











# Bosch DCN Wireless Discussion System

## Application Guide



Now ready for interpretation!

	<p><b>1</b> <b>Wireless Discussion Unit</b> Delegate or chairman mode with or without integrated channel selector</p>
	<p><b>2</b> <b>Wireless Dual Discussion Unit</b> Delegate, dual delegate or chairman mode with or without integrated channel selector</p>
	<p><b>3</b> <b>Wireless Discussion Unit with Voting</b> Delegate or chairman mode with or without integrated channel selector and five voting buttons</p>
	<p><b>4</b> <b>Wireless Central Control Unit</b></p>
	<p><b>5</b> <b>Wireless Access Point</b></p>
	<p><b>6</b> <b>Removable Battery Pack / Battery Pack Charger</b></p>
	<p><b>7</b> <b>Modular AutoDome camera</b></p>
	<p><b>8</b> <b>DCN Control Software</b> on personal computer</p>
	<p><b>9a</b> <b>9b</b> <b>DCN Interpreter Desk (a)</b> <b>Integrus Digital Infrared Language Distribution System (b)</b></p>
	<p><b>10</b> <b>DCN Next Generation Wired Discussion System</b></p>

# DCN Wireless Discussion systems

## Anywhere people meet

Whether the venue is large or small, multi-use or historical, the Bosch DCN Wireless Discussion System offers organizations unparalleled functionality and flexibility. The wireless system can be adjusted to meet any discussion requirement: from a basic non-operator set-up to a fully interactive voting arrangement with a large-screen display or a complex multi-lingual meeting facility. In addition, it is an easy and efficient way to add extra capacity to an existing wired discussion system.

## Discover the possibilities...



# Get down to talking in no time

## Discussion

- ▶ **Ultimate wireless flexibility**
- ▶ **Crystal-clear speech intelligibility**
- ▶ **No low batteries during meetings**



### **Location friendly**

With superb sound and speech quality of up to 20 kHz, the DCN Wireless Discussion System allows participants to speak and listen with ease. Bosch has gone to great lengths to design a system that is easy to use and adaptable to varying situations and requirements. A basic discussion unit allows delegates to talk and listen, while a dual discussion unit is a cost-effective solution which serves two delegates at a time. Chairman's functionality can easily be added to a unit to allow a chairman to overrule other delegates with the touch of a button. Featuring an award winning Wireless Access Point (WAP), this discussion system can be installed, rearranged and operated with virtually no impact on the integrity of the location.

### **User friendly**

Removable Bosch Battery Packs are useful during multi-day sessions where batteries have to be recharged quickly and efficiently. Each compact charging unit can charge up to 5 lithium-ion batteries at once.

### **Security friendly**

It goes without saying that the quality of the signal is superb. Additionally, all signals within the DCN Wireless System are digitally protected against tapping or eavesdropping.



# Let's make it interactive

## Electronic voting

- ▶ **Bosch DCN Control Software:**
  - Fast tally and display of delegates votes
  - Anonymous voting possible
  - Logging of results
- ▶ **Full voting functionality**

### **Time to take a vote**

For interactive situations where polling and voting are important, discussion units with voting functionality can be used in the DCN Wireless Discussion System. The operator can start, stop and suspend voting via the Bosch DCN Control Software on a personal computer or via a touch screen.

### **Displaying results**

Voting results can be synoptically displayed on various kinds of screens and logged if desired. The Bosch DCN Control Software also allows for anonymous voting, displaying the total result.





# Look who's talking

## Camera control

- ▶ **Fast-moving dome camera to show current speaker**
- ▶ **Fixed camera to show an overview image of the venue**
- ▶ **Speaker information on screen**
- ▶ **Operator-free camera system**



### **Automatic camera system**

The system 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. Delegate information appears along with the image. For a general overview of all delegates, the system can switch to fixed-angle cameras.

Camera control and configuration is automatic, so the system can be run without an operator. Bosch AutoDome® cameras are ideal for this application and especially useful when video conferencing between sites. Camera control ensures that participants always have appropriate details on the current speaker.





## Strong combinations

### Flexibility

- ▶ Extra wireless flexibility for practically any wired DCN Next Generation Wired Discussion System
- ▶ A fast and efficient way to extend last-minute capacity
- ▶ System expandability: 95 DCN Next Generation wired units



#### **Flexible system expandability**

A highly mobile and versatile solution, the DCN Wireless Discussion System is a fast and efficient way to add extra capacity to practically any wired conference facility.

A highly mobile and flexible solution, the DCN Wireless Discussion System can be combined with up to 95 DCN Next Generation wired units, including discussion units, Concentus units, interpreter desks and flush-mount units. This is an easy and effective way to add extra capacity to practically any wired Bosch conference facility.



# Managing meetings

## Operator Control

- ▶ **Synoptic room overview for monitoring and controlling microphones**
- ▶ **Voting control with individual results**
- ▶ **Real-time voting results displayed in Microsoft PowerPoint®**
- ▶ **On-screen help in a variety of languages**

### **Intuitive and user-friendly DCN Control Software**

The DCN control software allows an operator a great degree of system control. Delegate names can be easily assigned to all wireless discussion units prior to a meeting. The operator can control the microphones during the meeting, start or stop voting sessions, and display real-time voting results in Powerpoint on the large screen.

During the conference, an operator can monitor the battery status of each individual wireless discussion unit and confirm that the units receive the signal properly. Optimized for touch screens, the software features a multi-lingual graphical user interface (GUI).



When designing the interface, special attention was paid to colors and tone variations to facilitate readability. The software icons were created with a corresponding line and tonal pattern to aid differentiation. This pattern is especially useful if viewers have difficulty distinguishing colors. The green icons feature a vertical line. The blue icons use 2 diagonal lines. The yellow icons have a horizontal line. The orange icons are designed with 1 diagonal line and the red icons are plain.



# Crystal clear in 10 languages

## Interpretation

- ▶ Delegates follow the meeting in their own language
- ▶ 10-language capacity for interpretation
- ▶ Integrated channel selector in discussion units

### The multi-lingual meeting

With a 10-language capacity, the system is designed so that delegates can follow the meeting in their preferred language. This is why certain DCN Wireless discussion units come equipped with a channel selector and headphone jack.

Delegates select the preferred language via the channel selector, which features up to 10 customizable language channels. The interpreters, located in a soundproof booth, use a DCN Interpreter Desk with graphic, back-lit LCD displays and interpreter headphones.





# A growing conference system

## Unlimited possibilities

- ▶ **Highly versatile system for conferences, meetings and governmental facilities**
- ▶ **Multimedia, interpretation and voting capability**
- ▶ **Designed for seamless, crystal-clear communication with superb speech intelligibility**

### **Flexible system expandibility**

Besides functions like interactive voting and automatic camera control, the DCN Wireless Discussion System is ready to handle a complete interpretation system with up to 10 language channels as well. A highly mobile and flexible solution, the DCN Wireless Discussion System (up to 150 units) can also be combined with the DCN Next Generation wired units (up to 95 units). This is an easy and efficient way to add extra capacity and versatility to practically any conference facility or meeting area, from small-scale meetings to larger multilingual events.

### **Specific System Functionality**

**Discussion:** The DCN Wireless Discussion System provides superb sound and speech quality up to 20 KHz.

**Voting:** Discussion units with voting capability can be used in the DCN Wireless Discussion System.

**Interpretation and Language Distribution:** Participants can follow the discussion in their native language via the channel selectors on the wireless discussion units while passive listeners can listen to the meeting in a language of their choice via the compact Integrus receiver.

**Automatic camera control:** The DCN Wireless Discussion System can be set to automatically display an image of the current speaker.







## **A Tradition of Quality and Innovation**

For over 100 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.



### **Bosch Security Systems**

To learn more about our product offering, please visit [www.boschsecurity.com](http://www.boschsecurity.com) or send an e-mail to [emea.securitysystems@bosch.com](mailto:emea.securitysystems@bosch.com)

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