

DCN Next Generation

The next step in digital congress management



Security Systems



Communication you can rely on

BOSCH

Designed to be distinctive

The Digital Congress Network (DCN) Next Generation from Bosch is the distinctive new face of digital congress management.

Whatever your conference requirements, the Bosch DCN Next Generation can meet them. By bringing aesthetic appeal, reliability, flexibility and control into the proceedings. It helps you take the next step in congress system management.

To create the right balance between ergonomic efficiency and aesthetic appeal, our designers consulted delegates, interpreters and operators, and responded to their recommendations. The result is optimum satisfaction for everyone in the congress chain.

With the Bosch DCN Next Generation, you can relax. Your meeting is in good hands.

Innovation in digital congress management

The Bosch DCN has already earned global recognition for its versatility, and DCN Next Generation continues the tradition. It is ideal for applications ranging from discussion groups up to multi-lingual congresses with thousands of delegates.

On its most straightforward level, it handles speaking and listening without an operator; at its most advanced, it becomes an integrated communication infrastructure for facilitating and managing even the most complex international conferences.

With Bosch DCN Next Generation, you benefit from years of expertise in congress systems. You have the reassurance of a reliable, established partner. And you can count on a support network that spans the globe. When you think congress, think Bosch.





- State-of-the-art design and ergonomics
- Low susceptible to cell phone disturbances
- Incredible speech intelligibility (up to 20 kHz)
- High-speed, loss-free optical fiber backbone
- Multimedia capabilities like touch screen control
- Full graphic display via projectors or plasma displays
- Automatic camera control
- 31 interpretation languages plus floor
- All required voting facilities
- Attendance registration with ID cards

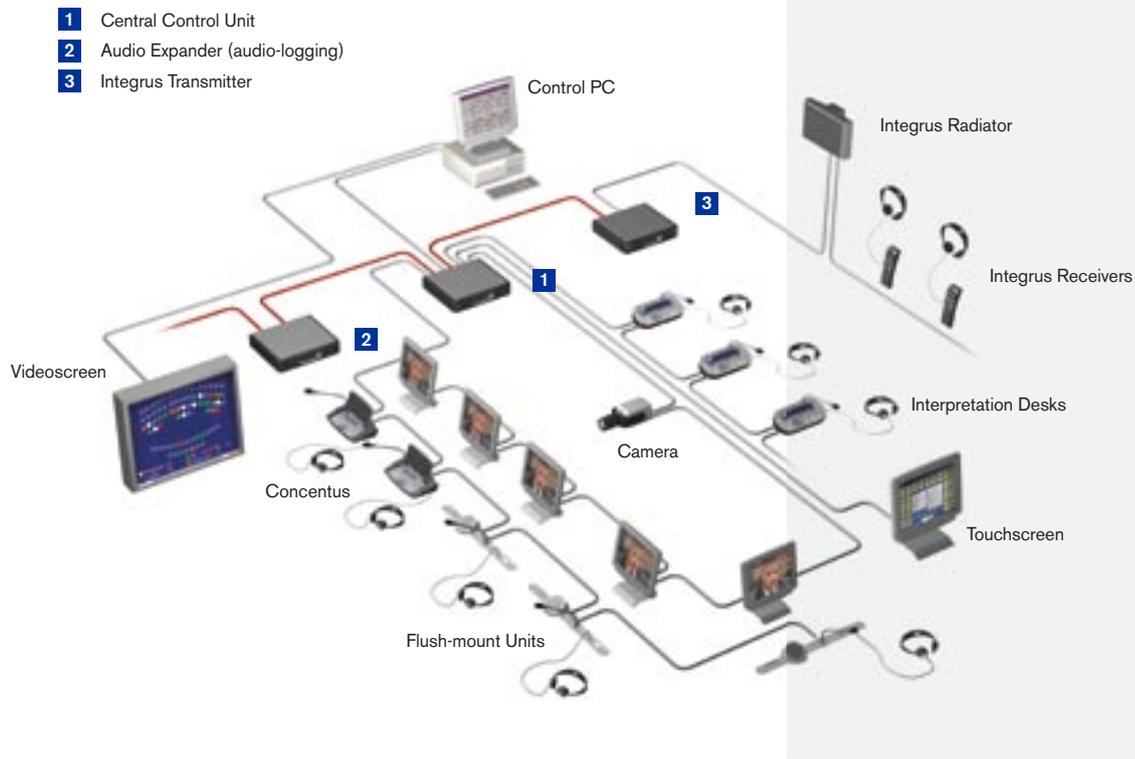
Advanced and attractive

Aesthetic design

Design plays a key role in how people interact with each other; it is important to create an environment that encourages constructive dialog. The DCN Next Generation offers a perfect mix of sophisticated looks and optimized performance. The layout of the sleek control panel has an instantly familiar feel. And the application of advanced acoustical and display technology makes it easy to hear – and read – exactly what’s going on. All of this puts users at ease, and in control. Which is good news for your business.

System design

But the DCN Next Generation doesn’t only stand out in terms of appearance. It is also extraordinarily flexible. Your system can be as small or large as required, with extra units simply plugged into existing ones in a ‘loop-through’ configuration. There is also an extremely high level of compatibility with external systems.



- Styled to harmonize with the surroundings
- Flat-panel loudspeaker significantly increases acoustic performance
- Graphic LCD screen really improves legibility
- Information display in a choice of languages
- Click-to-fit flush-mount panels simplify installation



The DCN Next Generation puts you in total control of your conference environment – whether it's a small permanent system or a large configuration that need to be regularly modified or expanded to cater for varying requirements. It's based around a central control unit that operates with or without application software. Further, modules and components are combined to form a complete system, providing total flexibility in design.

Operational simplicity and acoustical performance

Concentus table top units

All delegate and chairman units feature the innovative flat-panel loudspeaker that improves acoustic performance (up to 20 kHz) and reduces feedback, resulting in outstanding speech intelligibility. Certain models also offer language channel selectors, ID card readers and a backlit graphical LCD screen that displays all standard Windows characters - including complex European languages and icon-based scripts like Chinese.



DCN NEXT GENERATION CONCENTUS FLAT PANEL SPEAKER

- Constant directivity at all frequencies
- Superior sound coverage
- Greatly reduces acoustic feedback
- High-quality reproduction



Good speech intelligibility
for three people



Prestigious iF award

The DCN Next Generation flush-mount range and microphone received a prestigious iF product design award in 2005.

This is quite an achievement, given that 740 participants from 31 countries submitted approximately 1900 products for consideration.

New flexibility that takes your conference to the top of its class

Flush-mount solutions

DCN Next Generation flush-mount units incorporate the same functionality (except for the LCD screen) and performance benefits as the DCN Concentus consoles, while enabling tailor-made fixed installations to be built into tables and arm rests. Stylish and easy to work with, the flush-mount units are simply combined in a strip and finished with matching end caps.



Breaking down language barriers



Hi-fi quality interpretation channels

With up to 32 language channels, the DCN Next Generation easily handles the most demanding requirements of the international congress world. Delegates may choose the floor language or any of 31 interpretations, all delivered with true hi-fi sound quality.





The ergonomically designed interpreter desk is a powerful, intuitive tool for interpreters. Suitable either as a tabletop unit or flush-mounted into a desk. It was designed after exhaustive research on how to make the interpreter's task easier and less tiring. It is especially useful for blind users, through the logical positioning of buttons and the possibility of audible feedback. Greater interpreter satisfaction leads to higher quality, enhancing the reputation of your venue.

The desk is simply plugged into the system cabling (where it is automatically recognized), powered up, and is ready for use. This means you can easily vary the number of interpreted languages required in each room of a multi-room venue on a daily basis. Additional interpreter desks are simply added to supply extra language capacity.



The language of perfection



Distribution of 32 channels

An important aspect to multi-lingual conferencing is the language distribution system. DCN Next Generation delegate positions can easily be equipped with wired, flush-mounted channel selector panels. This allows the selection of any interpretations or the floor language.





For wireless convenience, Bosch also offers the Integrus, an infrared language distribution system that is immune to interference from lighting systems and bright sunlight. It produces crystal-clear sound due a very high signal-to-noise ratio plus built-in error correction.

Interpreted languages are distributed to the pocket-sized receivers via infrared, giving conference delegates complete freedom of movement while listening to the chosen language interpretation on headphones. In addition, infrared transmission increases privacy, as signals do not pass through walls or ceilings.



Software control for extended capability

Realize the full potential of DCN Next Generation

The full potential of the DCN Next Generation is realized with PC control. A family of dedicated DCN software modules deals with all aspects of conference management and control.

This increases the system's functionality while simplifying operation. Control can be via a single PC, or distributed over several PC's to facilitate monitoring or task delegation. Pre-conference activities – like encoding delegate ID cards and writing voting scripts – are also easier.

Even post-conference administration tasks like distributing voting results can be software managed.

The Central Control Unit (CCU) controls delegate units, chairman units and interpreter desks via DCN cabling and communicates with peripheral equipment via loss-free, high-speed fiber-optic cable.



Audio and video expansion

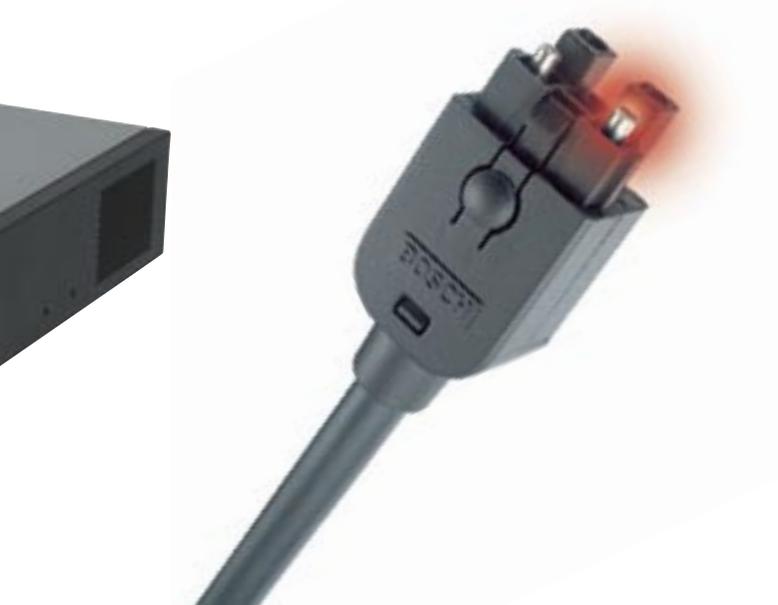


Audio expansion

Audio logging, remote interpretation, transporting or distributing audio from one room to another room is possible over relatively long distances without loss via fiber optic cabling, by using audio expanders (analogue or digital) which are part of DCN Next Generation.

Camera control - an extra dimension in conference systems

A visual dimension not only generates interest and focuses attention, but also informs participants and observers (such as the press) who is speaking. The DCN Next Generation can automatically show an image of the current speaker on monitors or projection screens in the main hall, lobby, interpreters booths, breakout rooms or anywhere else required. The speaker's name and additional information can also appear on screen. Camera control is automatic, so no constant operator attention is required. Bosch AutoDome cameras are ideal for this application.



Extended voting and registration functionality



Versatile voting

The DCN Next Generation incorporates standard parliamentary-style voting facilities. Using dedicated application software, the possibilities can be extended to include audience response, multiple choice and rating voting. Scripts are prepared in advance, allowing results to be instantly displayed on a video monitor or digital text display in the conference venue. The chairman or operator always has full control over starting, stopping and suspending voting.





Delegate registration and identification

Conference participants can register their presence by inserting an ID card into a card reader that is flush-mounted, integrated into the Concentus unit, or located at the conference venue entrance. A push button on delegate units allows simple registration (without identification). It is also possible to specify that delegates may only make use of certain microphone or control functions if they possess an appropriate ID card or have entered an authorized PIN code.



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Tradition of quality and innovation

For over 100 years, the Bosch name has stood for quality and reliability. Bosch Security Systems proudly offers a wide range of fire, intrusion, social alarm, CCTV, management and communication systems and components to help you find the solution for any application. We are the global supplier of choice for innovative technology backed by the highest level of service and support. When you need solutions you can rely on, choose Bosch.

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