LBB 3310/00
Control and Power Supply Unit
- Conference control without operator
- Four selectable microphone modes and a test mode
- Controls up to 50 contribution units
- Interfaces the system with external audio equipment
- Provides power for all system elements
- Built-in listening facilities

The Control and Power Supply Unit (CPSU) is the heart of a discussion system. This versatile unit includes features for managing the number of active microphones and determining the operating mode, without the need for a central operator. External equipment can be connected to extend system possibilities. A built-in loudspeaker allows the conference to be monitored (to allow a stenographer, for example, to take notes on the conference).

The CPSU interfaces the following equipment to the CCS 800 Analogue Discussion System:
- Graphic equaliser - for optimising the sound quality under difficult acoustic conditions
- Tape recorder - for recording and playing back meetings and discussions
- External PA system - for transmitting the proceedings to an audience in the same room or an adjacent room
- External microphone - for guest speakers or audience participation

Note: The external microphone is muted when the priority button on a chairman unit is pressed, and when the system is operating in chairman only mode.

- Audio equipment - for providing background music
- Telephone coupler - to allow a remote delegate to take part via telephone

The following five modes can be selected using a rotary control on the unit's front panel:
- Open mode with auto-switch-off - allows you to select the number of microphones, from one to four, which can be simultaneously active. If the delegate does not speak for 30 seconds, the microphone is automatically switched off. Microphones can also be switched off manually.
- Open mode without auto-switch-off - allows you to select the number of microphones, from one to four, which can be simultaneously active.
- Override mode - delegates can override each other simply by activating their microphones. Only one microphone can be active at any one time.

Note: In override mode, delegates cannot override chairmen

- Chairman only mode - Only chairmen can speak. Delegates microphones cannot be activated, even if no chairman is speaking.
- Test mode - to ensure that the system connections have been made correctly. All microphone ring and contribution unit LEDs light up if the unit is properly connected.

Controls and indicators
- Mains on/off switch
- Microphone-mode switch for selecting one of four modes (plus test mode)
- Loudspeaker volume control for setting the output level of loudspeakers of contribution units. This control also determines the maximum level for the headphone outputs of contribution units and CPSU.
- Monitoring volume control of CPSU loudspeaker or headphones
- Power 'on' indicator (green LED)

Interconnection

- Mains input connection
- Two trunk outputs for loop-through connection of contribution units. A maximum of 25 contribution units can be connected to each output. The maximum cable length is 100 m (109.3 yds).
- Microphone input with gain adjustment for connecting an external microphone
- Recorder input and output with gain control
- Line input and output for connecting a PA system or background music source
- Telephone coupler input and output for connecting a telephone line. The input signal is isolated from the output to prevent echoing.
- Insertion connector (with by-pass switch) for connecting a graphic equaliser
- One 3.5 mm (0.14 in) stereo headphone socket

Note: A custom-made mounting bracket is recommended for flush-mounting the CPSU. For an example of this bracket, refer to the CCS 800 installation and operating instructions.

Technical data	
Mounting	table top (portable orfixed mounting)
Dimensions (H x W x D)	84 x 361 x 143 mm (3.4 x 14.2 x 5.6 in) incl. 5.5 mm (0.22 in) feet
Weight	1.5 kg (3.3 lb)
Colour	cover; charcoal (PH 10736). base; black (PH 80007)