
Date: July, 5th, 2007

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KLOTZ DIGITAL LAUNCHES AND SHIPS DECENNIUM, ITS LATEST RADIO ON-AIR CONSOLE

Munich, July 2007 – Radio broadcasters will be delighted by the launch and availability of the DECENNIUM digital audio console from KLOTZ DIGITAL. DECENNIUM is a networkable console and comes along with the DECENNIUM audio engine to be integrated in audio and control networks. The DECENNIUM standard console is supplied pre-configured for easy installation and console set up. DECENNIUM is fully modular and expandable due to its network ability and its configuration software and can be fully customized according to the customers' individual needs. As DECENNIUM is equipped with first-class DSP features, an external voice processor or other peripheral equipment is unnecessary. Fully parametric 6-band equalizers and highly sophisticated Dynamics with limiter/compressor/expander can be inserted and stored in each channel.



Special Focus on the Multi Purpose Control Element

The console's special feature is the eye-catching 'Multi Purpose Control Element' (MPCE) which is integrated in each channel strip. Consisting of an endless rotary encoder with integrated push button and a 16 character display, it is used for source selection and channel related parameter settings allowing a better overview and enabling a quicker access to them. With the MPCE the console is easier to operate and offers the implementation of additional customer- or project specific dynamic functions.

Far better, MPCE allows each fader module to act as single mini console without the need of a monitor and control module. Therefore it provides completely new, space- and cost-saving console applications far beyond standard on-air and split consoles making the consoles an ideal gear for journalists or reporters in news rooms. Each fader module is assigned to its own DSP section of the VADIS audio engine offering individual features and autonomous busses. In addition each single four-fader module can be split as well as assigned to different busses allowing a shared operation.

The DECENNIUM Control Surface

DECENNIUM's control surface is available in sizes of 4, 8, 12, 16, 20 and 24 faders and comes with two types of surface modules – a four-fader module as well as a monitor and control module - each having its own, separate and ultra flat housing. The design allows extreme flexibility in console layout and compact, split and single module arrangements.



Each channel strip of DECENNIUM's fader module is equipped with a professional 100mm fader and a clear alphanumeric display with 16 digits in two lines for source name indication. It provides large ON/OFF buttons, CUE/PFL, and Talk Back into the source related return line such as cleanfeed lines of telephones, codecs and OB vans or into the presenter's studio headphones. Four routing buttons allow quick access to four main busses. Furthermore EQ and DYN are included together with channel select/assign and status indication LEDs for secondary bus routing and on top of that is the MPCE.

Via the integrated Central Control Unit which is equipped with rotary encoders and large displays, the Monitor and Control Module offers access to DSP functions, such as preset- and snapshot management, EQ and DYN operation and central parametrization. Extended bus routing is provided as well as 12 free assignable function keys for any conceivable purposes. The module is also equipped with a pool of 20 monitor buttons which can be individually assigned to four independent monitor channels with AutoCUE and CUE-Split functions. Each button of the console surface is illuminated by bright LEDs and has a dismountable transparent cover to insert individual custom labels.

The DECENNIUM Audio Engine

A state-of-the-art Audio/DSP frame completes the DECENNIUM console. The rack mount frame includes an integrated controller and an internal single or optional redundant power supply. In order to permit interfacing with common audio standards, KLOTZ DIGITAL provides a wide range of interface cards - for example mic pre-amps, analog and digital inputs and outputs, DSP and fibre optic cards. Sophisticated TDM-Bus technology specifically developed for audio real-time applications is the basis. It guarantees maximum quality and as it is well engineered, offers maximum reliability acting without any latency, delay or glitches in any situation.

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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 voice: **+49-89-45672-100**, email: europe@klotzdigital.com or on the web at: www.klotzdigital.com