

**FLEISCHMANN**  
PERFEKTION & VIELFALT

**Roco**  
Die Innovation der Modellbahn

# Z21

## Steuern in die Zukunft





## Z21: From Railway Modeller to Engine Driver

With your Smartphone or iPad!



Emergency Stop Power Display

Speedo

Tacho Brakes Information Display Horn

### Z21: The Loco Drivers' Cabs

You can do everything except climb in!

We have discovered the new control for model railways: Z21 is a revolutionary Digital System, which develops into a unique experience for running the trains and switching points. The Plug & Play capabilities immediately take care of:

- Enjoying control from the very beginning.
- 10 realistic photographic loco drivers' cabs up to the end of 2012
- Operating just like a real engine driver
- Guided assistance to discover loco operation
- Beginner – and Engine Driver modes
- Blend in your own photos in the display
- Display of loco data via RailCom®



Steam Loco Cab Pictured

## Z21: The Operation

So Simple, It's Inspired!

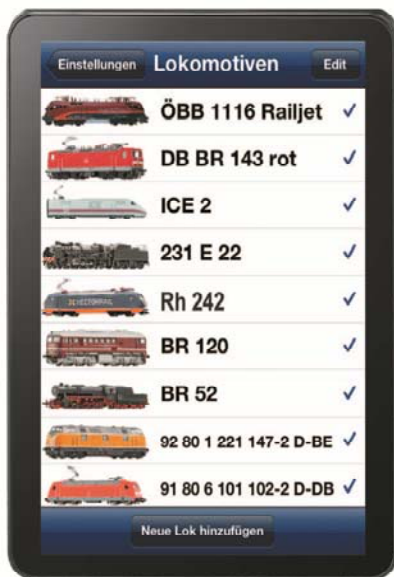
### Z21 Mobile App

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



### Beginner Mode

- Control the Speed
- Headlights On or Off
- Station Announcement for Vienna
- Shunting Gear/Inertia Simulation
- Doors Opening/Closing
- Sounds of the Doors Slamming
- Direction Selection



### Z21 Loco Library

- Setting up and cancelling of the locomotives
- Sorting the loco list by swiping
- Selection of the important locos for quick access



### Z21 Loco Settings

- Various locomotive names are possible such as Nicknames, Train Names or UIC codes
- Loco display by photograph



### Z21 Functions

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

From July 2012, Apps will be available from the App Store and Android Market!

Please visit our website [www.z21.eu](http://www.z21.eu) for more information



## Z21: The Connection - Always There!



## Z21: The Facts – plain and simple!

- Intuitive operation for beginners and experts
- Operation of model locos using a virtual, realistic photo driver's cab from various types of loco
- Powerful admin of even the largest vehicle parks
- Open, multi-protocol central module for DCC- und Motorola®-Formats
- Upgrade for existing digitally controlled layouts by downwards compatibility, i.e. multiMAUS
- Switching of points and electrical accessories
- Automatic Loco registration as well as feed-back, i.e. the actual speed and point settings via RailCom®
- Decoder-Updates for Software & Sound for our ZIMO-Sound-Decoders
- Plug & Play – Connect it up and off 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, feedback capable
  - Booster-Bus for Roco-Booster 10765
  - Roco feedback bus for Roco-feed-back module 10787
  - LAN-Bus, pre-prepared CAN-Bus & LocoNet-Bus
- plus much more from [www.z21.eu](http://www.z21.eu)**



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

- Digital central module Z21
- Pre-configured WLAN-Router for Plug & Play operation
- Powerful mains transformer

**Recommended Price of the Central Module: £355**

**Delivery date of the central module:** July 2012

**Delivery date of the Apps:** in App Stores and Android Market from July 2012

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