

## DECENNIUM

### Standard Configuration Specification



DECENNIUM is KLOTZ DIGITAL's fully networkable and fully configurable mixing console.

The DECENNIUM comes with standard console functions and a basic configuration, in order to guarantee a quick start after installation.

Thanks to KLOTZ DIGITAL's very versatile and unique Configuration Script Language (CSL) a big portfolio of options and additional functions are available in order to fit the DECENNIUM exactly to the customer's requirements, nearly without restrictions or limits.



#### ***DECENNIUM's General Specifications (Standard)***

- Modular Console with 4, 8, 12, 16, 20 and 24 faders
- Free and individual functional allocation of any single operating element
- Any source on any fader
- 4 main busses
- 4 secondary busses
- 1 CUE bus
- Busses expandable due to modular DSP architecture
- Integrated DSP signal processors: param. 6-band EQs & Dynamics
- Graphical console screen with PPM meters, EQ and DYN envelopes, buttons and displays
- Graphical User Interface for Configuration and Operation
- External Audio Engine with integrated router and modular audio interface cards
- Full access to Klotz Digital's audio- and control networks
- Ready for workflow implementation
- Nearly unlimited number of User Presets and Console Snapshots

**DECENNIUM Basic Components**

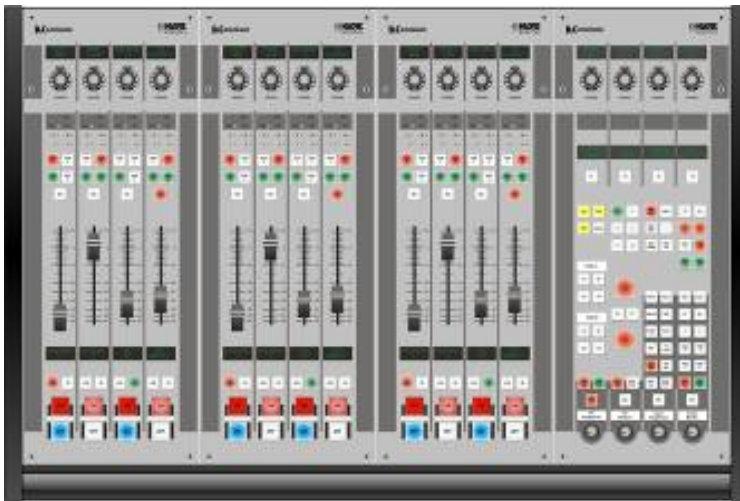
**DECENNIUM consists essentially of two basic components:**

- DECENNIUM control surface
- DECENNIUM mainframe (fanless)

**DECENNIUM control surface**

The control surface consists of two different types of modules:

- Fader module with 4 channel strips
- DSP/Monitor module



A DECENNIUM control surface consists therefore of at least one or several fader modules and at least one DSP/Monitor module, except in certain applications (news room) where a DSP module is not mandatory. Each one of these modules comes in its own housing which bears a number of advantages. The user has the flexibility to arrange his workspace according to his or her individual requirements and location particulars.

**DECENNIUM mainframe V 212C HDD**

This unit houses all audio input and output cards as well as the necessary DSP cards, GPI connections and the DECENNIUM mainframe controller.



On the back, 10 slots for the audio connection are available which can individually be equipped with different interface cards from the KLOTZ DIGITAL VADIS product line.

**Audio and DSP Interface cards**

The following interface cards are available for the DECENNIUM mainframe V 212C HDD:

Signal	Number of Channels	Order no.
Microphone input card	4 in	V 344
Analog line input card	8 mono in (or 4 stereo or combinations)	V 618
AES/EBU input card	8 AES/EBU in (16 mono equivalent)	V 719
Analog line output card	8 mono out (or 4 stereo or combinations)	V 639
AES/EBU output card	8 AES/EBU out (16 mono equivalent)	V 738
Fiber Optic card	64 in / 64 out (KLOTZ DIGITAL DiAN compatible)	V 126/1
OCTO-BUS card	4 x 8 in / 4x 8 out	V 2300
DSP card	-	V 960

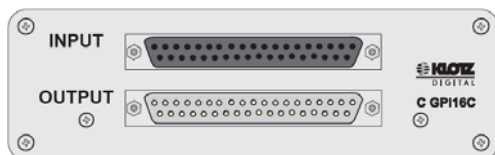
**GPI (General Purpose Interface)**

Typically there are 8+8 I/O connections available at the DECENNIUM V 212C HDD mainframe, which are freely configurable and can be used for a whole number of controlling and remote controlling tasks.

As an option a GPI channel expansion by means of additional devices is also possible:

**C GPI16C**

External GPI unit (compact box) with 16+16 GPI I/O operated on CMI bus



C GPI16C

## C GPI32E

External GPI unit (rack mount) with 32+32 GPI I/O, operated on Ethernet



C GPI32E

The GPI channel configuration is set up via the DECENNIUM Setup Tool software.

## DECENNIUM Main Controller

The DECENNIUM mainframe also contains the DECENNIUM main controller. It represents the actual heart of the system.

The power supply is integrated in the front of the unit, which is offered in 2 variations:

- Integrated hot-plug single power supply unit (standard)
- Integrated redundant hot-plug power supply unit (optional)