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## **KLOTZ DIGITAL INTRODUCES NEW AUDIO ROUTER AND DSP ENGINE: VADIS 212 WITH INTERNAL, FANLESS PSU DESIGNED FOR SILENT OPERATION**

**Munich, August 2006** – KLOTZ DIGITAL today announces the upgrade of its flagship product line VADIS by unveiling VADIS 212, the new compact audio router and DSP engine. The VADIS 212 is the direct successor of the VADIS 210 and handles up to 256x256 I/O channels. It offers improved aesthetics and an enhanced front panel display. The main improvement, however, is the integration of the fanless PSU. Due to this integration, frame size was reduced down to 3 rack units without loss of performance: The VADIS 212 still provides all features of the VADIS product line with its flexible architecture for getting any signal anywhere, reducing wiring cost by using fibre cabling, as well as a combination of modular design and freely assignable slots enabling the system to grow with the user's needs. The fanless PSU is now installed at the front of the VADIS 212 frame offering easy accessibility and totally silent operation, allowing the user to install the engine directly in studios or other noise-sensitive areas. A redundant PSU is optionally available. All essential components, such as redundant PSUs and all audio or data interface cards can be replaced during operation according to KLOTZ DIGITAL's hot swap technology.

### **Small but Powerful**

The VADIS 212 consists of a 19" fanless main frame with 10 freely assignable slots for proven interface plug-in cards covering the most established analog and digital audio formats. Decentralized signal processing, routing and fibre optic audio networking, offering shared access to inputs and outputs, as well as DSP functions are only some of the features provided by the VADIS 212. The router comes along with an easy to use control software, including a clearly structured GUI, for configuration and control. To extend the operation and enable control from different locations RCPs (Router Control Panel) can be attached. The system status is monitored regularly and the last system status is stored automatically on a non-volatile memory to make it easily available after power off. The VADIS 212 opens up for flexible interaction with other KLOTZ DIGITAL components and external third party equipment via the Ethernet and TCP/IP compatible links.

## **Flexibility Grants Versatile Applications**

The VADIS 212 handles internally 256x256 I/O channels in real-time and is therefore extremely versatile. It can be deployed in all segments of the audio media industry. Depending on the type of inserted VADIS standard cards the VADIS 212 becomes a stage-box, providing up to 36 remote controlled MIC/LINE inputs. It can be used as a router with 40 x 40 analog or digital I/Os, whereas the rate of I/O can vary. In combination with the OCTO-BUS interface cards and I/O boxes, the number of channels is significantly enlarged up to 256x256 I/O channels. Multiple DSP cards are available for the VADIS 212 to enable real time audio processing like EQ, limiting, expanding, compression, level adjustment, level measurement for metering and alert, distribution and mixing. They turn the VADIS 212 into a perfect mixing console or Public Address system engine. The wide range of VADIS cards permit an individual and spot-on adaptation of the VADIS 212 to any studio layout or customer requirements.

In addition to RCPs and OCTO-BUS Studio Network, the VADIS 212 is compatible with all other KLOTZ DIGITAL components and technical equipment. It can be fully integrated into the VADIS Digital Audio and Control Network, operating as intelligent audio sub frame in the decentralized and networked audio platform, where all routers are remote controlled and interact with each other.

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**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, phone **+49-(0)89-45672-100**, e-mail [europa@klotzdigital.com](mailto:europa@klotzdigital.com) or on the web at: [www.klotzdigital.com](http://www.klotzdigital.com)