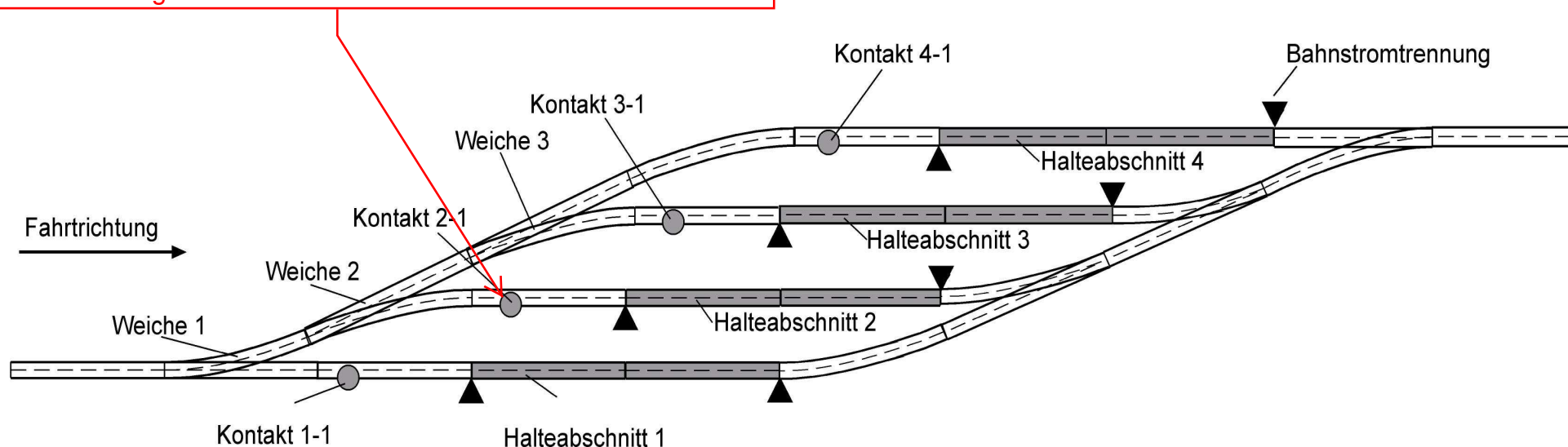


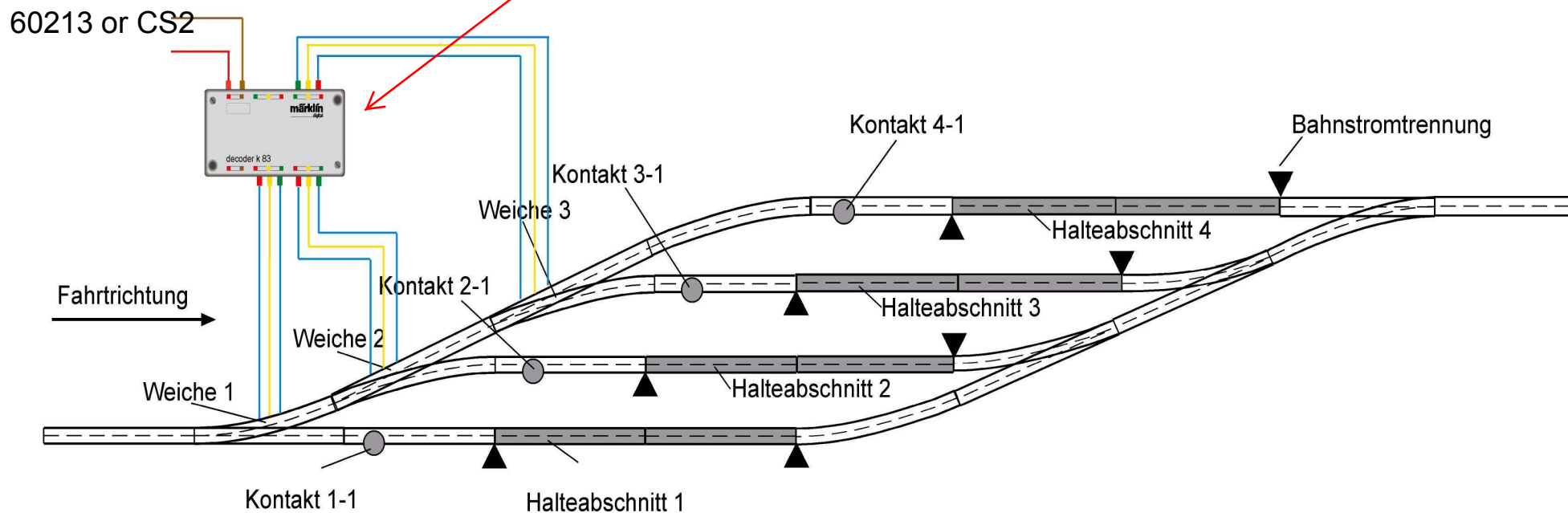
Memory: Example of a shadow yard using CS2, K83, K84

Note; only 1 contact track in this setup. This means the same contact track activates turnouts on the outbound side as well as reset the turnout where the train just entered. This is not practical as it will derail the train in case it has some wagons. If sidings were longer you would install a second contact track to re-align the turnouts on the inbound side.



- Kontakt X-X: Contact track with connection to S88 feedback module
- Bahnstromtrennung: Isolated center rail
- Halteabschnitt: Stop section (does not need to be 2 tracks - 1 track would be enough)
- Fahrtrichtung: Direction of travel
- Weiche: Turnouts

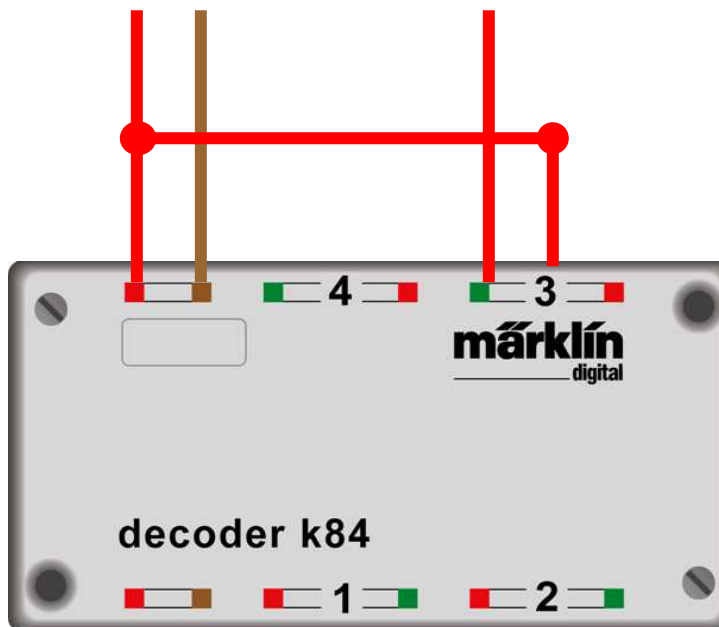
How to connect K83 decoders to turnouts
(if using Viessmann 5211 you can power
them from a separate power supply so
you will not waste CS2 track power)



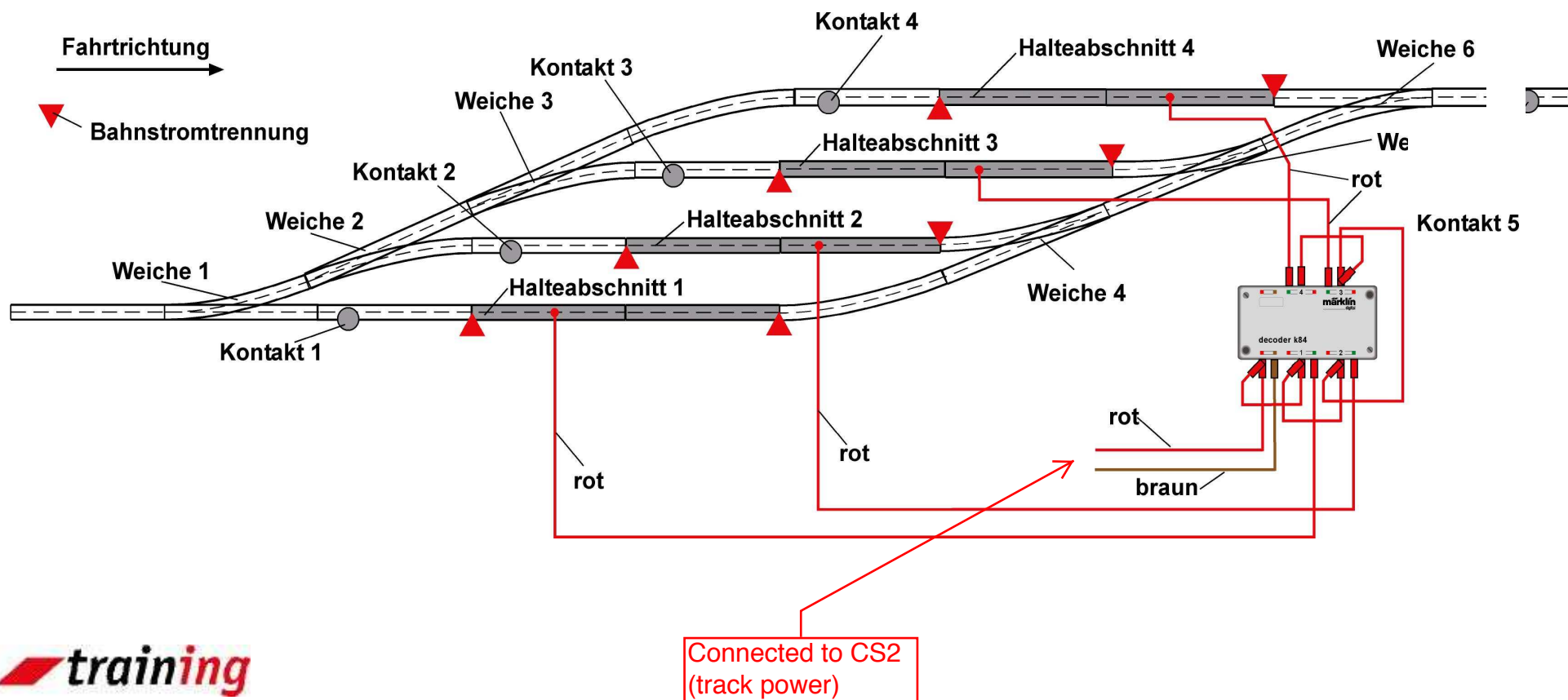
How to connect K84 modules

Connection from CS2
(track power)

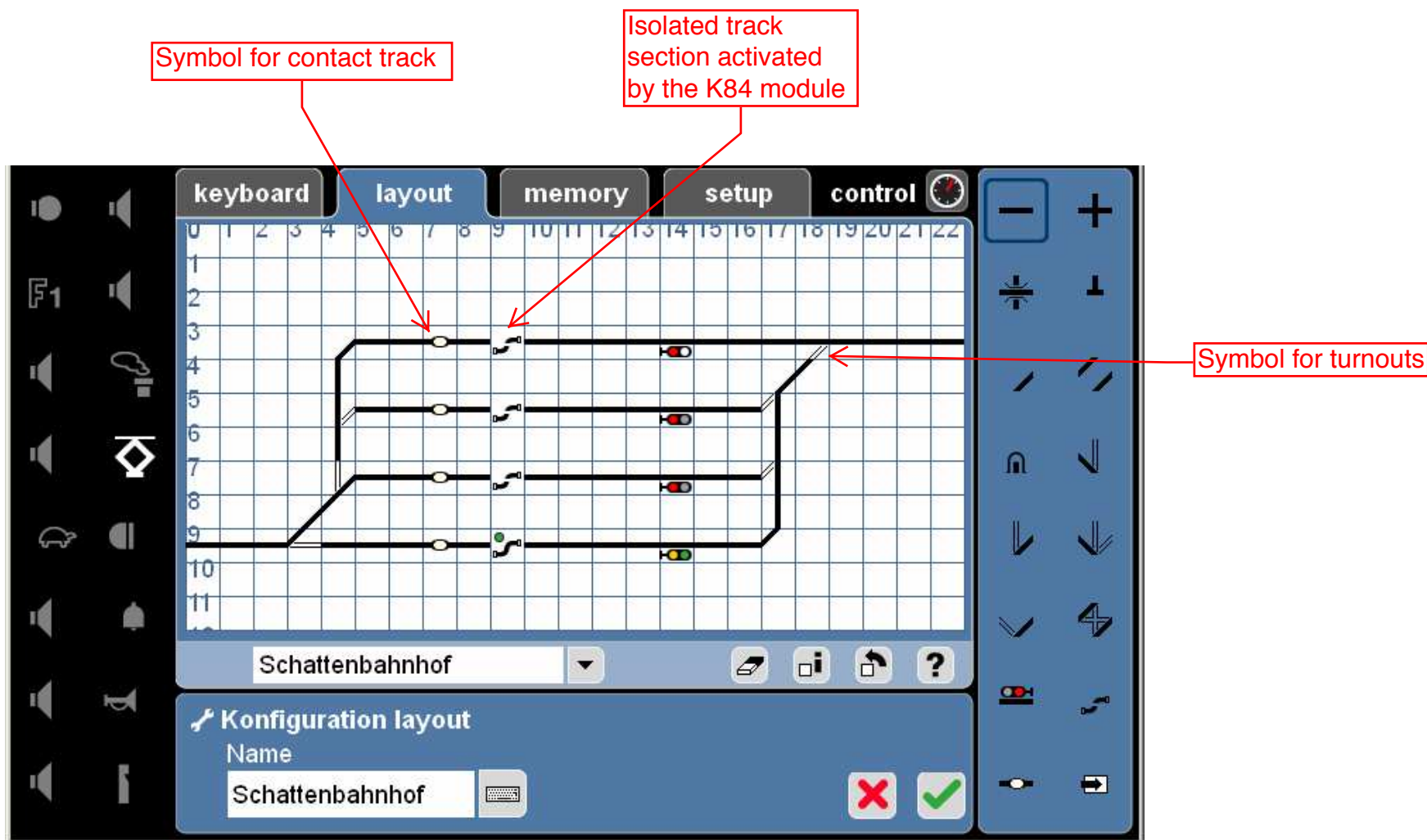
Connection to stop section
(when port is green it will give power to stop section)

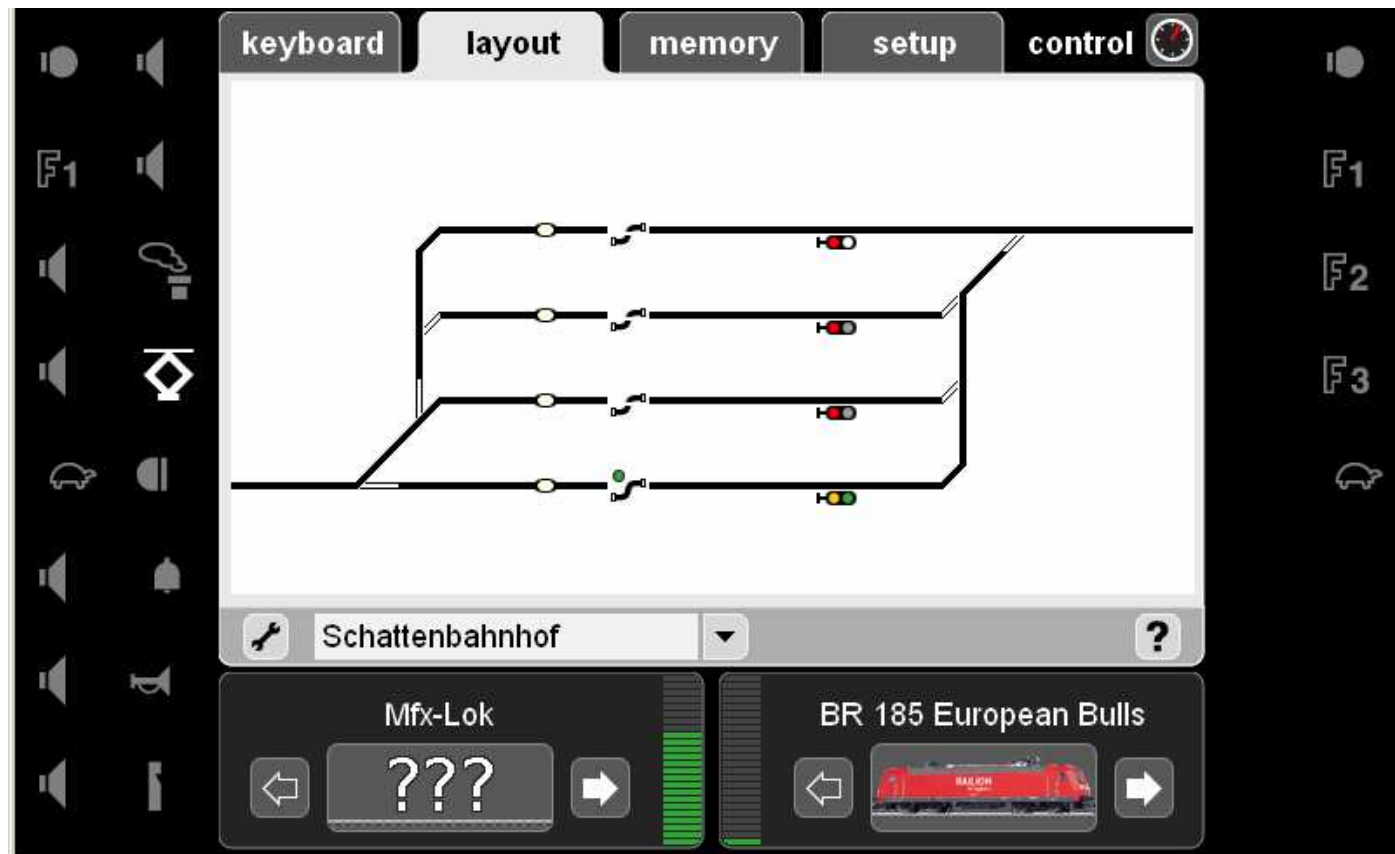


Memory: K83 wired to tracks

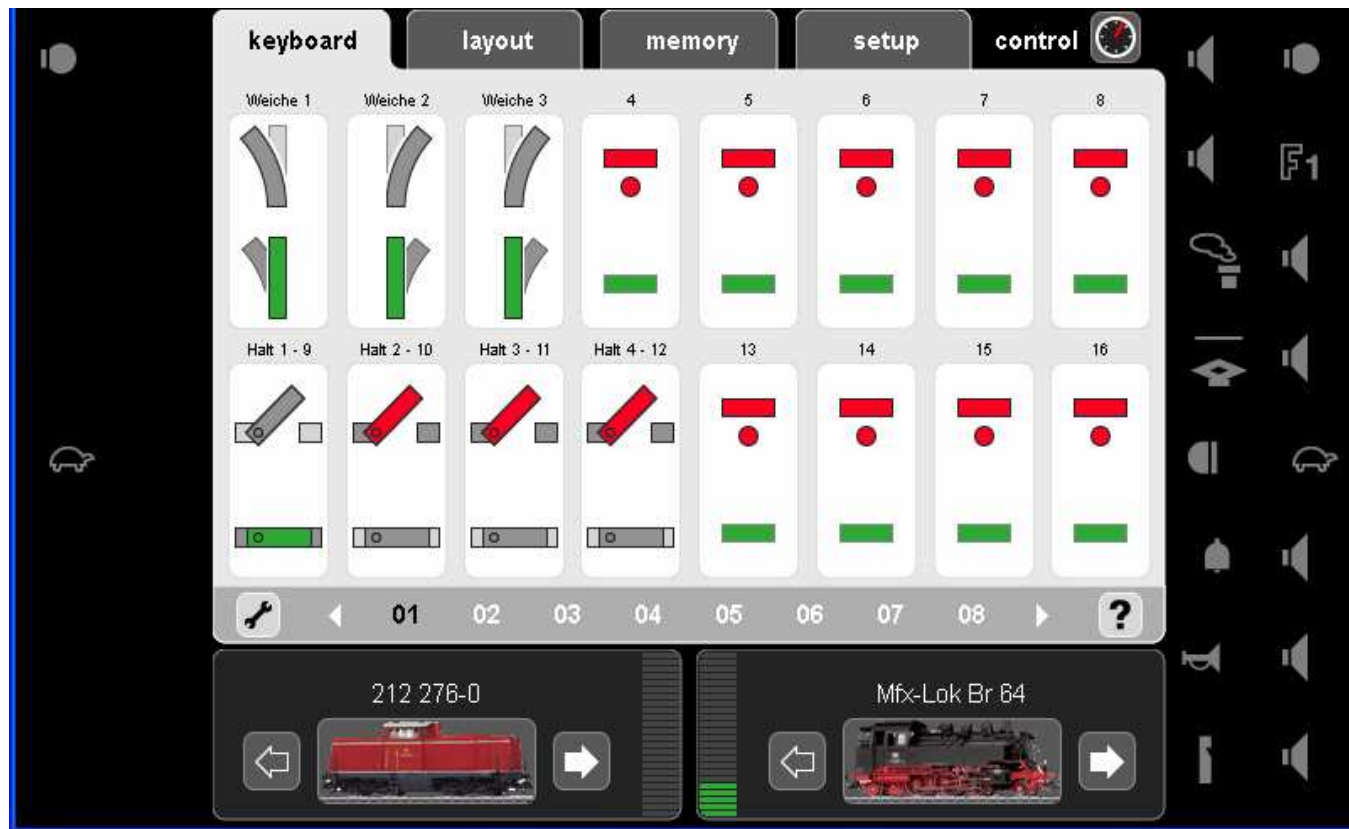


Layout: Make a layout in CS2 of the shadow yard





Keyboard: Configure all your solenoids here



Stop section 1-4 shown as:

Halt 1-9

Halt 2-10

Halt 3-11

Halt 4-12

First number is the stop section number. Second number is the actual number of the port of K

Memory: How to make the routes

The screenshot shows the 'memory' tab in the Marklin software. It features a grid of buttons for configuring routes. The grid is organized by track segments: Gleis 1-4, Block 5-7, and A8. Below the grid is a 'Konfiguration memory Gleis 1' panel with fields for Name, S88 Modul, and Kontakt. To the right of the grid is a vertical sidebar with icons for 'Halt 1 - 9', 'Weiche 1', 'Weiche 2', and 'Halt 2 - 10'.

Route is not active yet - press to make it automatic

Route 1 activates below:

1. Halt 1 - 9 red (no power)
2. Change turnout #1
3. Change turnout #2
4. Halt 2 - 10 green (power)

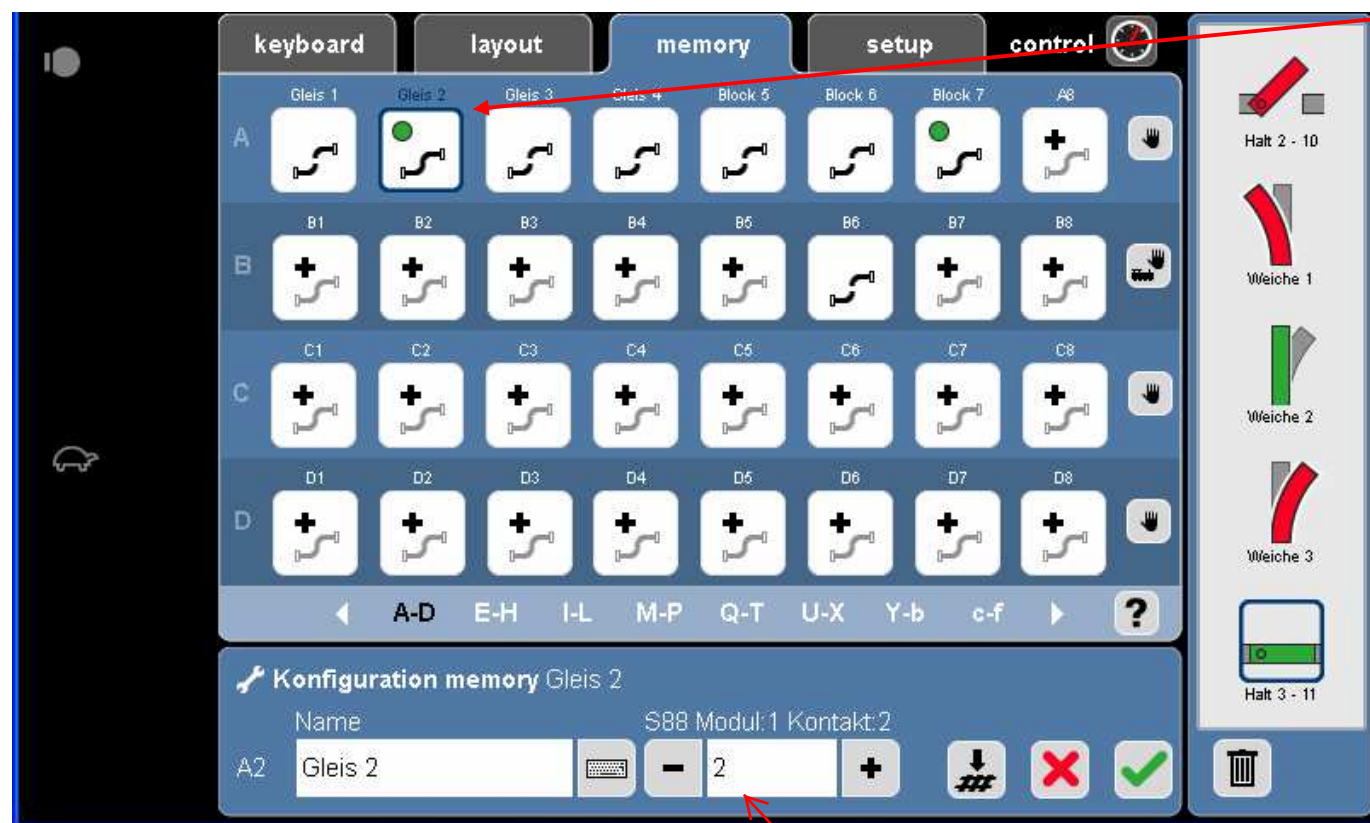
Konfiguration memory Gleis 1

Name: Gleis 1

S88 Modul: 1 Kontakt: 1

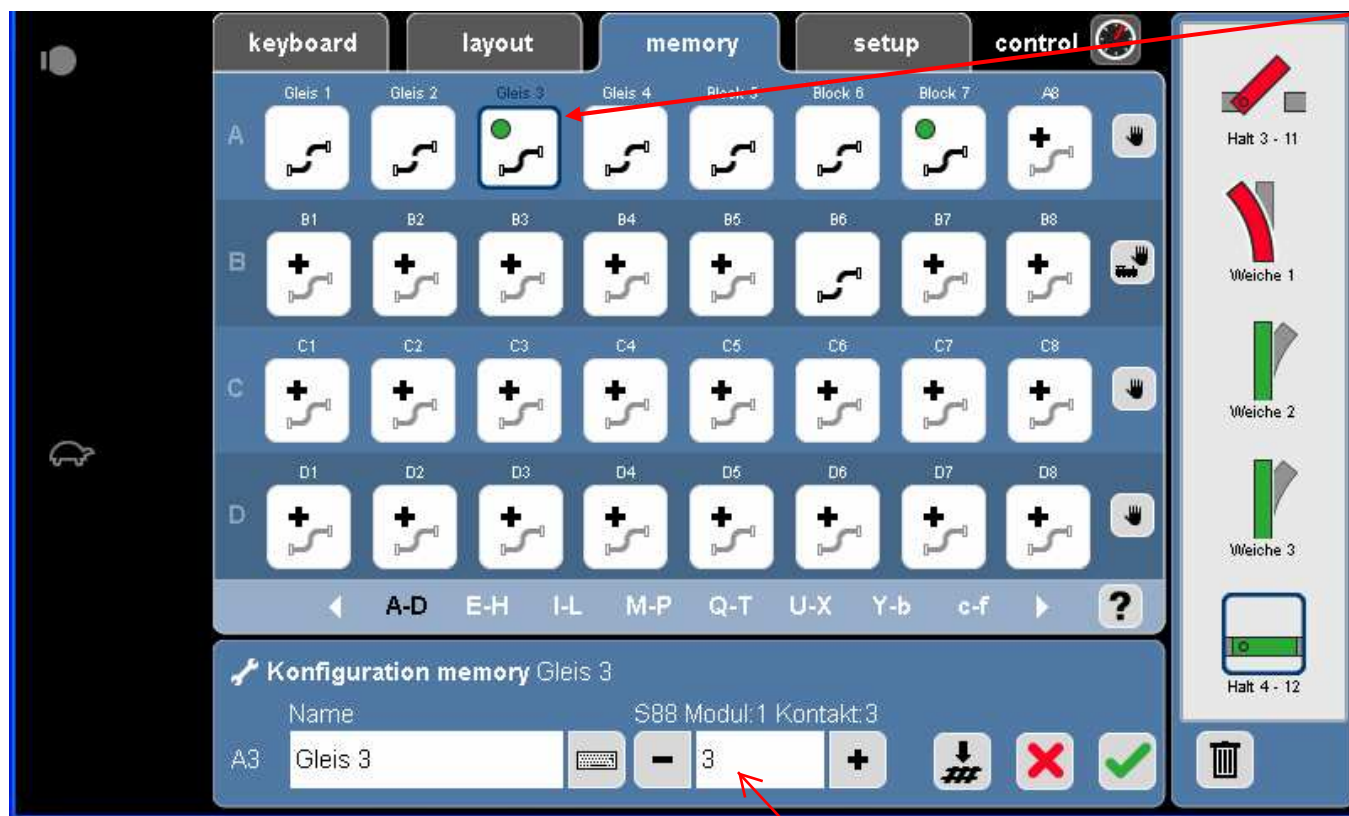
This route will be activated every time S88 module port 1 gets a signal from the contact track.

You could also add a route into here meaning that route 1 will activate route x



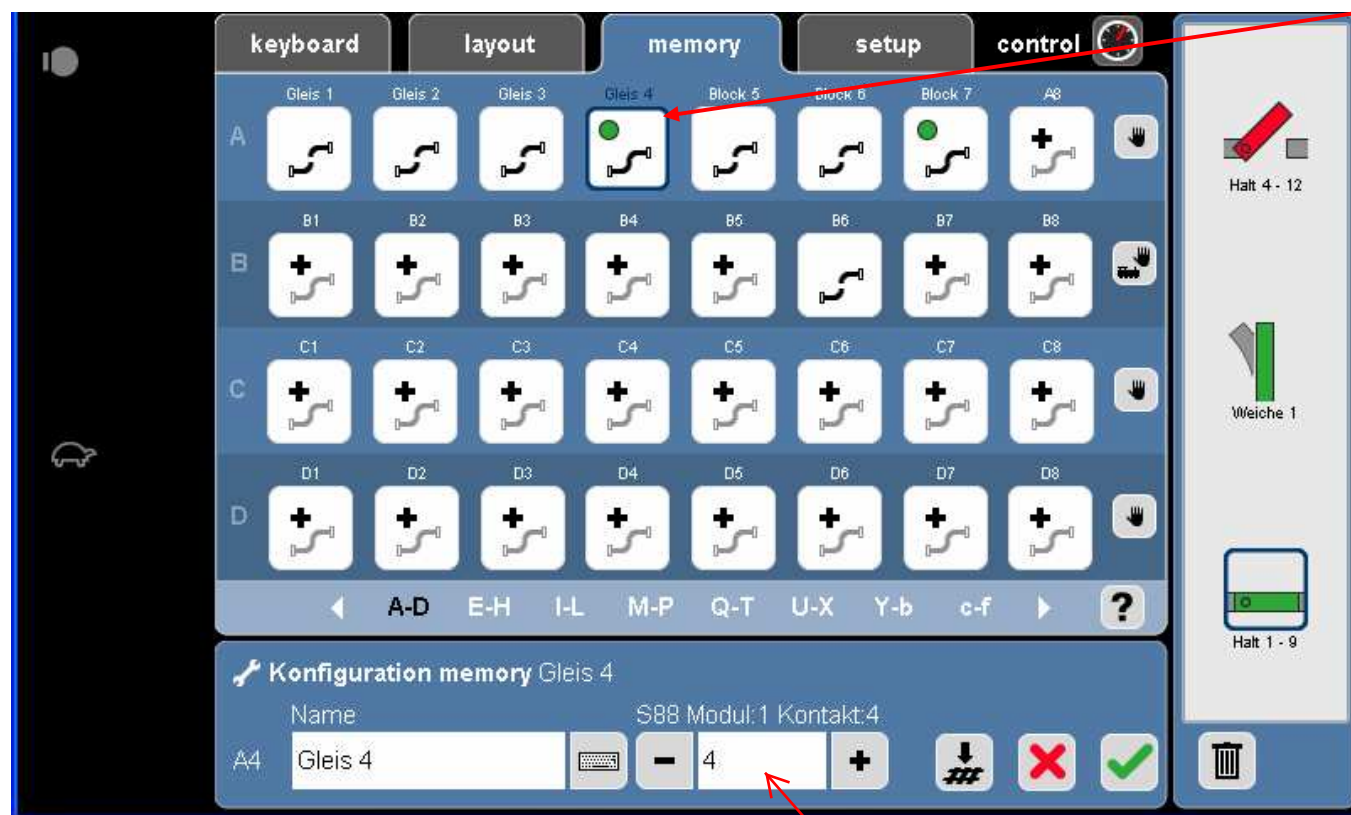
Route 2 activates below:

1. Halt 2 - 10 red (no power)
2. Change turnout # 1
3. Change turnout # 2
4. Change turnout # 3
5. Halt 3 - 11 green (power)



Route 3 activates below:

1. Halt 3 - 11 red (no power)
2. Change turnout # 1
3. Change turnout # 2
4. Change turnout # 3
5. Halt 4 - 12 green (power)



Route 4 activates below:

1. Halt 4 - 12 red (no power)
2. Change turnout # 1
3. Halt 1 - 9 green (power)