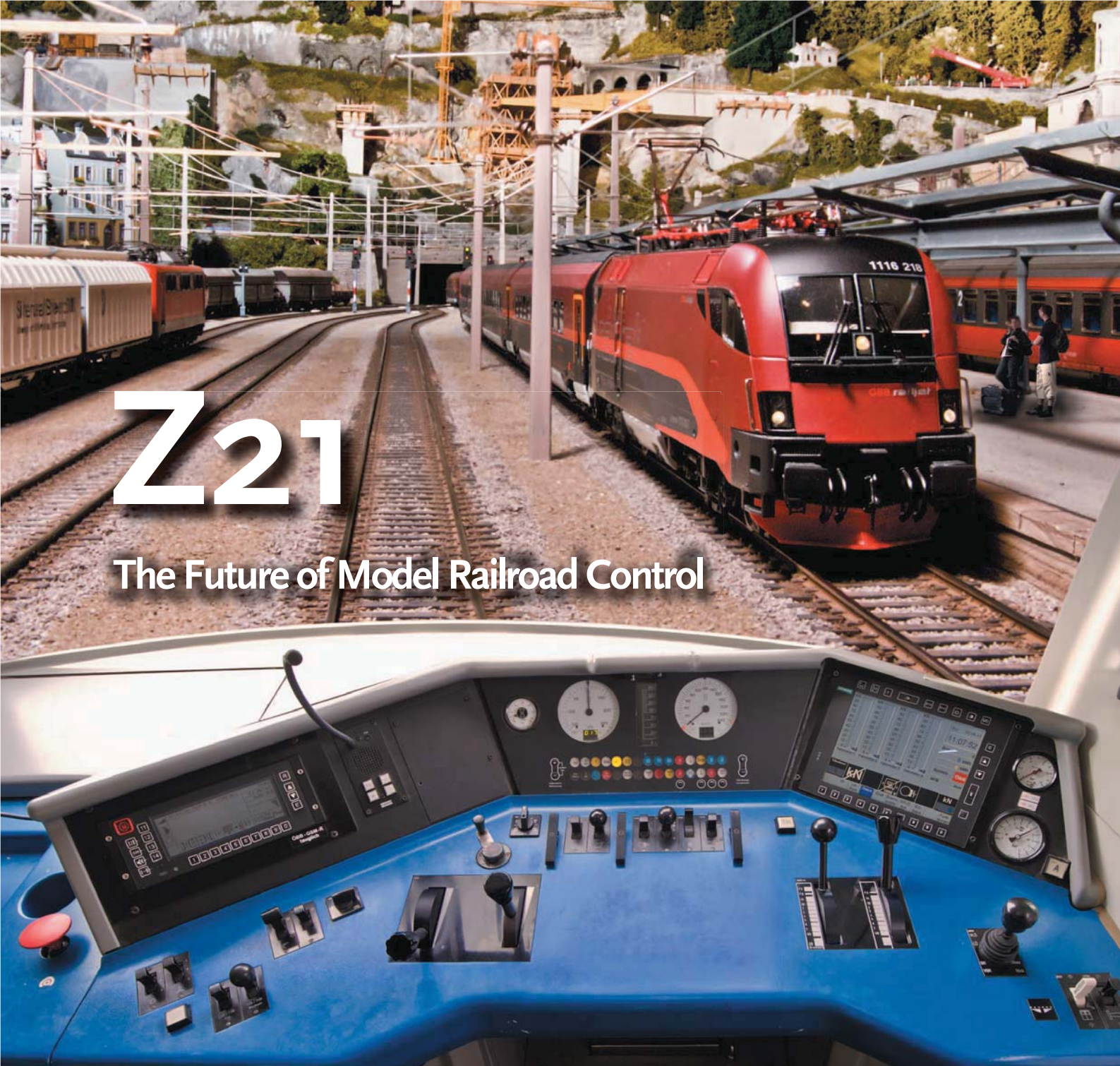


FLEISCHMANN
PERFEKTION & VIELFALT

Roco
Die Innovation der Modellbahn

Z21

The Future of Model Railroad Control



Z21: From modelrailroader to locomotive engineer

With your smart phone or tablet PC!



Emergency stop

Radio controls

Power control lever

Tachometer

Brakes

Information display

Horn

Z21: The locomotive engineer's cabs

You can do everything except into the cab!

We have created a new control system for model railroads: Z21 is a revolutionary Digital System, which provides a unique experience for running trains and switching turnouts. Enjoy control from the very beginning – Plug & Play capabilities immediately control:

- 10 realistic locomotive-engineer cabs current up through the end of 2012
- Realistic operation just like a real locomotive engineer
- Guided assistance in learning locomotive operation
- Beginner and Locomotive engineer modes
- Blend your own photos into the display
- Display locomotive data via RailCom©

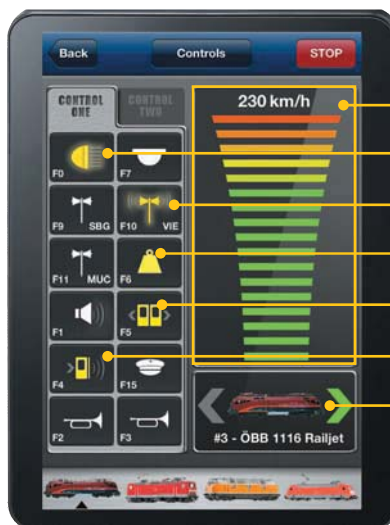


Cab of a steam engine

Z21: Operation – so simple it's inspired!

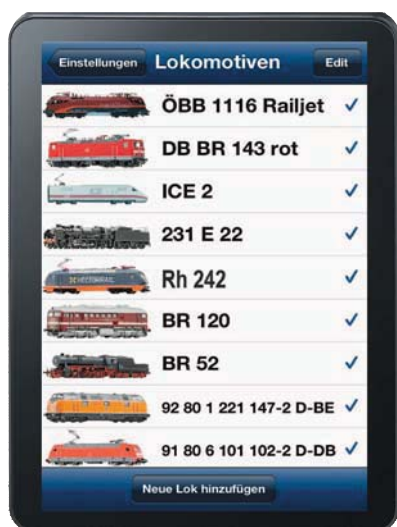
Z21-Mobile-App

- Control app for Android- and Apple based Smart phones and Tablet-PCs
- Intuitive control of the complete layout using graphic display
- Fast access for simple selection of locomotives
- 24 Function keys can be operated using icons



Beginner Mode

- Control speed
- Headlights on/off
- Station announcement for Vienna
- Switching mode / inertia simulation
- Doors opening / closing
- Sounds of doors opening and closing
- Select direction



Z21-Loco Library

- Sort the locomotive list by drag-and-drop
- Selection of important locomotives for quick access
- Set-up and cancel locomotives



Z21-Loco settings

- Various locomotives names are possible: i.e. nicknames, train names or UIC codes
- Display locomotive using actual photo



Z21-Functions

- Individual allocation of icons
- Large selection of icons to choose from
- Self-explanatory icons

From July 2012, Apps will be available from the App Store and Android Market.
Check our website at www.z21.eu for updates regarding availability!



Z21: The Connection – always there!



Z21: The Facts – plain and simple!

- Intuitive operation for beginners and experts
- Operation of model locomotives using a virtual, photo-realistic engineer cabs of various types of locomotive
- Powerful control over of even the largest equipment pools
- Open, multi-protocol central module for DCC- und Motorola©-Formats
- Upgrade for existing digitally controlled layouts through backwards compatibility, i.e. multiMAUS
- Switching of turnouts and electrical accessories
- Automatic locomotive registration as well as feed-back, i.e. the actual speed and turnout settings via RailCom©
- Decoder-Updates for Software & Sound for our ZIMO-Sound-Decoders
- Plug & Play – Hook it up and away you go!
- Simple connection with Smart phone using pre-configured WLAN-Router

Connections:

- 3 times X-Bus
- Main track for DCC and Motorola, 3A, feed-back capable
- Separate programming track: for programming, decoder-update, Sound programming, feed-back capable
- Booster-Bus for Roco-Booster 10765
- Roco-feed-back bus for Roco-feed-back module 10787
- LAN-Bus, pre-prepared CAN-Bus & LocoNet-Bus

plus lots more from www.z21.eu

Central Z21
(rear view)



Components of the Central Module (Art.-Nr. 10820)

- Digital central module Z21
- Pre-configured WLAN-Router for Plug & Play operation
- Powerful house-current power-pack

Recommended Price of the Central Module: € 399,-

Delivery date of the central module:

On dealers' shelves as of July 2012

Delivery date of the Apps:

In App Stores and Android Market as of July 2012

