



Photo: Fohhn Audio AG

FOHHN AUDIO AG

CUSTOMER SUCCESS STORY

PERFECT SOUND MEETS HIGH QUALITY POWER CONTROL

HOW FOHHN AUDIO AG ENSURED SIMPLE AND SECURE ROOM CONTROL DURING THE MOVE TO THE NEW COMPANY HEADQUARTERS

Fohhn Audio AG is a German manufacturer of professional sound systems. The medium-sized company from Nürtingen has been developing high-quality audio systems for almost 30 years, ranging from in-wall loudspeakers, line array speakers and point sources to powerful power amplifiers. Besides the development, all products

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OBJECTIVES

Coordinated and remote startup of room technology as needed, as well as shut-down of AV technology for periods of no use. Monitoring and control of the AV IT installation.

PRODUCT SOLUTION

Expert Net Control 2302 - Monitoring system with 4 relay outputs and 8 passive signal inputs for the DIN rail



Reliable control: Expert Net Control 2302 used eight times in the new SoundLab
Photo: Fohhn Audio AG

are also manufactured at the company's headquarters near Stuttgart and sold from there on the global market.

Due to the continuing success of the business, it was only a matter of time before the audiophile Swabians outgrew the space in their old company buildings, which were spread all over the city: A new and modern company headquarters was needed.

In January 2020, the time had finally come: The staff of Fohhn Audio AG was able to move into a building complex that leaves nothing to be desired in terms of its equipment and modernity. The new building is designed as an innovation center, in which additional measurement laboratories, several seminar rooms and a SoundLab were opened in addition to the production and administration rooms. This serves the manufacturer to present its cutting-edge audio technology. Here, visitors can hear demonstrations of electronic room acoustic and dive into immersive and 3D sound experiences.

"We are highly satisfied with the solutions from GUDE Systems: The products are well thought-out, easy to use and the integration and configuration via Ethernet worked wonderfully. Via the GUDE devices, we supply all Fohhn power amplifiers, processors, screens, moving lights and computers within our SoundLab with power. This means that we have full control here and, above all, can switch the consumers on or off as needed."



Samuel Hartmann
Technical contact

Room technology under control

When equipping its new headquarters, the successful sound specialist from southern Germany left nothing to chance. The demand for reliable, high-quality products was also reflected in the design and implementation of the company's own AV and IT infrastructure. Objectives such as fail-safety, smooth integration and ease of use were already given top priority in the planning phase.

It is therefore not surprising that the AV and IT experts at Fohhn became aware of GUDE's remote maintenance and power distribution systems at an early stage. Because they needed reliable control systems for their state-of-the-art Soundlab that would allow them to

switch room technology on or off in a coordinated manner as needed.

With the Expert Net Control 2302-1, these requirements could be completely fulfilled: The network-compatible remote I/O system offers various remote control options for the loads connected to the device. Thanks to the integrated relay outputs, these consumers can be switched individually - on the device or securely via HTTPS. In Fohhn's Soundlab, a wide range of end devices can now be controlled by means of a media control via the remote control system: power amplifiers, screens, lighting elements and computers. This means that all devices in the Soundlab can now be

IN THE SOUNDLAB, NOTHING IS LEFT TO CHANCE WHEN IT COMES TO POWER MANAGEMENT

Solved problems

1. Complicated control of room equipment for users
2. Lack of control over the power supply
3. High power consumption and costs due to continuous operation of room equipment



The modern headquarters of Fohhn Audio AG in Nürtingen
Photo: Fohhn Audio AG

switched on as needed and switched off again after a successful presentation.

The advantages for Fohhn employees are obvious: On the one hand, the handling of the room technology is significantly simplified for the users of the Soundlab. This is because the entire infrastructure can now be completely controlled with just a few clicks or taps of the finger. On the other hand, the coordinated deactivation of standby consumers allows considerable power savings, as 24/7 operation is effectively avoided.

By the way: GUDE's switchable Power Distribution Units (PDUs) are now also used in the modern seminar rooms at the new Fohhn headquarters. With the Expert Power Control 1104-1 intelligent IP socket, employees now have the option of controlling the screens integrated in media steles and switching them on a mission-related basis. This can be realized adhoc or schedule-based. In addition to this simplified control, the PDU also increases fail-safety: If irregularities occur with the media steles in the seminar rooms, the switchable power distributor initiates an automatic restart.

THE AUDIOPHILE SWABIANS VALUE RELIABLE IT HARDWARE



For almost 30 years, Fohhn Audio AG stands for high-quality audio technology

Photo: Fohhn Audio AG

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