

Gross Funk[®]

Our Stars on stage



- ☞ Stage trolley with electrical differential- and Mecanumdrive
- ☞ Remotely controlled:
 - ✓ lightning sets
 - ✓ effect controls
 - ✓ cable winches
 - ✓ revolving stages and traversers

Automotive stage trolley

- ☞ drives safely with remote control
- ☞ steer and drive with one lever
- ☞ available in two model variants

Model variant I with electrical differential drive



Stage trolley with remote control ¹⁾

- ☞ stepless, sensitive drive
- ☞ driving directions forward / reverse, cornering with infinitely controllable steering radius
- ☞ low weight
- ☞ high loadout
- ☞ low current consumption, long-lasting battery
- ☞ comfort driving function
- ☞ high functional safety
- ☞ not accident-sensitive
- ☞ additional switching functions for effects
- ☞ frame system of 90 x 90cm
- ☞ drive with 2 DC motors
- ☞ many add-ons

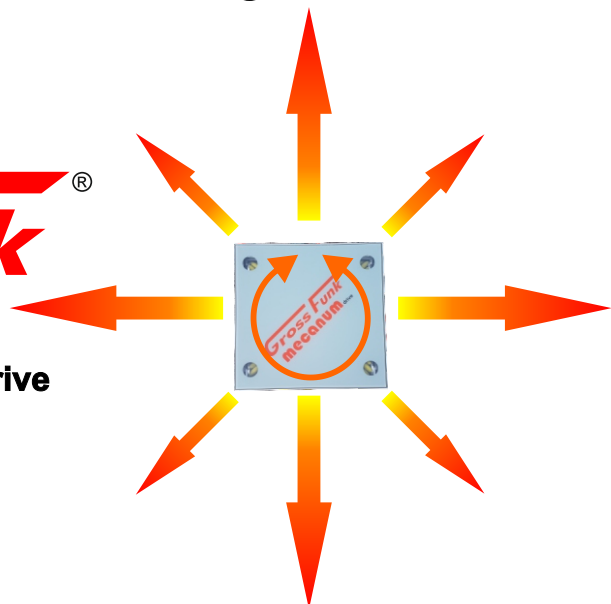
¹⁾ Image shown with add-ons

Model variant II with Mecanum drive



- ☞ driving in any direction from every position
- ☞ rotation on the spot
- ☞ high velocity
- ☞ high performance drive with 4 DC-motors
- ☞ secure remote control
- ☞ sensible controlling properties
- ☞ programmable autonomous drive
- ☞ intelligent sequence management

Gross Funk[®]
mecanum drive



only straight forward was yesterday

Possible applications



Carshows

Enables you to silently move cars on theater- or showstages as well as in showrooms. Use the powerful system as a turntable to create a lively, dynamic and interesting experience for your visitors.



Car reveal during presentation of new models

Movement on the soundstage

Add a moving touch to your performance



Drumbattle held on two stage trolleys



used by:

- ☞ solo artists with instruments
- ☞ ensembles
- ☞ choirs

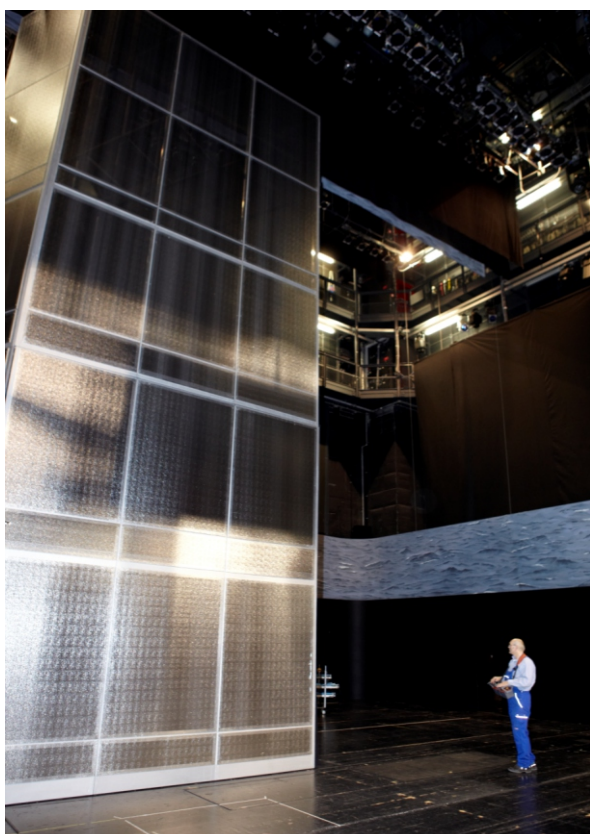
For shows and events



- ☞ high diversity
- ☞ simple to upgrade
- ☞ even on ice (optional)
- ☞ remotely controlled additional functions and effects



Life on stage



- ☞ move and rotate
- ☞ for the perfect open transformation



Optional special functions (only available for version 1)

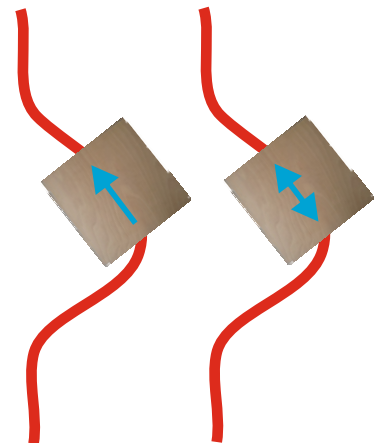
master transmitter



The master transmitter controls two stage trolleys simultaneously. In addition to the functions "trolley 1" and "trolley 2", it has a selector switch for "trolley 1", "trolley 2" and "tandem". An additional potentiometer allows the synchronism comparison of two simultaneously controlled trolleys. The option has to be chosen at the time of ordering; re-fitting is not possible!

automatic tracing of lines ¹⁾

With this option, the stage trolley traces affixed lines. The line can be applied with an adhesive tape of 25 mm. The automatic operation works in one direction only



In case of a collision with any obstacle, a circulating protection strip stops the stage trolley immediately. The protection strip is flexible and can also be put on the outline of any built-up.

collision sensor ³⁾



preparation safety package¹⁾

This option allows the add-ons with optionally available safety sensors, e.g. stage edge sensor and collision sensor

stage edge sensor ³⁾

4 sensors for recognition of the stage floor. In case the stage edge is overrun, the stage trolley stops immediately.

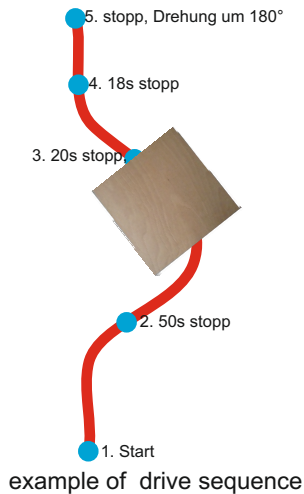


¹⁾ This option has to be chosen at the time of ordering. Re-fitting is not possible!

²⁾ For this option, the automatic tracing of lines is precondition.

³⁾ Precondition for this option is the safety package

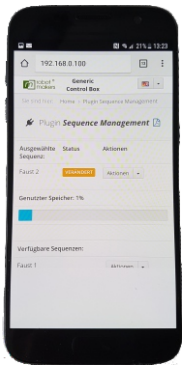
Optional autonomous drive with sequence control (available for both models)



Programmable drive sequence control

Add-on of automatic tracing.
Teach-in and save any drive sequence
which can then be repeated at will.

In addition to the learned stop positions, speeds and
stop times are saved. An interface allows the monitoring
and archiving of the saved sequences.



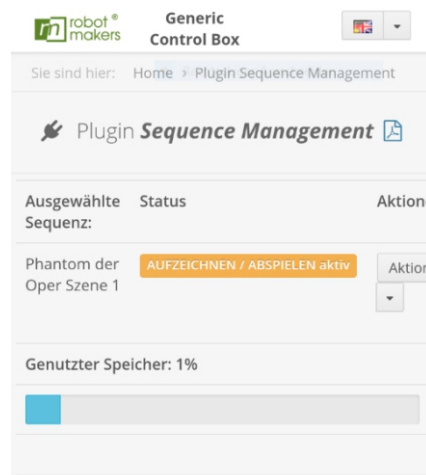
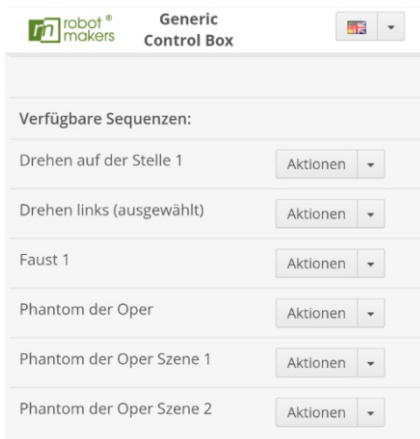
Drive sequence management

The integrated webservice enables you to modify and manage preset
sequences via WIFI from your connected device such as notebook,
tablet or mobil phone.

The browserbased userinterface is platform independent.

Using the sequence-management's web-frontend you choose the desired sequence to
play, edit or delete.

Some impressions





GF-T31



GF-T30



GF-T23



GF-T08

Remote controls from Gross-Funk

- ☞ proportional
- ☞ sensible
- ☞ ergonomic
- ☞ safe (TÜV tested SIL3)
- ☞ reliable
- ☞ custom
- ☞ systems with display



GF-T26



GF-T14

Security is important for us!

- ☞ redundant emergency stop
- ☞ double data evaluation
- ☞ zero position monitoring
- ☞ safe against unintended movement
- ☞ monitored safety channels
- ☞ secure data transfer with GROCOM 128
- ☞ reliable reception with **REFLEKTOMAT** [®]
- ☞ certified QM-system according to ISO9001
- ☞ extremely robust design
- ☞ Tried and tested technique, based on 30 years of experience in development and production of radio remote controls for the safety-relevant professional use
- ☞ he safety-relevant professional use
- ☞ simple but solid drive concept (dc voltage)
- ☞ high availability of the remote control through narrowband and selective receiver
- ☞ reliable data transfer
- ☞ narrowband radio transmission not only guarantees an optimal range, it also keeps other radio services (e.g radio microphones) unimpaired