Z21 wlanMAUS
Quick Guide

Z21 is an innovation from *Roco* & *Fleischmann* .

KEYBOARD EXPLANATION

LC display for indication

Stop key for activating and deactivating an emergency stop

Left arrow key for scrolling through entries and settings (backwards)

Right arrow key for scrolling through entries and settings (forward)

Light/OK key for confirming entries and switching on the train lighting

Control knob for setting the direction and speed of travel

switch on: ✱ OK

switch off :   MENU + ✱ OK

Loco/Turnout key for switching between locomotive and turnout control

Shift key for activating further WLANMAUS functions (key combinations)*

Menu key for selecting configuration variables (CV)*

EXPLANATION OF DISPLAY SYMBOLS

Battery symbol
shows the charge status of the batteries

Wrench
Menu level: settings menu

Tournout symbols
• Tournout mode: switch turnout

Drive symbols
show the direction of travel and standstill

Wireless symbol
Information about the wireless connection

Short-circuit symbol flashes in case of short circuit or overload

Loco symbol
• Drive mode
• Menu level: loco menu

Stop symbol flashes in case of emergency stop and short circuit

Light symbol ✱ OK
• Switch on loco light

Function icons (1-10)
• Show the activated special loco functions
• Menu level: subordinate levels

Shift symbol indicates key actuation

Prog
• Lights up as confirmation during programming
Menu level: programming menu

ABC lights up during text input

MENU
the WLANMAUS is in the menu level

* The specified functionalities refer only to this quick reference guide.

Thank you very much for choosing one of

Inserting 3 x AAA
Rechargeable batteries / batteries

First time switching on and connecting to Z21 WLAN:

Press the ✳OK key to turn on the WLANMAUS. Now select the language version by using the arrow keys. Press the ✳OK key again.

When switching on the WLANMAUS for the first time, you will be asked to enter the WLAN information of your WLAN router.

1. Display shows "SSID?" → Continue with ✳OK key.

2. Display shows "SEARCH" → Continue with ✳OK key. The WLANMAUS searches for available WLAN networks in your vicinity and displays them.

3. Select your desired WLAN network with the arrow keys and confirm with the ✳OK key.

4. Display shows "PWD?" → Continue with ✳OK key.

5. Enter the WIFI password → Continue with ✳OK key.

1. LOCO SELECTION

To control your loco with the WLANMAUS or to change settings, you must first select the loco. There are two ways to do this: the library mode or the address mode. The first time you switch on your WLANMAUS, it will start in the library mode.

1.1 Library Mode

In the library mode of the WLANMAUS, your locos are sorted by their names. To select the loco you want to control, simply scroll through the library using the arrow keys. ◆ ◆

When you switch on your system, the WLANMAUS display shows the name of the last loco used. When you switch on for the first time, the display will show "LOCO1" or the factory-assigned name of your starter set loco.

1.2 Address Mode

Alternatively, you can also control the locos by entering the decoder address. The decoder is located in your digital loco and receives the control signals from your WLANMAUS. All locos have preset address 3 at the factory.

- By pressing the key combination ⬆ + 🚃 you can switch between library mode and address mode and back.

- You can reach the desired decoder address either by using the arrow keys ◆ ◆ or by entering the address of the loco directly.

- To do this, first press ⬆ + ✳OK

- The adjacent display 2 appears. Enter the loco address in the number field.

- For example, to enter the loco with decoder address "3"
  press def3 and confirm with ✳OK

2. CREATING FURTHER LOCOMOTIVES

To create a new loco with the name "BR024" and address 24, proceed as follows in three simple steps:

1. **Create the loco with a new name in the WLANMAUS loco library.**
2. **Assign a new, not yet assigned decoder address in the WLANMAUS.**
3. **Set the decoder of the loco to the new decoder address with the WLANMAUS.**

2.1 Creating a new locomotive in the WLANMAUS

- Switch to the library mode.
- Scroll with the arrow keys ◀ ▶ until "NEW" appears in the display
- Confirm your selection with the key ✳ OK

- Enter the name with the numeric keypad. On the keys of the WLANMAUS there are – like on an old cell phone – all letters from A to Z. Each numeric key is assigned several letters. If you press once, the first letter appears, if you press twice, the second letter appears, if you press three times, the third letter appears. When you press the fourth time, the digit appears.

- Press 2 times the key **2 abc** for the letter "B" or press 4 times e.g. the key **2 abc** for the digit "2".
- After entering the text, confirm with ✳ OK

- Next, enter the new address that the loco is to receive.
  - First press **2 abc**, then **4 ghi**
  - Confirm your selection with the key ✳ OK

- Now select the possible speed levels that the decoder understands. For current decoders use 128.
  - Use the arrow keys ◀ ▶ to select "128" between the values.
  - Confirm your selection with the key ✳ OK

2.2 Changing the decoder address with the WLANMAUS

The decoder address is stored as the first configuration variable, CV1 for short, in the digital decoder of each loco. With the help of the WLANMAUS you can easily change this CV setting. Attention: For this programming **only one loco** may be on the track.

- Press the key combination **MENU** + **1** to access CV1
- Enter the desired loco address by pressing first **2 abc** and then **4 ghi**
- Confirm your selection with the key ✳ OK
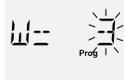
Now your loco has the decoder address 24 and reacts to all commands you give it with the WLANMAUS.

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Have a GREAT TIME with your digital system!

CE UK CA Alter/Age **14+**