Global innovation for a secure future

Our comprehensive portfolio of cutting-edge fire detection, intrusion alarm, CCTV, management systems and communication products is matched by a global network with sales branches and production sites all around the world. Get the benefits of "one-stop shopping" with a truly global player. If only the best is good enough for you, see what Bosch has to offer.

CCS 800 Ultro - the discussion system with digital acoustic feedback suppression

Security Systems

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Communication you can rely on

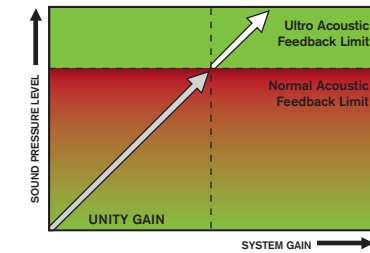# The most complete discussion system available

Increased intelligibility through digital acoustic feedback suppression

Excellent speech intelligibility under all conditions is assured due to a unique, built-in digital acoustic feedback suppression facility. This allows the volume to be increased as required without any danger of acoustic feedback ('howling').

- **Gives full control over all types of discussion**

- **Excellent speech intelligibility for all participants**

- **Built-in digital acoustic feedback suppression facility**

- **Attractive, unobtrusive design**

- **Several operating modes for real flexibility in discussion management**

- **Suitable for fixed or temporary installations**

- **Easily extendable**

The CCS 800 Ultro Discussion System from Bosch brings order and convenience to small and middle-sized gatherings and conferences – the easy way. This versatile and economical system is both simple to install and extremely straightforward to use. It has all the facilities required for achieving full control of meetings and discussions, without the need for an operator.

Participants easily follow the proceedings on the table top unit loudspeaker, and - where appropriate - can also use the microphone to take part. With the CCS 800 Ultro, your meetings will run smoother than ever.

The most complete discussion system available

Example 1: city council meeting

Each active participant has a table top unit for listening and speaking. An external microphone is connected to the central control unit to allow the audience attending the meeting to have their say. An optional simultaneous interpretation system means the meeting can be conducted in more than one language. Distribution of the interpretations is wireless (Integrus - Digital Infra-red Language Distribution System) for extra convenience and comfort. Via an optional telephone coupler it is possible to conduct a teleconference with another site. And all this is achieved with a minimal amount of equipment.
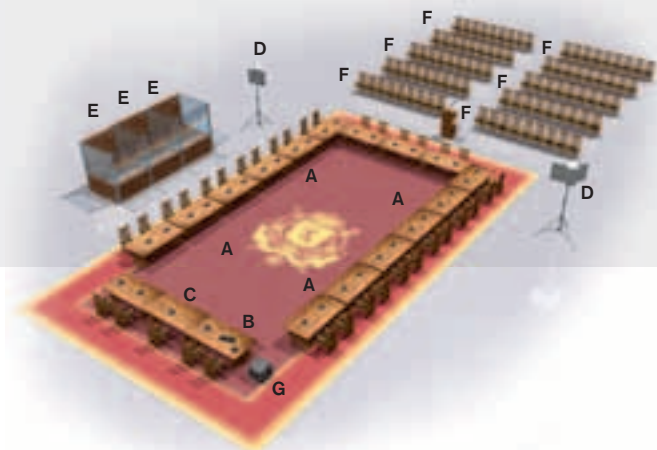

Example 2: courtroom

As in example 1, participants listen and speak via a table top unit. There is also a facility for recording the entire proceeding. This will enable the facility to play back the saying of all parties. A public address system (Plena product range) is connected for the benefit of the public gallery. Once again, very little equipment is required to achieve all this. Optional video conferencing.
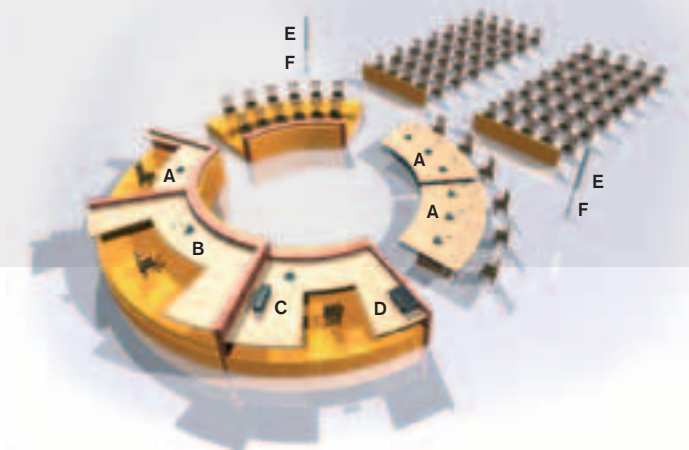
Typical city council meeting setup

A	CSS 800 Ultro Delegate Units
B	CSS 800 Ultro Chairman Unit
C	CSS 800 Ultro Central Unit
D	LBB 4511/00 IR Radiator
E	LBB 3222/04 Interpreter desk
F	LBB 4540/04 IR Receivers
G	LBB 4502/04 Transmitter

Typical courtroom setup

A	CSS 800 Ultro Delegate Units
B	CSS 800 Ultro Chairman Unit
C	CSS 800 Ultro Central Unit
D	LBB 1906/10 Plena Mixer Amplifier 90/60W
E	LBC 320x/00 XLA 3200 Loudspeakers
F	LBC 1259/00 Loudspeaker stand

Elegant and practical

Table top units have a modern, unobtrusive styling which makes them an attractive addition to any venue. The double headphone socket and flexible microphone stem allows two people to use the same delegate unit, thus maximising flexibility and saving costs.

A mode for all situations

A choice of operating modes allows you to adapt the system to suit the particular needs of the situation. For instance, between one and four microphones can be active simultaneously, and you can also determine whether the current speaker(s) have priority or not. Unused microphones can be switched off automatically. CCS 800 Ultro can cater for all this, and more, without the need for an operator.

Bringing order wherever it is required

The CCS 800 Ultro is intended for both fixed and temporary installations. It brings a great many benefits to venues such as local government councils, hotel conference rooms, training and educational venues, company board rooms, congress venue breakout rooms, or indeed any situation where there is a need for economical, high-quality electronic discussion management.

Easily extendable

The CCS 800 Ultro interfaces with external equipment to significantly extend system possibilities. You can, for instance, broadcast the proceedings using a public address system. Connect a (wired or wireless) microphone for guest speakers or audience participation. Enable teleconferencing so remote delegates can participate. Record and play back the proceedings using a recording device. Create an atmosphere or fill in gaps with a background music source. Offer multiple languages through an interpretation and language distribution system. Or even insert other audio processing equipment.
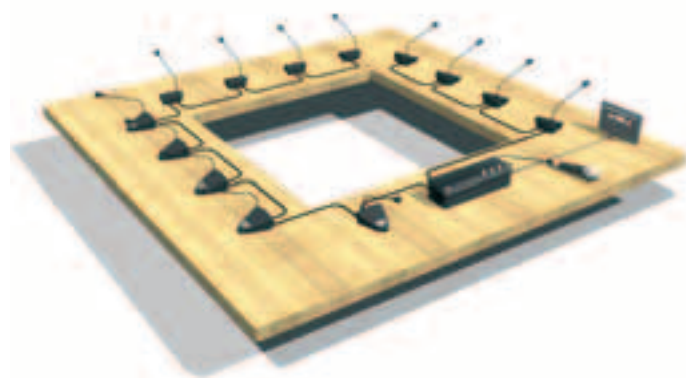
Complete range of conference and discussion systems

The CCS 800 Ultro is complemented by other product families for conference and congress management. Bosch covers all segments in the market, supporting discussion, presentation, decision making and information distribution.

The DCN (Digital Congress Network) is ideal for situations ranging from small-scale meetings right up to major international congresses with thousands of delegates. DCN discussion equipment offers the same high quality but is optimised for smaller-scale gatherings and discussions.

The Integrus is the world's first fully digital infra-red language distribution system. Integrus is ideal for congress centers, universities, international organizations, or indeed any venue where simultaneous interpretations take place. But it can also provide perfect quality, wireless multi-track audio in other situations, for instance multi-lingual soundtracks (cinemas), music (sports clubs & factories). The most remarkable aspect of the Integrus is its complete immunity to interference from lighting systems.

This is all you need for a complete, high-quality discussion system!

The CCS 800 Ultro family: adds a touch of elegance

The CCS 800 Ultro family consists of 2 microphone units and a Control and Power Supply Unit. Simple to install and use for typical small and middle-sized gatherings and conferences.

LBB 3330/00 Delegate Unit
LBB 3330/50 Delegate Unit with Long Microphone
• Enables delegates to speak and listen to the proceedings
• Built-in loudspeaker
• Microphone with flexible stem (standard and extended length) and light ring
• Two headphone sockets, with built-in volume control
• Simple operation; one touch activates the microphone
• Weight: 0.9 kg (2.0 lb)
• Dimensions (H x W x D): 63 x 124 x 172 mm (2.5 x 4.9 x 6.8 in) without microphone

LBB 3331/00 Chairman Unit
LBB 3331/50 Chairman Unit with Long Microphone
• Incorporates all features of delegate unit
• Priority feature mutes all active delegate microphones
• Optional chime facility for preceding chairman speech
• Weight: 0.9 kg (2.0 lb)
• Dimensions (H x W x D): 63 x 124 x 172 mm (2.5 x 4.9 x 6.8 in) without microphone

LBB 3310/10 Control and Power Supply Unit
• Incorporates digital acoustic feedback suppression
• Controls up to 150 units
• Supplies power for 50 units
• Four selectable microphone operating modes
• Loudspeaker/headphones allow monitoring and note-taking
• Interfaces with external equipment
• Number of active microphones selection (1-4)
• Weight: 1.5 kg (3.3 lb)
• Dimensions (H x W x D): 84 x 361 x 143 mm (3.4 x 14.2 x 5.6 in)

LBB 3310/00 Control and Power Supply Unit
Same product as LBB 3310/10 but without digital acoustic feedback suppression

LBB 3312/00 and 3312/10 Transport and Storage Suitcases
• Rugged cases for safe and easy transportation and storage
• LBB 3312/00 accommodates ten delegate/chairman units
• LBB 3312/10 accommodates CPSU, six units, plus extension cables
• Weight (empty): 6 kg (13.2 lb)
• Dimensions (H x W x D): 560 x 795 x 235 mm (22.0 x 31.3 x 9.3 in)

Accessories
• LBB 3316/00 100 m installatoin cable
• LBB 3311/60 19 inch rackmounting set
• LBB 3316/05 5 m extension cable
• LBB 3316/10 10 m extension cable
• LBB 3517/00 Set of 25 locking clamps for extension cables