



# DCN-CCUB Basic Central Control Unit



- ▶ **Stylish and modern design (IF award)**
- ▶ **Control for up to 245 Contribution units**
- ▶ **Control for an unlimited number of channel selectors**
- ▶ **2 x 32 high-quality audio channels**
- ▶ **PC control facility**

The Central Control Unit (CCU) includes features for controlling delegate microphones, distributing simultaneous interpretation and conducting voting sessions, all without an operator.

In combination with a PC, this control unit brings greater sophistication to conference control. Users can access an extensive range of software modules, each with a specific function in controlling and monitoring a conference. These modules greatly expand the capacity to manage a conference. In the event of PC failure, this control unit will revert to its stand-alone operation mode, enabling the conference to proceed.

## Functions

- Basic microphone management facilities
- Four operational microphone modes:
  - Open: microphone button control with request-to-speak (Auto)
  - Override: microphone button with override of activated microphones (FIFO)
  - Voice: voice activated microphones
  - Push-to-talk (push and hold button to speak)
- Number of open microphones between 1 and 4

- Basic voting control for parliamentary voting procedure. Delegates can register 'Present', 'Yes', 'No' and 'Abstain'. The Concentus Chairman unit can start, stop and suspend the voting. The total results can be displayed on hall displays and on the LCD screens of the units
- A page function, which activates a voting tone. The chairman can use this tone to indicate that a voting round is about to start.
- Basic simultaneous interpretation function with as many as 31 language channels plus one floor channel
- Basic intercom function with a function to assign intercom operator and intercom chairman (both can be called from the interpreter desk)
- Stand-alone automatic camera control
- Extended conference facilities when using control PC software or remote controllers
- Adjustable sensitivity for the audio inputs
- Adjustable level for the audio outputs
- Audio insertion facility to connect external audio processing devices or telephone couplers
- Configuration of CCU and system via a display and a single rotary push button
- The CCU can be assigned a unique name by the installer for easy identification
- VU meter readings to monitor audio inputs and audio outputs. The audio can be monitored using headphones
- 19" (2U) housing for tabletop or rack mounting
- Handgrips for easy transportation

## Controls and Indicators

Front

- Power on/off switch
  - 2 x 16 Character LCD display for status information and configuration
  - Rotary control to navigate through the LCD menus
- Back
- Two red LED overload indicators for the DCN network outputs
  - Voltage selector

**Interconnections**

Front

- One stereo headphone output 3.5 mm (0.14 in)

Back

- Euro power socket with built-in fuse
- Two DCN outlet sockets for connection of units, plus extension power supplies. Each socket is protected against short-circuit (2 x six-pole circular sockets)
- Two stereo Cinch unbalanced audio line inputs
- One three-pole XLR balanced audio line output
- Two stereo Cinch unbalanced audio line outputs
- One RS-232 serial data connector for PC control, and controlling cameras and diagnostics

**Certifications and Approvals**

Region	Certification
Europe	CE

**Parts Included**

Quantity	Component
1	DCN-DCCUB Basic Central Control Unit
1	Set of mounting brackets for 19" rack
1	Set of feet
1	System installation and user instruction on CD ROM
1	Power cord

**Technical Specifications**

**Electrical**

Supply voltage	115/230 V +/- 10 %
Power consumption	170 W
DCN system supply	40 VDC, max 65 W per DCN socket
Total supply power	130 W
RS-232 connection	1 x nine-pole Sub-D female socket

Frequency response	30 Hz - 20 kHz (-3 dB at nominal level)
THD at nominal level	< 0.5 %
Cross talk attenuation	> 85 dB at 1 kHz
Dynamic range	> 90 dB
Signal-to-noise ratio	> 87 dBA

**Audio inputs**

Cinch nominal input	-24 dBV (+/- 6 dB)
Cinch maximum input	+0 dBV

**Audio outputs**

XLR nominal output	-12 dBV (+6 / -24 dB)
XLR maximum output	+12 dBV
Cinch nominal output	-24 dBV (+6 / -24 dB)
Cinch maximum output	+0 dBV

**Mechanical**

Mounting	Tabletop or mounted in a 19" rack
Dimensions (H x W x D)	
for tabletop use, with feet	92 x 440 x 400 mm (3.6 x 17.3 x 15.7 in)
for 19" rack use, with brackets	88 x 483 x 400 mm (3.5 x 19 x 15.7 in)
in front of brackets	40 mm (1.6 in)
behind brackets	360 mm (14.2 in)
Weight	7 kg (15.4 lbs)
Color	Charcoal (PH 10736) with silver

**Ordering Information**

<b>DCN-CCUB Basic Central Control Unit</b> for all regions except North-America	<b>DCN-CCUB</b>
<b>DCN-CCUB-UL Basic Central Control Unit</b> <b>UL/CSA</b> for the North-America region	<b>DCN-CCUB-UL</b>
<b>DCN-CCUB-JP Basic Central Control Unit</b> <b>(JP)</b> Japanese version	<b>DCN-CCUB-JP</b>

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