

DIGIMIC DCen mini MkII

DIGIMIC compact central unit

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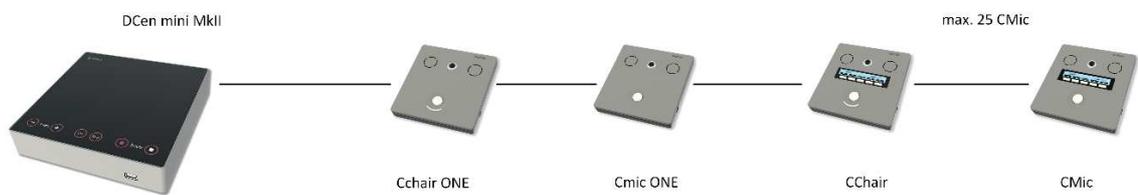


Introduction

The DCen mini MkII from the DIGIMIC family is the compact central unit for your conference. The DCen mini MkII controls all connected microphone consoles. It automatically configures the individual units and distributes the audio signal. As soon as the units are connected to the DCen mini MkII, they are immediately ready for use. The DCen mini MkII can be operated in standalone mode or remotely via software.



To operate the DCen mini MkII via computer you need the corresponding software. With MicControl2, for example, you can control the participant microphones and manage the names. With Digivote2, voting can be carried out. A connection to the conference management system brählerOS is also possible.

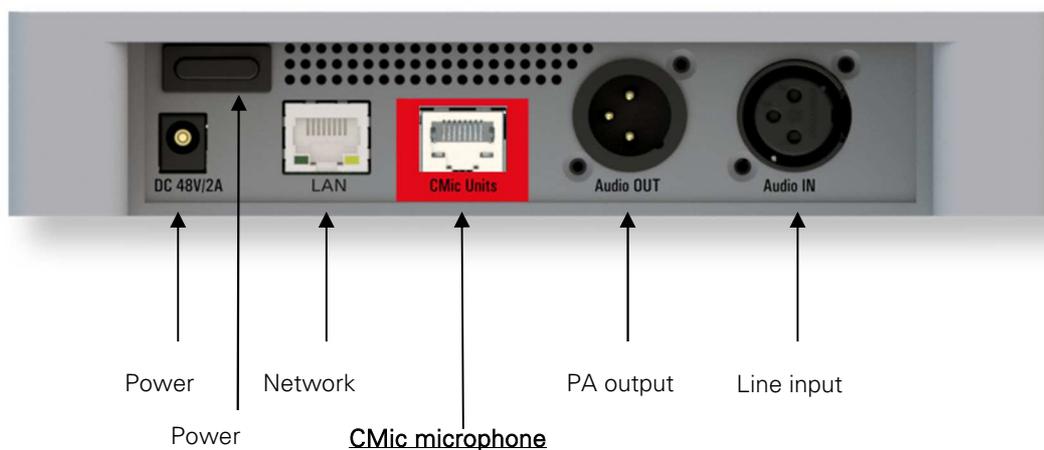


Example system



The DCen mini MkII can be operated in standalone mode or controlled by computer. Connect a computer for this purpose. The brählerOS MicControl software is required for computer-supported operation.

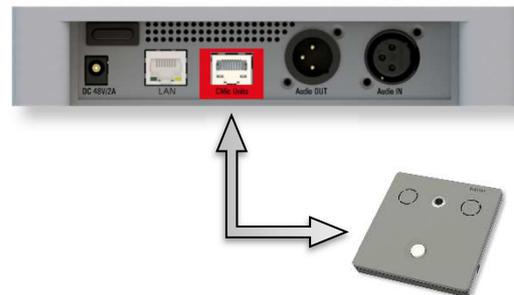
Connections



To put the device into operation, connect it to the power supply. Only use the supplied components (cable and power supply unit) for this purpose.



Now connect the CMic delegate units. The CMic delegate units should be connected with shielded CAT5e network cable or better.



Never connect a network cable to the CMic port. This could damage the connected network device

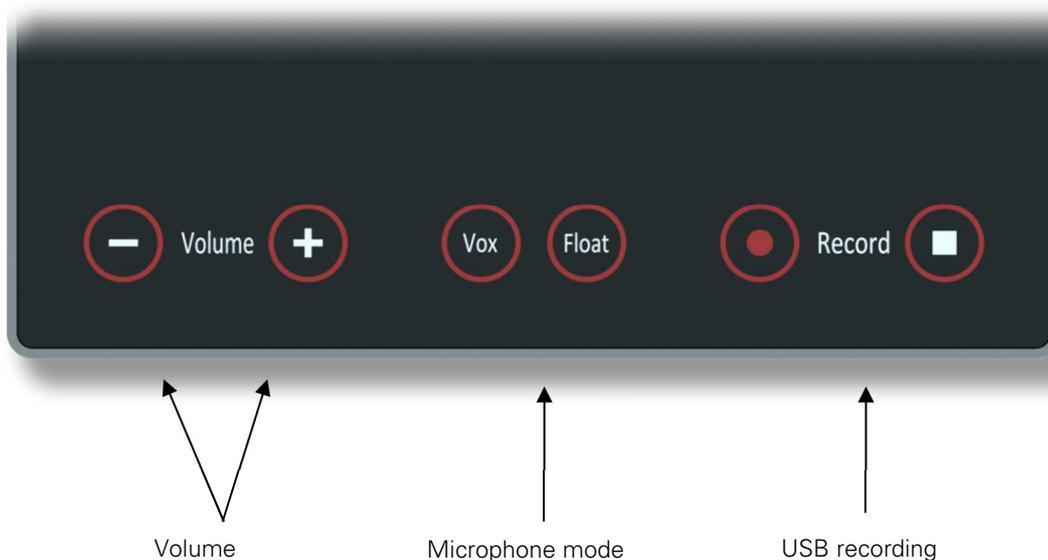
System startup

Before switching on, make sure that only CMic consoles are connected to the CMic port of the DCen mini MkII. Press the power switch on the back of the unit. The 6 illuminated buttons on the control panel will now light up brightly in sequence and then go out again. As soon as the animation is completed, the DCen mini MkII is ready for operation.



The DCen mini MkII automatically detects all connected microphone units. To test, you should press the microphone button once on all units - the microphone button and microphone ring light up red. To switch off, press the microphone button again.

Operation



Volume

The volume of the microphone units is controlled by the volume buttons of the DCen mini MkII. The buttons light up accordingly. Dark means quiet or off - bright means loud. Likewise, the level of the PA OUT socket is changed here, so that the volume of a connected amplifier can also be controlled.



If you do not want to use the internal speakers of the microphone consoles, you can make this setting in the free DCen ConfigTool software. The DCen mini MkII permanently stores the selected setting for the relationship between internal volume and external PA output. If the internal level is set to 0, **Volume** will only control the external PA level.

Microphone mode

The DCen mini MkII operates in three microphone modes: AUT3, VOX and AUTF. In addition, manual control via PC software can be set externally via network.

The AUT3 operating mode is set by default. Press the VOX key to activate the voice-operated mode. Press the FLOAT key to switch to AUTF mode. The keys light up accordingly.

To switch back to AUT3 mode, deselect VOX or Float by pressing again.

If another operating mode than one of the 3 mentioned is activated by the PC software, VOX and FLOAT light up simultaneously,

AUT3 means that up to 3 microphone units can be active at the same time. Further requests or switch-on attempts are rejected. The participants can switch their microphones on and off at any time.

VOX means voice-controlled switch-on for up to three simultaneously activated microphone units.

AUTFloat means that the first speaker is replaced by the last speaker as soon as the maximum possible number of speakers is reached (FIFO = First In First Out).

USB recording

The DCen mini MkII has a USB 2.0 port for recording the audio signal on a USB stick. The port is compatible with USB 2.0 and USB 3.0 sticks. The connected USB stick must be formatted in the FAT32 file format and must not exceed a capacity of 64GB.



The USB port is designed for USB sticks only. Do not connect USB hard drives or similar for recording.

Connect a suitable USB stick to the USB port on the front panel. The **Record** and **Stop** keys flash briefly while the USB stick is being detected and set up. When the USB stick has been successfully recognized, the **STOP key** lights up.



If the USB stick was not detected successfully, both buttons remain dark (no stick detected) or flash alternately (there is an error). In this case, use another USB stick or reformat the stick in FAT32 file format.

Recording

To record, press the RECORD key. The STOP key goes out and the RECORD key lights up.



Recording is now started regardless of whether a microphone is switched on or not. The recording continues until the **STOP button** is pressed. The recording is in MP3 format with 128kbps. About 1MB per minute will be recorded. The recorded files are stored in a subdirectory \Dxxxx, where xxxx corresponds to the serial number of the DCen. The files themselves are given a sequential file name RECyyyy.MP3. The number of the last recording is stored in the DCen and the next recording continues with the next number, no matter on which USB stick. At REC99999.MP3 a carry over to REC00001.MP3 takes place and the numbering starts from the beginning. Any existing files with the same name are overwritten.

By means of the software DCen ConfigTool the numbering can be set to a new start value.

End recording

To end the recording, press the **STOP key**. The **RECORD** and **STOP** keys flash briefly while the recording is ended and closed. Afterwards, the **STOP key** signals the end of the recording. By pressing **RECORD** again, a new recording with the next file number can be started.

Remove USB stick

If you want to remove the USB stick, first end a recording in progress. The **STOP key** lights up. Press the **STOP key** again. The **RECORD** and **STOP** buttons will flash briefly while the USB flash drive is being prepared for removal. When the unmount process is complete, **RECORD** and **STOP will stop flashing** and the **STOP button** alone will show a soft flashing animation. The USB flash drive can now be removed.



To avoid data errors on the USB flash drive, you should never remove the USB flash drive before the removal process is complete.

Switch off

Turn off the DCen mini MkII at the power switch or unplug the power cord when not in use for extended periods of time.



To reduce potential background noise of the DCen mini MkII, the Line-IN input is deactivated by default. If you need this for your conference, it can be activated via the "DCen ConfigTool" software - Brähler Systems provides the software free of charge. The input now remains activated until the next "Reset to factory settings".

Warnings



Use only suitable cables and plugs.



In case of malfunction, contact a technician, do not try to repair, unscrew or similar the DCen mini MkII by yourself.

You can find more information about our products on the Internet at:

www.braehler-systems.com

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