

## **LBB 3500/15, LBB 3500/15D\***

### **Extended Central Control Unit**

- Sophisticated operator-controlled conference management
- Allows access to DCN software modules
- Controls up to 240 contribution units
- Back-up system in the event of PC failure
- Direct PC control facility
- Two RS-232 ports for serial data communication

*\*Note: Type numbers with a 'D' are intended for the North American market. They are CSA/UL approved, and have a modified mains supply and supply cord.*



This highly sophisticated central control unit is used in combination with a personal computer to bring an extra dimension to conference control. Via the PC the user can access the extensive family of DCN software modules, each with a specific function in controlling and monitoring conferences. These modules greatly expand the possibilities in conference management, including advanced simultaneous interpretation and microphone management, message generation and display, three kinds of voting, intercom, creating a delegate database and attendance registration. In the event of PC failure the Extended Central Control Unit will revert to its default operation mode. This mode is identical to that of the Basic Central Control Unit, enabling the conference to proceed. The PC is connected to the unit using a PC network card (LBB 3510/00). Alternatively, the PC can directly control the CCU by connecting it to the CCU via an RS-232 port. In this case, no network card is required.

*Note: If the PC uses Windows 2000 or Windows NT 4.0, it **must** be directly connected to the CCU. For Windows 95/98 either direct control or control via the network card is possible. However, direct PC control and control by network card cannot simultaneously take place. If direct PC control is used, additional operator equipment is required to connect the Intercom Handset and Cradle (LBB 3555/00), and headphones for monitoring audio channels.*

- Built-in power supply unit to supply both the Central Control Unit and all externally connected DCN equipment. Up to 180 contribution units can be driven (with PCF of 1)

- Control facilities for controlling up to 240 contribution units. This includes delegate- and chairman units, interpreter desks, dual audio interface units and multi-purpose connection units
- Control facilities for an unlimited number of distribution units such as audio media interface units, data distribution boards and electronic channel selector units
- Digital audio control and processing facilities for thirty Hi-Q digital audio channels, which can be used for contribution, interpretation and distribution purposes. The unit also provides four separate communication channels
- Automatic audio equalizer for delegate and chairman loudspeakers
- Control and processing facilities for ten 64 kByte data channels
- Basic microphone management facilities for a wide variety of conference situations
- Three operational modes are available:
  - 'OPEN': microphone-key control with request-to-speak registration (AUTO)
  - 'OVERRIDE': microphone-key control with override of already active microphones (FIFO)
  - 'VOICE': voice-activated microphones
 Each mode of operation allows the selection of one, two or four delegate's microphones to be activated simultaneously
- Extended microphone management facilities depending on installed software (Microphone Management and/or Synoptic Microphone Control)
- Basic voting control which provides a parliamentary voting procedure. Delegates can register 'PRESENT', 'FOR', 'AGAINST' and 'ABSTAIN'. Chairman can start, stop and suspend voting. The total results can also be displayed on hall displays and on contribution unit LCD screens
- Extended voting facilities depending on installed software: Parliamentary Voting for parliamentary voting or Multi Voting for six voting types: Parliamentary Voting, Audience Response, Rating, Multiple Choice, For/Against and Opinion Poll
- Basic simultaneous interpretation functions with as many as 11 interpretation channels plus the floor language
- Extended simultaneous interpretation facilities if the Simultaneous Interpretation software module is installed. These include:
  - Channel/desk assignment
  - Specifying the microphone interlock mode
  - Printing interpreter configuration information
  - On-line monitoring of interpreter activity
  - Monitoring channel- and desk routing
  - 15 interpretation channels plus floor

Additional extended facilities depending on software include:

- Intercommunication
- Delegates Database compilation
- Attendance registration
- Message generation and distribution
- Hall text display of conference-related data
- Hall video display

### Controls and indicators

- Mains on/off switch with green LED indicator
- 'Active Microphone' button with 3 yellow LED indicators to select the maximum number of delegate microphones which may be active simultaneously (1, 2, or 4) in stand-alone systems
- 'Microphone Mode' button with 3 yellow LED indicators to select microphone operating mode (OPEN, OVERRIDE OR VOICE) in stand-alone systems
- Equalizer button with 2 LED indicators to indicate ON (green LED) or BUSY (red LED) plus a switch for automatic audio equalizer adjustment
- Rotary loudspeaker tone controls for bass and treble adjustment
- Rotary loudspeaker volume control

### Interconnection

- Three outlet trunk-line cable connectors for connection of contribution, distribution and interpretation units, plus extension power supplies. Each socket is protected against short-circuit. (3 x 6-pole circular connectors)
- Three indicators to indicate trunk-line overload (red LEDs)
- Two asymmetrical line input connectors (cinch-type) for floor input

- Symmetrical/ asymmetrical line output connectors (cinch-type) for distribution of floor language to public address systems
- Tape/cassette recorder input and output (cinch-type) for floor input and output
- Euro-mains socket with built-in fuse, matching mains cable (1.7 m) (66,92 in) included
- Two RS-232 serial data connectors for PC, camera control system, remote control systems/devices, diagnostic equipment. By default, port 1 is for PC (max. 115,200 baud), port 2 is for camera control.

#### Technical data

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| Mounting   | free-standing on a table-top or mounted in a 19" rack (requires 2U)                    |
| Dimensions (H x W x D)<br>width including 19" brackets*<br>depth with handles: | 100 x 440 x 308 mm (3.93 x 17.32 x 12.12 in)<br>483 mm (19.01 in)<br>348 mm (13.70 in) |
| Weight   | 10.9 kg (24.0 lb)  |
| Colour<br>- cabinet<br>- handles   | light grey (PH 10709)<br>dark grey (PH 10711)  |

\* 19" brackets are included