
Date: March 28th, 2007

Daniela Kroboth
Manager Corporate Communications
KLOTZ DIGITAL AG
+49-89-45672-352
d.kroboth@klotzdigital.com

WEB SITE
www.klotzdigital.com

KLOTZ DIGITAL LAUNCHES NEW VARIZONE VAB-LINE AT THE UPCOMING PROLIGHT & SOUND IN FRANKFURT

Munich, March 2007 – As a direct result of the trend toward simplification in public address installations KLOTZ DIGITAL is coming up with substantial innovations of its VARIZONE digital Public Address and Voice Evacuation system. The Munich based company will be introducing its new VARIZONE VAB-Line in **Hall 8, booth A43** at the upcoming ProLight & Sound in Frankfurt, from 28 - 31 March 2007. VAB-Line is based on the new components VAB1 Controller (**V**oice Evacuation, **A**nnouncement, **B**ackground Music Controller) and I-PAM (**I**ntegrated **P**rogrammable **A**mplifier **M**odule). The VAB-Line has been particularly developed for small and mid-sized applications, such as hotels, schools, hospitals, office buildings, department stores and other commercial applications of the same size, making VARIZONE even more installation- and user-friendly than ever. Furthermore KLOTZ DIGITAL is able to provide all the attractive advantages of digital public address systems to small facilities at a price known from analogue 100V systems only.

VAB1, the Core of a New All-in-One VARIZONE Solution

VAB1 is the main component and core of a simplified plug & play VARIZONE solution. It handles up to 51 inputs and 32 outputs providing the opportunity to play-out 32 different channels, thereof 8 per DSS-Bus, to an unlimited number of zones simultaneously. DSP signal processing to enhance speech comprehensibility and complete system control are included. Although VAB-Line is a simple plug-and-play solution for paging, voice evacuation and foreground-/background music purposes it provides all features a modern multi function system has to fulfil. Famous VARIZONE components, such as LINE MANAGER and Ambience Noise Module (ANS), are compatible to the new control engine.

VAB1 EVAC Expansion to Meet Exceeding Security Standards

Different Expansion Boards are available to expand the VAB1 based VARIZONE solution or customize it quickly to individual project requirements. Expansion Boards exist for an EVAC solution and for a PA solution to connect up to 32 paging stations to the system. Together with the EVAC Expansion Board the VAB-Line is in accordance with DIN EN 60849 and furthermore fulfils the most modern safety standards. It provides all important safety features such as solid system monitoring, prioritized evacuation announcements, a push-to-talk handheld microphone, monitoring of the speaker lines down to each single speaker, manifold control devices, onboard music/paging, flash memory, and a clearly arranged front panel display. Furthermore VAB1 can be expanded with additional DSS Bus-cards. Worldwide VARIZONE is the only PA solution unifying paging, background music and voice evacuation in the same application, even as simple plug and play VAB-Line.

Amplifier Module I-PAM Comparable to the Size of a Matchbox

Another main component of the VAB-Line is the Integrated Programmable Amplifier Module (I-PAM), an essential component of KLOTZ DIGITAL's Digital Speaker System (DSS). The I-PAM is fed by the DSS bus with power, as well as 8 different audio signals and bi-directional control data in real time, while the amplifier module actively selects two audio signals from the pool of signals. The selected signals can be assigned to the I-PAM via software and broadcasted via the connected speakers. A total of two speakers can be connected to one I-PAM. The I-PAM provides volume control for the processing of the selected audio signal and individual monitoring of the connected speaker. To change the selected signals and its volume easily a VOLUME CONTROL module can be connected directly to the I-PAM.

Previously the PAM was designed for ceiling or wall mount. The new I-PAM is barely in the size of a matchbox and therefore installed directly at the speaker, for example in the enclosure, offering drastic equipment- and cost-saving benefits.

###

KLOTZ DIGITAL AG of Munich, Germany is the world leader in AudioMedia Platform Technology. KLOTZ DIGITAL manufactures a variety of digital audio mixing consoles, the VADIS AudioMedia Platform, and VARIZONE systems for music distribution, paging and safety announcement installations. KLOTZ DIGITAL has 15 years experience in manufacturing and installing digital radio consoles and audio infrastructures. In fact, KLOTZ DIGITAL has over 1250 digital radio consoles and more than 2000 VADIS frames in service today. For more information contact KLOTZ DIGITAL Europe voice: **+49-89-45672-100**, email: europe@klotzdigital.com or on the web at: www.klotzdigital.com