

Smart Audio Controller Integrates Classic Loudspeakers into the IP Data Network

At the "elektrotechnik" trade fair, a trade fair on the sector of electrical engineering held in Dortmund, Germany, MICROSENS demonstrates how classic loudspeakers can simply be integrated into the IP-based data network.

Hamm, February 15, 2017 – After telephony and video-technology, acoustic units are also becoming part of the IP data network. The new Smart Audio Controller of the euromicron subsidiary MICROSENS permits the easy and reliable integration of existing classical loudspeakers into the data network. The Smart Audio Controller converts the IP audio data to analogue audio signals, therefore offering particularly economical migration to IP technology.

There are multiple applications of acoustic units in modern buildings: No matter whether background music in department stores, announcements, or acoustic alarms which serve to address or warn persons in buildings in a targeted manner – there is scarcely a larger building without loudspeaker systems. IP-based solutions offer the advantage that announcements can be limited to specific rooms or sectors. In the case of alarms, predefined announcements tailored to the corresponding section and alarm case can be initiated automatically.

With the new Smart Audio Controller, MICROSENS provides users with the option to make use of the benefits of IP-based units with the existing, classic loudspeakers. The configuration of the Controller is conceivably simple. As a part of the path-breaking Smart Office Concept, it is controlled over a MicroApp on a MICROSENS network switch, which also supplies power via Power-over-Ethernet. Alternatively, you can also purchase a compact power supply with 24 V DC.

The Smart Audio Controller accommodates accesses for a loudspeaker (8 Ω , max. 10 W), a microphone, and up to 6 push buttons for customer-specific extensions. They can be used, for instance, to integrate door intercommunication systems into the IP network.

Experience the interactive Smart Office Showroom live at the elektrotechnik trade fair in Dortmund from February 15 to 17, 2017 at the MICROSENS booth in Hall 4, Booth C50.

For further information, please go to www.microsens.de

PRESS RELEASE

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About MICROSENS

Since 1993, MICROSENS GmbH & Co. KG has stood for fiber optic solutions. As one of the pioneers of fiber optic transmission systems, the internationally active company covers all performance sectors of fiber optic technology. Starting with solutions for future-proof office networking and high-availability in rough environments, the product portfolio ranges from large-scale site networking and interconnection of computing centres up to high-performance Wide Area Networks (WANs). In all these fields of application, MICROSENS provides and ensures efficient, fast, and secure data transfer. As an internationally successful manufacturer, MICROSENS distributes its products on a worldwide scale. In addition to the company headquarters in Hamm in Westphalia (Germany), MICROSENS also has sales subsidiaries in France and Poland to optimally fulfil the diverse requirements of its customers on-site.

About euromicron:

As a company group, euromicron AG (www.euromicron.de) combines medium-scale high-tech companies from the sectors of digitalized buildings, and critical infrastructure. As a German specialist for the Internet of Things and Industry 4.0, euromicron enable their customers to network business and production processes and to successfully venture the path to a digital future. From the design and implementation over the operation up to combined services, euromicron implement customer-specific solutions and, thus, provide the necessary IT, network and security infrastructures. In this way, euromicron enable their customers to migrate the existing infrastructures to the digital age in a stepwise mode. The expertise of euromicron supports the customers of the company in increasing their flexibility and efficiency as well as in the development of new business models which set the cornerstone for the corporate success of tomorrow. The technology corporation, which has been registered at the stock market since 1998 and has its headquarters in Frankfurt am Main, employs approximately 1,800 employees at 30 company sites. The euromicron group includes 17 subsidiaries in total, among them the brands Elabo, LWL-Sachsenkabel, MICROSENS, and telent.