



AVEC G2

SOUND REPRODUCTION AND VOICE EVACUATION SYSTEM



THE POWER OF SPEECH

Audico Systems Oy is a Finnish company providing versatile AV solutions and products. Audico is also a manufacturer of sound reproduction equipment and conference systems for public spaces. During the past years, we have invested strongly in product development. Due to the outlays, our current digital systems represent the state of the art, also globally speaking.

Audico Avec G2 is our latest sound system product that offers a comprehensive range of innovative features covering a multitude of sound reproduction needs. The heart of the system is a digital multichannel amplifier, which contains routines for diverse digital signal processing and the monitoring of system operation. Thanks to being digital, the sound quality, efficiency, and flexibility of the systems are excellent.

Avec combines both entertainment and PA use properties in the same equipment, in addition to self-monitoring of the system in accordance with voice evacuation standards. Audico Avec G2 is an optimal system for background music, public address and voice evacuation in all public buildings.



AUDICO AVEC G2

FLEXIBLE

The Avec system can be extended from a single paging zone system to an extensive system covering several buildings. By connecting units, you can create a system, with as many as 64 central units and 512 speaker lines with numerous paging zones. The central unit repeats all necessary alarm and evacuation commands, which are saved directly in the message memory. Places suited for the system include public spaces like schools, shopping centres, hospitals, bus and train stations, air and seaports, and hotels.

EASY

The operation of Audico Avec has been designed to be extremely easy. The system's design programme automatically comprises a central unit configuration file, system wiring instructions and documentation. The features of the system can easily be changed afterwards. We offer our clients design instructions and example solutions for various applications.

EFFICIENT

Our devices are a part of the building's electrical equipment, and they are required to feature long lifetimes. We design and manufacture our products to be used at full power 24/7. The efficiency of a digital amplifier is one of its key features, which means less lost heat, saved electricity and cheaper secondary power supply - a longer life cycle for the system.

“The best way to guide people in an emergency is to talk to them”

The versatile paging/control consoles of the Avec family are used for making announcements, playing messages, they give on-screen information on the equipments status and are used for selecting programme sources and adjusting volumes. The consoles are stylish and the user interface is logical and easy to use. The Avec consoles have been separately certified and also comply to the marine EN 60945 standard.



EN 60945 MARITIME NAVIGATION
AND RADIOCOMMUNICATION
EQUIPMENT AND SYSTEMS





The digital ADA 8x8 central unit has a small - yet powerful digital signal processor and eight high-powered amplifiers. The system has everything a sound system central needs. Through an easy and descriptive configuration software the system can be made to measure to various customer needs.

The transformer unit ALT 8x8 transforms an output of 8 ohms into 70V/100V suitable for constant voltage speakers. All lines can be controlled with override voltage given by the unit. With Audico Avec equipment, you can use all programme sources, central units and speakers in the Audico product range.



EN 54 -16
VOICE ALARM CONTROL
AND INDICATING EQUIPMENT



EN 60849
SOUND SYSTEMS FOR
EMERGENCY PURPOSES

RELIABLE

The key role of a sound reproduction and voice evacuation system is to transmit information - sometimes in extreme circumstances. Sirens, sounders and bells don't communicate clearly what the emergency is, that is when a spoken message is the most effective way to direct people, especially in unfamiliar spaces. In the EU area, the requirements for voice evacuation systems are defined in the general EN 60849 and the new EN 54-16 standard, which specifies the requirements, test methods and performance criteria for voice-related components in fire alarm and detection systems. The new standard takes effect 1 April 2011.

The Audico Avec G2 system is certified for compliance to the EN 54-16, EN 54-4 and EN 60849 standards. With Avec we can achieve large systems according to the requirements. The standard also sets guidelines for other participating parties. We guide electrical engineers, contractors and users to fill their set requirements.

"We have been enthusiastic about the challenges which the implementation of the European wide standards bring along. The focus is shifting more and more towards alarm systems, however, without losing sight of its other various uses for sound reproduction in public spaces."

*Raino Hyttinen,
Development Director,
Audico Systems Oy*



AUDICO SYSTEMS

Audico is a leading audiovisual system solutions provider in Finland. Audico operates in Helsinki and Turku and employs 35 professionals in their field.

Audico's strength as an AV- and sound systems supplier lies in versatile services and products - and years of solid industry experience. Our clients appreciate our systems for reliability, longevity and ease of use.

Audico's key implementation targets are corporate auditoriums and conference rooms, hotels, restaurants, shopping centers, business parks, theaters, cinema halls, schools and universities, churches, and various sports and event facilities. Our clientele includes both state and local departments as well as enterprises. The shipbuilding industry also plays an important role - we have designed and installed the AV, light control and voice evacuation systems for over 40 cruise ships sailing all over the world.

Audico has a long history with audio, starting from the mid-1950's with central radio production as a part of Teleste Oy. Audico has delivered over 3000 systems to different kinds of public spaces with varying requirements and become the market leader of public address, voice evacuation and information systems in Finland. Audico's own digital audio systems, designed and manufactured in Finland are now sold in most European countries.

The majority of our projects are "turnkey" solutions where audiovisual equipment, lighting, lighting control and sound form a coherent whole. Our systems are made to measure, from the idea and design to implementation, testing, training and life cycle services with well planned maintenance. We aim to be a trusted and innovative solution provider for all our clients.

