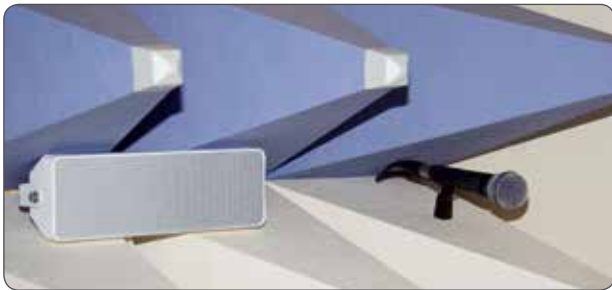


Shielded Audio Sytem – FAS Shielded Optical Converters – FOC

FAS 3.0 – Shielded Audio System:

The audio system FAS 3.0 is able to work and guarantee high quality communications in any strong environment during EMI or EMS tests. The FAS 3.0 system is made of passive components inside the chamber, so they are not affected by high field strengths and don't generate any emission according to CISPR22. Developed in collaboration with automotive EMC labs, this system passes successfully all the requirements. Based on high quality components the FAS 3.0 is a full duplex system and guarantees a frequency response closed to HiFi requirements. (Very sensible with a signal/rate > 89 dB and a distortion rate of 0.007 %).

High power speakers are installed into the chamber.



Main characteristics:

- Avoids any interference problems
- Equipped with ultra low noise preamplifier, compressor, expander, feedback destroyer and several adjustable filters
- No batteries are necessary to operate the microphone
- Designed for continuous operation

FOC S – Shielded Box for Optical Converters

Frankonia integrates any type of optical converters according to your request.

In order to avoid the generation of any additional noise when installing such equipment into a chamber, Frankonia delivers the part of optical converter into a shielded and filtered universal box located under the ground plane of the chamber.

For signals crossing the shielding where filters are not available:

- IEEE 488.2
- USB 1 or 2
- Ethernet 10-100-1000BT
- FireWire
- Keyboard, video, mouse of a computer
- HDMI
- DVI
- Etc ...

