

falken°hr
home of music

Genium Line - Cable laying system CS-II

Much more than just a Hi-Fi rack.



Dear music lover,

in this guide, we will try to explain the technological requirements for cable routing as clearly as possible and to present the solutions derived from them in FalkenOhr audio furniture.

If anything is unclear or if you have any further questions, please feel free to contact us at office@falkenohr.at.

We hope you enjoy reading.

Robert Mayr, CEO FalkenOhr





CS-II cable laying system for decoupling the cables

FUNCTIONALITY

In order to enable an outstanding sound of the components of your HiFi system, they must be kept as free as possible from interference. Of course, the same applies to the connecting cables.

In addition to the classic electromagnetic interference, which can be reduced to a minimum by excellent shielding of the cables themselves, mechanical vibrations and shocks also influence the reproduction quality.

Vibrations occur in several ways and can be transmitted by structure-borne or airborne sound.

Structure-borne sound is generated, for example, in the housings of the hi-fi components themselves and is transmitted from there directly to the cables. These vibrations are present to a greater or lesser extent depending on the design of the components.

The airborne sound for example generated by loudspeakers stimulates our eardrum but also all other bodies to vibrate.



CS-II cable laying system for decoupling the cables

This results in the following criteria for the best possible cable installation:

- Extensive structure-borne noise decoupling of the cables from vibrating bodies
- Decoupling of the cable laying from the airborne noise by a housing = FalkenOhr Genium Line
- Conversion of the inevitable vibrations introduced into the cable into heat
- Lay cables floating freely and as tension-free as possible without clamps

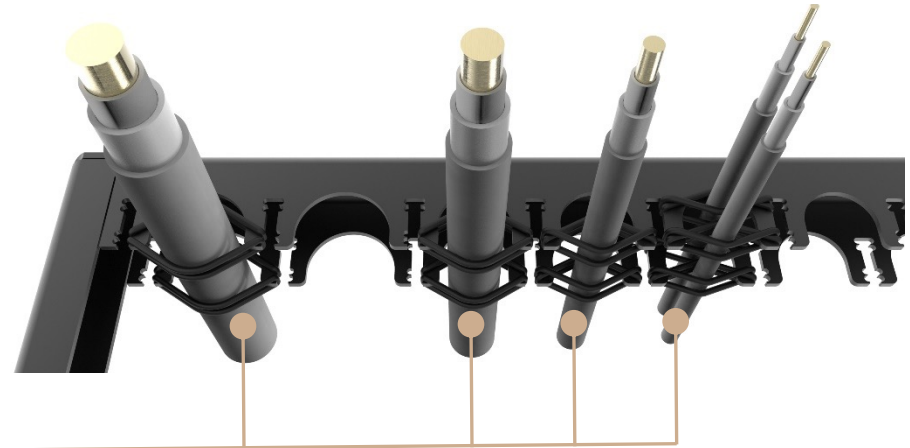


CS-II cable laying system for decoupling the cables

As a result of these requirements, we have developed our new CS-II cable laying system with the following features.

- NBR O-rings for cable bearing - for conversion of vibration energy into heat and for mechanical decoupling of cables
- Flexible use for cable diameters from 6-20 mm
- conversion of vibration energy into heat
- Additional decoupling of the cable mounting bar to the HiFi rack

Your benefit: Clean orderly cable routing and a minimization of external interference on the cabling and thus a clear improvement in the sound quality of your electronics.

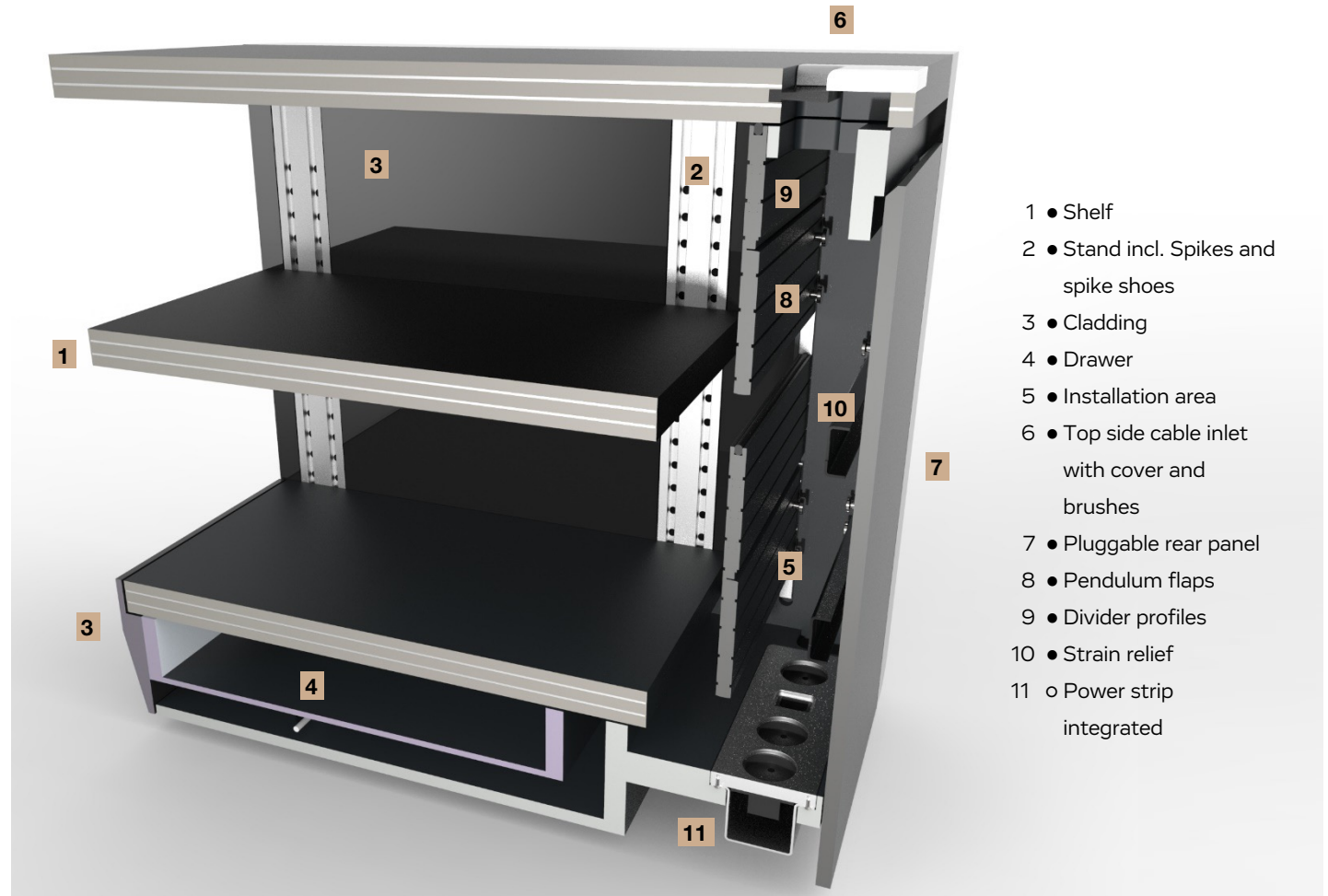


Genium Line – Installation Area

The CS-II cable laying system is used in all our Genium models.

- Genium Line models are equipped with a separate, very easily accessible space (=installation area) for cable installation.
- Designed for cable diameters up to 20 mm and plug diameters up to 42 mm - Not suitable for very stiff cables!
- Completely decoupled from the sound core.

Your benefit: "Invisible cable installation", protection against dust and easy cleaning.

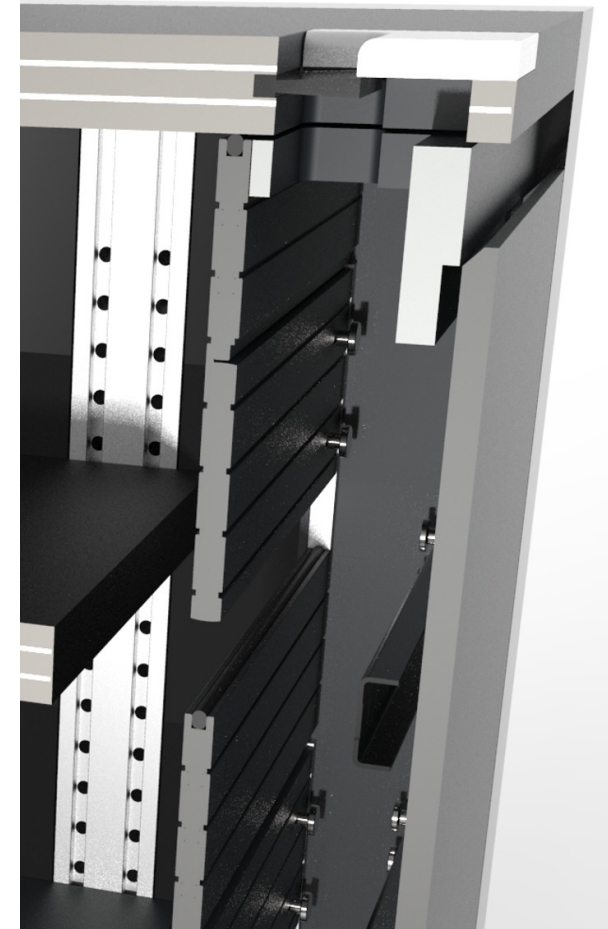


Genium Line – Pendulum flaps

Lockable pendulum flaps for models 516 or 317 (optional).

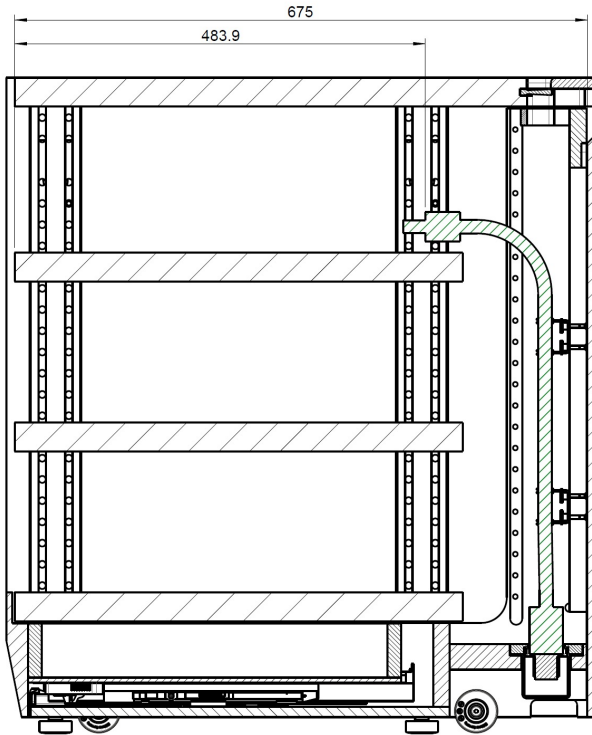
- The pendulum flaps can be opened or completely removed during cable installation.
- After completion of the installation, they can be reinserted respectively locked.
- Spatial separation between the equipment area and the installation area.

Your benefit: After completion of the installation, only narrow slots remain between the device and installation levels. You can see virtually nothing of the cabling from the front of the furniture.

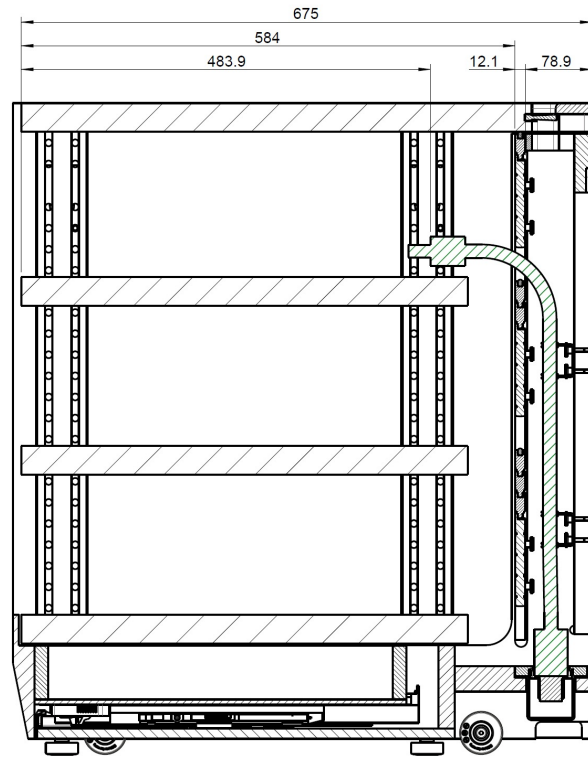


Genium Line – Dimensions of the Installation area

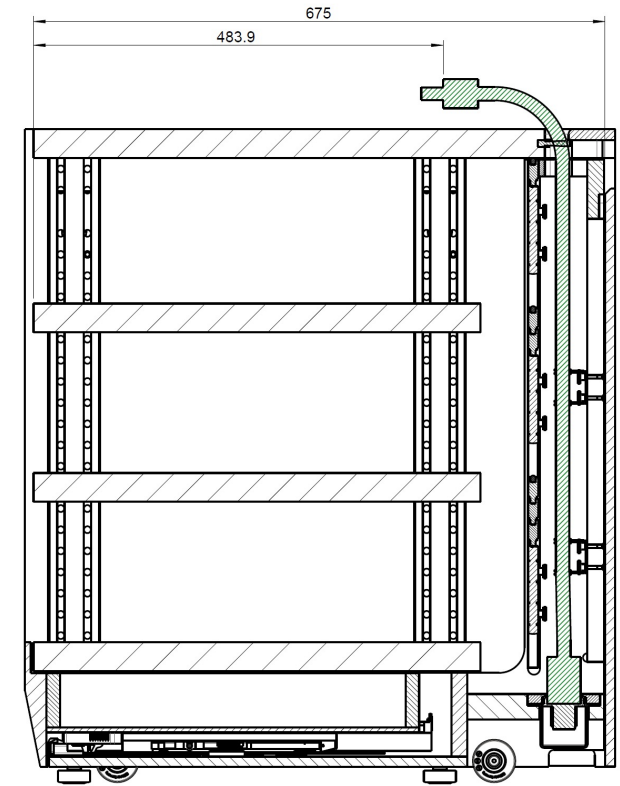
Cable run inside

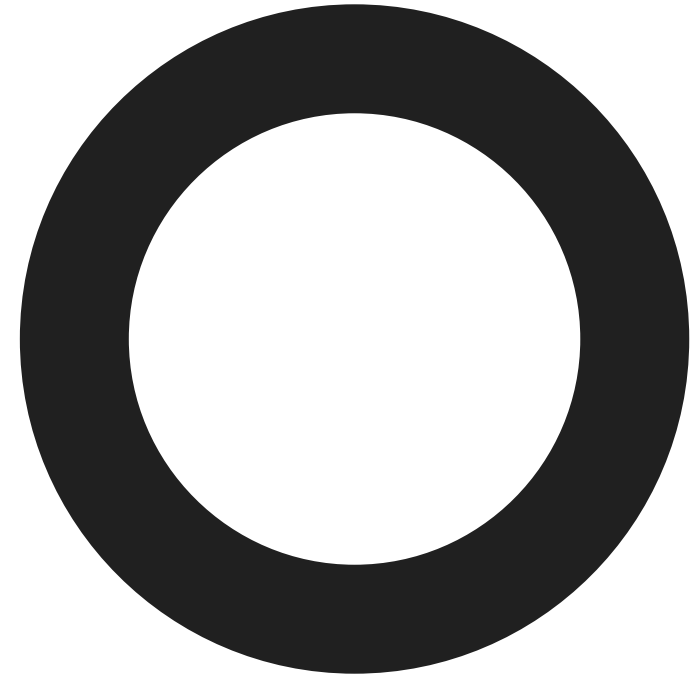


Cable run with pendulum flaps



Cable run to the top





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