

D-CERNO

RELEASE NOTES

LATEST UPDATE: 2025-07-15 (V1.5.2)



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ABOUT THIS DOCUMENT

Throughout this guide we use icons to designate different types of information:

	This is a note. A note gives additional information, such as the meaning of the color of the microphone LEDs. A note also provides information that may only be applicable to some situations.
	This is a tip. A tip gives you an alternative way to do a particular step or procedure, or lets you know of an option that you may find helpful.
	This indicates that something is very important. Important information is something that you need to do in order to accomplish a certain task.
	This provides safety precaution information, that is, information that you need to be careful about to prevent potential problems when using our systems.

DOCUMENT HISTORY

Version	Date	Description
1.4	2025-07-15	Release notes version 1.5.2
1.3	2025-03-14	Release notes version 1.4.0
1.2	2024-10-04	Release notes version 1.3.1
1.1	2024-09-10	Release notes version 1.3.0
1.0	2024-05-07	Release notes version 1.2.0

D-CERNO AE 1.5.2

WHAT'S NEW

- The D-Cerno AE can now be used to record the audio. This can be started by either pushing the record button on the central unit or by using the record button on the Operator, Chairperson, or Technician page.

Recording can be done either to an external USB drive, or on the internal storage space.

- On the Operator & Chairperson page, it's now possible to view the delegates as a synoptic view next to the already available list view. Setting up this synoptic view is possible via the Technician page.
- Labels can be added to each seat via the room manager on the Technician view. These labels will be used in the synoptic view to better identify devices.
- It's now possible to update the D-Cerno NEXT devices and use them to grow the network up to 250 units.
- 802.1x authentication has been added to improve network security.

IMPROVEMENTS

- The reset functionality has been expanded allowing Technicians to perform a reboot, reset the network settings, or perform a factory reset, aligning with the behavior of Plixus.
- A confirmation popup now appears when removing a license, preventing accidental deletion
- The audio configurator has been improved by adding the concept of an active preset and a set of system and custom presets. It's possible to save changes to a system preset, and also possible to change the routing without navigating to a different tab.
- It's now possible to use the Next-in-line button via the Operator & Chairperson view.

FIXED ISSUES

- It's now possible to add delegates to the request list via the Operator & Chairperson view.
- When using D-Cerno NEXT devices, the Devices page did not properly update when connecting new units to the network, and a page refresh was needed to see the update. This has been fixed in this version.
- In CRP 1.4, the D-Cerno NEXT got wrongly assigned a seat number in the Room manager. This is fixed in version CRP 1.5.0. If you want to update a system with NEXT devices :
 - Disconnect the NEXT devices,
 - Delete the offline devices in the Devices page,
 - Update to CRP 1.5.0,
 - Reconnect the NEXT devices.

KNOWN LIMITATIONS ON 1.4

- When entering an invalid subnet mask in the network settings, the system will allow it and push it into the central unit. The central unit will then have a changed IP address and won't be found with the right IP address. A reset will be necessary.

D-CERNO AE 1.4.0

WHAT'S NEW

- The headphones jacks of individual delegate units can be now selected as output source in the advanced audio configurator.
- VIP mode is added as role. Delegate units and chairperson units can be promoted or demoted from the room configurator.
- Control of individual microphone sensitivity.
- Possibility to add delegates to the request list from the Operator/Chairperson page.

IMPROVEMENTS

- If a unit is in golden mode, it will be shown as “Recovery” on the Device Overview page.

FIXED ISSUES

- Fixed audio & behavior issues when reordering delegate units.
- Added notification in case of faulty audio configurations.
- Improved feedback on update page.
- Improved latency & audio stability in AES67 mode.
- Robustness improvements in seat reorder functionality:
 - No refresh is necessary to confirm the applied changes.
 - Seat reordering can be done while in handsfree microphone mode.
- Warning added when saving a custom configuration where mix-minus channels are enabled without having a node connecting the FLOOR IN to the FLOOR LS.
- Fixed issue where D-Cerno was seen multiple times in the Dante Controller.

KNOWN LIMITATIONS

- Units without loudspeaker or headphone are addressable in audio routing.

D-CERNO AE 1.3.1

WHAT'S NEW

- Addition of speaker detection in handsfree mode.

FIXED ISSUES

- Bug on gain sharing in handsfree mode.

KNOWN LIMITATIONS

- It is not possible to enable mix-minus channels without having a node connecting the FLOOR IN to the FLOOR LS in a custom configuration.
- When the seats are re-ordered, a refresh is sometimes needed for the changes to be visible.
- Reordering seats in hands-free mode can cause issues with speaker detection and audio.
It's suggested that seat reordering is done in any other microphone mode, or the system is rebooted after doing the seat reordering in hands-free mode.

D-CERNO AE 1.3.0

WHAT'S NEW

- AES67 integration (only available with D-Cerno Advanced license).
- DSP Mode (only available with D-Cerno Advanced license).
- Custom audio routing (only available with D-Cerno Advanced license).
- Multichannel USB (only available with D-Cerno Advanced license).
- Operator & Chairperson view with microphone control (only available with D-Cerno Advanced license).
- Confero API.

KNOWN LIMITATIONS

- Extended power management (Wake-on-LAN, Auto Power-on and ECO mode) not yet available.
- Integrated recording capabilities (internal storage, external flash drive) not yet available.
- Speaker detection in hands-free mode not yet available.
- On/Off button not yet functional.
- Recording button not yet functional.
- It is not possible to enable mix-minus channels without having a node connecting the FLOOR IN to the FLOOR LS in a custom configuration.
- When the seats are re-ordered, a refresh is sometimes needed to for the changes to be visible.

D-CERNO AE 1.2.0

WHAT'S NEW

- Single channel USB connection
- Integrated web server
- Add quick links to the Technician dashboard
- Automatic device detection
- Four microphone modes: direct speak, request, group and hands-free
- Four audio presets: Normal, Distance conferencing, Hybrid meeting, External equalizer
- Password management for Technician role
- Network settings with activation/deactivation of DHCP
- Camera protocol settings

KNOWN LIMITATIONS

- Integration with AES-67 and multichannel USB not yet available
- Extended power management (Wake-on-LAN, Auto Power-on and ECO mode) not yet available
- Integrated recording capabilities (internal storage, external flash drive and PC via multichannel USB connection) not yet available
- Hands-free mode with speaker detection not yet available
- DSP mode not yet available
- Custom audio configuration not yet available
- On/Off button not yet functional
- Recording button not yet functional

