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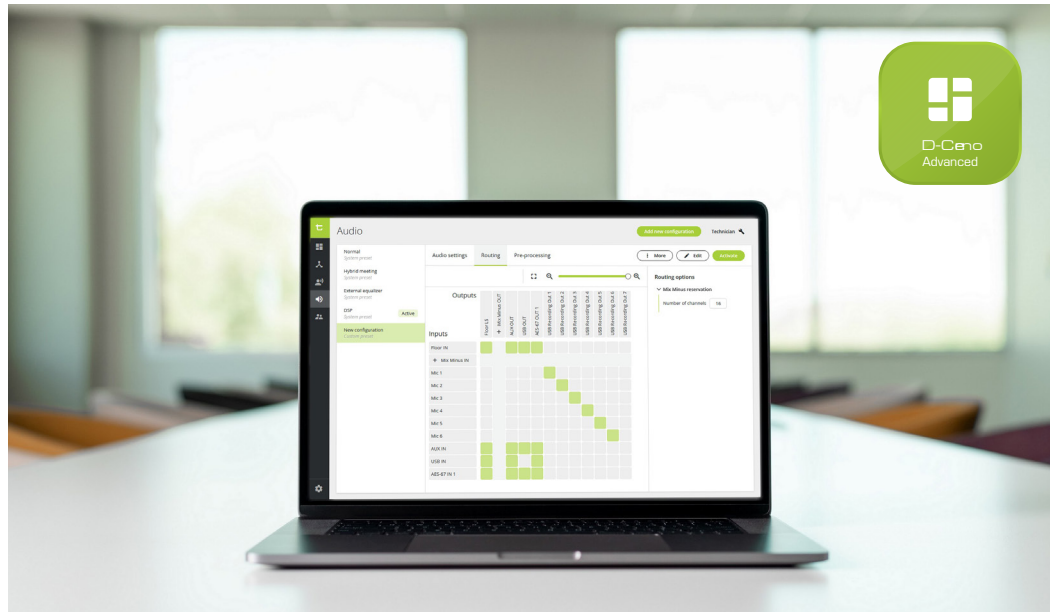# D-Cerno Advanced

Description

The D-Cerno AE engine powers the D-Cerno discussion system for small to medium-sized meetings.

D-Cerno Advanced unlocks a set of additional functionality enhancing user-friendly system control and powerful audio interfacing capabilities to DSP and third-party recording applications.

User Roles and Access Control

Enhanced Control:

Implementing user roles within the D-Cerno system brings significant benefits to meeting management. Roles such as Operator and Chairperson are introduced, empowering designated individuals to manage discussions effectively. These roles allow users to control who speaks, oversee speaker and request lists, and ensure a smooth and organized flow of communication.

Security:

Each user role can be password protected, restricting access to advanced features and ensuring that only authorized personnel can make significant changes or control critical aspects of the system.

Customization:

The D-Cerno system offers flexibility through the customization of user roles. Different roles can be tailored to fit specific needs and responsibilities, optimizing the system for various types of users and meeting requirements. This customization ensures that each user has the appropriate level of access and control, enhancing overall efficiency.

By integrating these user roles, the D-Cerno system not only improves meeting management but also ensures a secure, customizable, and accountable environment.

Multichannel USB

Efficient Workflow:

By providing multiple channels over a single USB connection, the multi-channel USB reduces the need for multiple cables and interfaces. This simplifies setup and teardown processes, streamlines workflows, and minimizes potential points of failure, leading to a more efficient and reliable audio system.

Enhanced Audio Quality:

A multichannel USB connection supports multiple audio channels, allowing for the transmission of high-quality audio. This ensures clear and precise sound, which is essential for accurate audio capture.

Flexible Multichannel Recording:

With the 8x8 multichannel USB connection, users can connect and manage what gets sent to the individual channels. This capability is crucial for recording, eg. court proceedings, as it allows each microphone or group of microphones to be recorded on a distinct track.

Seamless Integration with Recording Software:

The multichannel USB connection facilitates seamless integration with various recording software and devices. Users can easily connect the D-Cerno AE to their preferred software, simplifying the process of recording and sharing meeting audio.

AES67 Integration Options

For enhanced audio processing control, the D-Cerno AE seamlessly integrates via AES67 connectivity. This 8x8 channel interface offers several significant benefits.

Simplified Integration:

AES67 enables the creation of networked audio solutions, where audio data can be transmitted over standard IP networks. This reduces the need for specialized cabling and infrastructure, lowering costs and simplifying the deployment of audio systems in complex environments.

AES67 is a widely adopted standard for audio-over-IP networking, enabling easy and reliable integration with various digital signal processors (DSPs). This ensures compatibility with a broad range of audio equipment, simplifying setup and reducing configuration time.

High-Quality Audio:

By leveraging AES67 connectivity, the D-Cerno AE provides high-fidelity, low-latency audio transmission. This results in crystal-clear sound quality, essential for professional-grade audio applications and critical meetings where every word matters.

Centralized Control:

Integrating AES67 with DSPs allows centralized control of audio processing and distribution. Users can manage and route audio signals from a single interface, improving operational efficiency and making it easier to adjust settings on the fly.

Flexible Audio Routing Capabilities

DSP Mode:

The DSP mode routing preset simplifies the initial setup of your DSP design by automatically allocating individual AES67 channels to the microphones and loudspeakers of the first 8 delegate units. This ensures a quick and easy start, streamlining the configuration process.
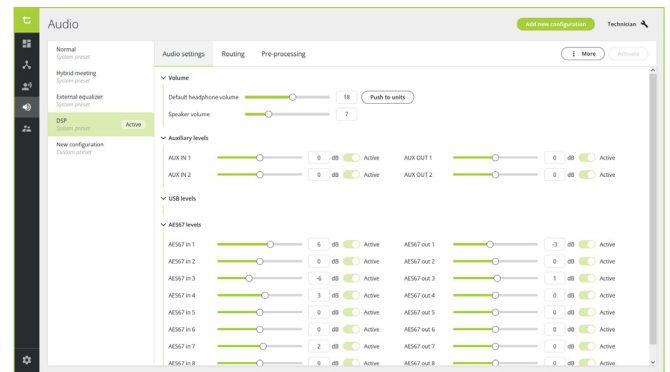
The DSP mode offers full audio processing capabilities in a DSP of choice while still benefiting from all advantages a conference system offers.

Tailored Audio Routing:

The audio configurator offers powerful capabilities for taylored audio routing, allowing users to manage their audio paths with precision. Users can tailor audio paths to their specific needs, enhancing the flexibility and functionality of the audio system. Channel grouping facilitates the creation of audio groups that can be easily routed to both the multichannel USB and AES67 interfaces, which is particularly useful for efficient recording or audio processing.

API Control:

The D-Cerno AE comes with an extensive secure REST API offering full capability to add the conference solution in the overall workflow of a meeting room. The addition of this license enables seamless switching between presets and further enhancing the system's adaptability and ease of use? switching between different use cases.

Features & Benefits

With the D-Cerno Advanced license, you can:

- » Log in as Technician, Operator or Chairperson
- » Password protect each user page
- » Interface with 8x8 multichannel USB
- » Interface with 8x8 AES-67
- » Route the first 8 delegate units to AES-67 with DSP mode
- » Create new custom configurations
- » Activate a prepared audio configuration
- » Change audio routing presets via API
- » Edit, duplicate and delete a configuration
- » Switch between existing configurations
- » Set routing options
- » Manage all inputs and outputs (AUX, USB and AES-67 levels)
- » Set mix minus and number of mix minus groups
- » Select microphones or loudspeakers as always active for user input and output groups in custom configurations

System Requirements

- » D-Cerno AE - Version 1.3 or higher
- » Compatible browsers:
  - » Google Chrome (version 124 or higher)
  - » Microsoft Edge (version 124 or higher)

License

To unlock D-Cerno Advanced, the following license is required:

- » 71.98.0360 - D-Cerno Advanced License

CONFERENCE