LBB 3585
System Installation
- Single-point control of system installation
- Facilities for assigning functions to audio channels
- Automatic seat numbering
- In-conference warning message when installation configuration changes
- On-screen help facility

The System Installation software is a powerful and effective tool for installers and system operators when installing and setting up the DCN system. System installation, set-up and functions are brought entirely under PC control through its easy-to-use, Windows-based software.

The DCN System Installation software provides - in an easy yet methodical way - the means to assign seat numbers to microphone units and to specify the number of audio channels dedicated to interpretation, floor and intercom facilities.

Assigning seat numbers
The initial task in any installation is to assign seat numbers to delegate contribution units. The System Installation software makes the task easy with a choice of two assignment methods:

1. From the hall, by physically pressing delegate microphone buttons in sequence. This is registered by the PC which in turn automatically allocates the unit a number.
2. From the PC, where the operator selects a random microphone and allocates a number. The next assigned number will follow sequentially. The software instantly recognises when a new unit is installed by offering a seat number for the newly installed unit.

A dialogue box displaying the system configuration is available at any time, with the total number of installed delegate and chairman units, interpreter desks etc.

Audio channel assignment
The DCN system offers in total 16 audio output channels, with a default configuration of 15 distribution and 1 communication channel. Twelve distribution channels can be assigned to combinations of interpretations, floor language and intercom, with two channels reserved for line output and one for delegate loudspeakers as default. If required, these three extra channels can also be used for interpretations.

All channel assignments are interdependent. The number of channels assigned to floor and intercom is dependent on the number required for simultaneous interpretation.

In large international conferences using 15 interpretation channels plus one floor channel, a channel is automatically assigned to interpreter intercom use. In such a case the system performs totally as an interpretation system.

Note: All distribution channels are available via the Audio Media Interface Unit LBB 3508. The line output on the central control unit always provides a floor signal which is the sum of all active microphones.

The task of assigning audio channels is made easy with the aid of on-screen channel selection, using a display with three scroll bars that gives an instant overview of all channel allocations and the effect of altering any of these allocations.

System Installation is primarily a preparation program. Once all microphones and delegate units have been assigned seat numbers and the audio channels configured and tested, there will be no need to use System Installation for day-to-day monitoring and
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controlling of a conference. However, if the physical layout changes in the conference hall (delegate units are added, for example) then the data in System Installation must be updated, and a message immediately appears in the installation window.

The conference-related information generated is stored in an installation file. The user can open, create, save, delete and save these files under a new name.

Note: the maximum number of interpretation channels when used in a multi-CCU configuration is 11.

LBB 3588 and LBB 3562
DCN Automatic Camera Control

The DCN Automatic Camera Control software is designed to interface DCN congress systems with the Philips Allegiant series of video control switchers. It selects fixed or pre-positioned cameras (such as the Philips dome models) to be activated to display the current active speaker at a conference. When a chairman or delegate microphone is activated on the DCN equipment, the camera assigned to that position is activated. When no microphones are active, an overview camera is automatically selected. The image can be displayed on hall displays or other monitors together with information about the current speaker if required (such as delegate identification). The system operator has a monitor, which also displays information about which camera is active. This system provides an extra dimension to congress and conference proceedings. Up to 1500 delegate positions can be covered using a maximum of 256 cameras.

There are two versions of DCN Automatic Camera Control software available:
• LBB 3588 is for DCN systems with a CCU and a control PC. The activation and installation of the cameras is integrated into the DCN PC control software.
• LBB 3562 is for stand-alone DCN systems (systems without PC control).

LBB 3586
Multi-CCU Control Software

The Multi-CCU control software is a dedicated program that allows the user to set up and monitor congress systems that use more than one Multi-Central Control Unit (CCU). Multi-CCU software allows up to 32 Multi-CCUs to be interconnected in a single system. The user can select up to eight of these Multi-CCUs for use at any one time, and then specify a number of parameters related to the control of these CCUs.

Multi-CCU software is used for conferences with more than 240 delegates, or situations where it is advisable to connect groups of contribution units to separate CCUs (i.e. in multi-hall conference venues). It runs under the OS/2 operating system on a dedicated PC.

There are a number of possibilities available with the Multi-CCU software:
• Specifying which CCUs will be required for a conference, before the conference begins. This information is stored in a configuration file
• Loading, preparing and editing configuration files. This includes assigning new names to CCUs, specifying which CCUs will be active in a conference and specifying the default CCUs for ‘Audiomaster’, ‘Control PC’ and ‘Interpreters’
• Monitoring Multi-CCU behaviour. Warning messages are displayed whenever there is a change in the actual configuration or when a power failure occurs while using an Uninterruptible Power Supply (UPS)