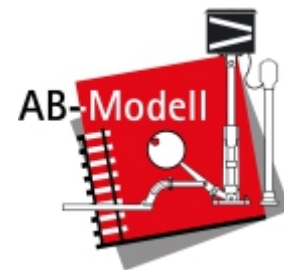
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Novelties Presentation Kato's Ge4/4II on narrow track



technique

The Kato model is equipped with its own diagonally grooved motor. There was no room for a sufficiently dimensioned flywheel mass, so that the worms on the motor shaft are slightly thickened towards the end to simulate some driving dynamics. A noticeable effect of the "flywheel mass" is not noticeable during normal driving. The final speed is clearly excessive, despite the step gear in the gearbox. A visually appealing speed is achieved at approx. 6 to 8 volts.

The current is taken from all 8 wheels. Exemplary due to axle bearing plates, so that practically no significant friction occurs. The electrical connection within the machine is ensured by contact plates. Kato offers an exchange circuit board for conversion to digital technology.

A Swiss light change 3/1 is installed and is correctly reproduced depending on the direction of travel.

The pantographs are finely formed, are made of plastic, can be set up at any height and usually retain these even while driving. An electrical function is not provided Kato-typically.

The locomotive is equipped with the Kato close coupling, which is only compatible with itself. Coupling and uncoupling is possible manually, a pre-uncoupling is not installed. The classic N-coupling (for standard gauge railways) is included.

Our conclusion: the model is properly constructed and functional. Kato has done a great job here.

It's a pity that they couldn't get themselves to install a slightly finer engine and a more effective flywheel mass. Then the model would be perfect.

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conversion to narrow

For the conversion to N narrow gauge we had to go completely new ways, since the usual procedure of milling away part of the gear block was not possible due to the structure.

Already in autumn 2018 extensive tests with 3D-printed, newly designed gearbox parts were carried out, which, however, were not completely satisfactory. We therefore decided to have a new gearbox component manufactured using injection moulding technology.

After the mould had been designed and produced, we had to revise it, carry out a large number of new tests and extensive clarifications. Now the time has come: from now on we can offer you the conversion into a narrow-gauge locomotive.

This very cost-intensive conversion solution works best of all. Compared to an N locomotive, the machine converted to Nm also starts at the same voltage.

features	price/item-#
RhB - Ge4/4II 631 „Untervaz“, red, based on Kato-model, scale 1:150, converted by AB-Modell to 6.5mm-narrow gauge	EUR 349,00 ³ EUR 319,00 ² KT-070.1Nm early-bird-price* EUR 290,-
RhB - Ge4/4II 622 advertising Hakone Tozan Railway, set with two EW I (each 1 x 1st and 2nd class), based on Kato-model, scale 1:150, converted by AB-Modell to 6.5mm-narrow gauge	EUR 399,00 ³ EUR 375,00 ² KT-071.1Nm early-bird-price* EUR 345,-
conversion to narrow of your Kato-locomotive Ge4/4II only	EUR 219,00 ³ EUR 199,00 ² KT-070.1U early-bird-price* EUR 180,-
decalset for decorating a red Ge4/4II into loco 627 with herald of Reichenau-Tamins	EUR 5,00 KT-070.D627
decalset for decorating a red Ge4/4II into loco 629 with herald of Tiefencastel	EUR 5,00 KT-070.D629
driver's cab ladder, nickel silver etched part, 2 pcs. in kit	EUR 3,00 Zub-903.1

Vorbestellpreis/early-order-price/prix précommande

* Vorbestellung bis
Reservation until
Réservation jusque **15.06.2019**

Sonderpreis/special price/prix spécial

2 Auftrag bis
Order until
Commande jusque **31.12.2019**

Regelpreis/standard price/prix régulier

3 ab
from
dès **01.01.2020**

Vorbehaltlich Lieferbarkeit und Preisänderungen durch Kato/Noch

conversion of MDS-loco

The re-gauging of the Ge4/4II from MDS is also in progress. We are currently examining how to close the gearbox housing again after milling in order to achieve an optimum chassis position. More time will pass until the end of the test series. Interested customers will be kept up to date via our newsletter.

It is already possible to convert the MDS locomotive to N narrow gauge. One of our customers rebuilt a locomotive for us. A completely new gearbox was developed and equipped with brass gears whose axles are mounted separately. As a candy, the bogie cover is also adapted to the new track width. The optically very pleasing conversion is somewhat louder than the original gearbox. Extensive test drives were passed faultlessly.

However, the conversion has its price. If you are interested, please send us an eMail with your inquiry.

delivery / dates

We are gradually converting the locomotives. Please set up for a few weeks, mostly only days, conversion time.

As a rule, the red Ge4/4II 631 and the Hakone locomotive with the two standard cars are available from stock at short notice.

Unfortunately we don't have any more vehicles available from the two advertising models published so far, but we are happy to convert your model delivered to us. In this context, we would like to ask you urgently not to send us your model without prior consultation with us! Thank you very much for your understanding.

Also available at short notice are the accessories for the Kato machine: two decalsets for red locomotive decoration and driver's cab ascents. The delivery takes place with an illustrated assembly instruction.