

DCC CENTRAL STATION WITH S88

Description

- 16 locomotives simultaneously
- locomotive address 1 to 9999
- 1024 accessory decoders
- 31 XpressNet devices (2x RJ12 plug-in connector)
- Programming and reading DCC decoders in Direct, Paged and PoM modes
- Supports 14, 28 and 128 locomotive speed steps
- Functions F0 to F12
- 128 feedback inputs with S88 modules (RJ45connector)
- 3A current output with voltage selection between 13V and 22V
- short circuit protection
- LED status indication

Transformer

Recommended transformer power supply: 16V - 18V/4A

Turnout control

Central s88 station operates in two modes: Lenz and Roco.

You need to configure it, when station adds 4 to the address of the turnout to be able to control it.

Setup:

Select any locomotive address on your hand controller. Don't worry, CV7 is a read only locomotive address! Use PoM (programming mode), program the value 50 into CV7. This switches Central s88 into configuration mode, the indication LED shows a double-flash. You have 15 seconds to program the value (see table) into CV7. Once set, the LED will light constantly.

Write to CV7	Effect
CV7=76	Roco (default)
CV7=77	Lenz

Programming track

The programming track must be isolated from main track in both rails. During programming Central station disconnect main track, only programming track is active.

Feedback input

The module has RJ45 terminal to connect your Feedback modules with 8 wires cable. The address of the first module is 65 (inputs 1 to 8), next is 66, etc. The maximum quantity of modules can be up to 16 (128 controlled sections).

Troubles and resolves (LED status)

LED status	Cause	Solution
Does not light	Power supply switched off, power plug of transformer is not in outlet.	Switch on power supply, check wiring from transformer to Central s88
Continuously on	Normal condition	
Continuously on, but locomotives do not run	The connection from the Central station to the track is broken	Test and correct connections
Flashes fast	Short or overload on the layout, STOP button pressed	Check layout and fix the short circuit. Press the emergency stop key on your hand controller. Take locomotives off the track.
Flashes slowly	System is in service mode	Finish programming. When service mode is exited the system will resume normal operation.
Double-flashes	System is in configuration mode (after setting CV7 with value 50 in PoM mode)	Program CV7 in PoM mode with the appropriate value After 15 seconds the system returns to normal operation

