

Communication across Boundaries

SDC 8200 Sennheiser
Digital Conference
and Interpretation System

Your first choice for hotels, congress halls, event venues and conference rooms. When people from all parts of the world meet, a professional conference system is a must. It is the prerequisite for communication across the boundaries of language and the basis for a successful conference. Participants in an event want to concentrate on the topics at hand and need a conference system that is easy to operate. Furthermore, organizers need a system that can quickly adapt to different types of events and varying numbers of participants.

SDC 8200 is the solution you are looking for. Fully digital, the system sets new standards in professional conference technology. SDC 8200 is a flexible communications solution – a sound investment that pays off, again and again. SDC 8200 is available in a variety of configurations catering to different needs. Whether you are hosting a small conference or a large congress – there is always a suitable SDC system for your application.



Communication



SDC 8200 – Digital Conference System

Fully Digital

State-of-the-art digital technology ensures that you can fully concentrate on the event and the participants. SDC 8200 is simple and easily expandable.



Sophisticated Design

The SDC 8200 system is a valuable addition to your conference venue. All controls have been designed to make conferences as efficient as possible. High-quality built-in loudspeakers create a “distributed” sound reinforcement system, providing excellent sound at a pleasant volume throughout the entire room.



International

Are you planning a conference with international participants? With SDC 8200 you can directly integrate interpreter consoles into the conference set-up. The system can provide simultaneous interpretation in up to 28 languages with up to 8 interpreters per language. Wherever and whenever you want, SDC 8200 is as flexible as you need it to be.



Straight-forward Operation

Our engineers have designed the system in such a way that it can be operated intuitively. Participants, chairmen or interpreters – everybody can use their units from the start with ease.



When people from all parts of the world meet, they want to concentrate on the topics at hand and communicate across the boundaries of language and space. Whatever the subject they are discussing, they will need a conference system that is easy to operate but sophisticated enough to allow voting, messaging and simultaneous interpretation into many languages. The modular, expandable and mobile SDC 8200 Digital Conference and Interpretation System brings a host of new features to the conference room, including new terminal configurations to meet any application, from a small seminar to a large international conference with up to 1,024 participants.

Crossing Boundaries SDC 8200 Conference and Interpretation System



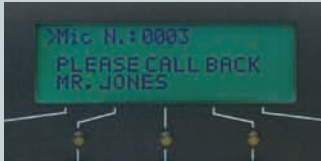
Crossing the Language Barrier

Interpreters are preoccupied with more important tasks than worrying about which button to press. For this reason, the SDC interpreter unit has been designed according to internationally accepted standards. A convenient display shows all selected settings.



Speaking Freely

Would you like to get input from the audience? Simply connect one or two RF wireless receivers to the SDC 8200 central unit. Two presenters with wireless microphones can move freely through the venue. All comments are transmitted to the participants' conference terminals. Also an ideal solution for presentations that require freedom of movement.



Discreet Messaging

All participants can switch off their mobile phones – and still be reached! The SDC 8200 DV delegate unit features a special messaging function. Via PC, the message is addressed to the correct participant and shown on the display of his or her delegate unit.

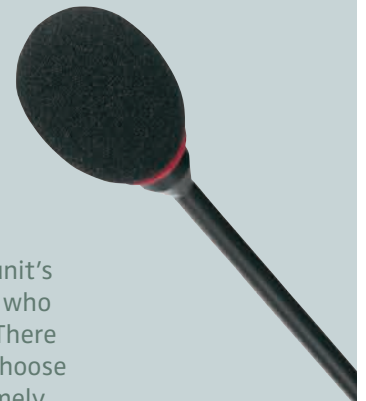


Voting and Polling

The SDC 8200 DV delegate unit offers a voting function with automatic tallying. Participants receive their personal smart card which permits them to vote. A total of five voting keys allows for more complex ballots. Results can be conveniently displayed via a PC and video projector or plasma screen.

Two-in-one

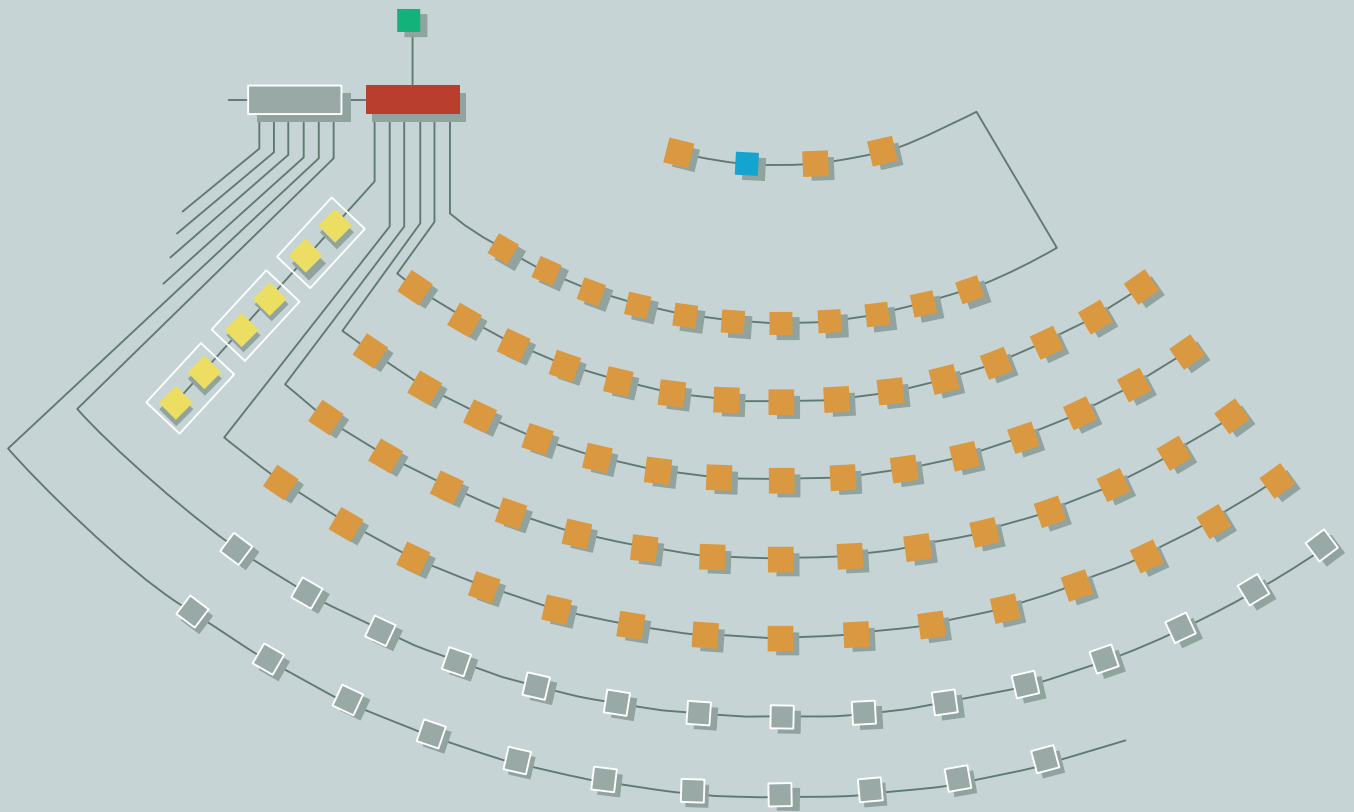
For large events, several SDC 8200 systems can be combined to create systems with up to 1024 conference terminals. Are you planning a larger conference? The SDC 8200 DC is your delegate unit of choice, as it can be used by two participants. For this purpose, the terminal has two separate headphone jacks, for which different languages and volume levels may be chosen.



On Air

The LED ring on the delegate unit's gooseneck microphone shows who has currently taken the floor. There are ten conference modes to choose from, making SDC 8200 extremely flexible.

SDC 8200 – The Entire Series



Keep the delegates connected. If you are planning a conference with international participants, the SDC 8200 lets you directly integrate interpreter consoles into the conference setup. The system can provide simultaneous interpretation in up to 28 languages with up to 8 interpreters per language. Easy to set up and dismantle, the conference terminals are simply connected in series and linked to the Central Unit. By daisy-chaining several central units, additional stations can be added, creating systems with up to 1024 conference terminals. Interpreters and chairmen can be placed anywhere in the conference room. You can integrate audience input via wired or wireless microphones, arrange complex voting ballots and use the terminals for messaging. You can also control and monitor the whole proceedings via PC.

SDC 8200 – The Entire Series



SDC 8200 DC This delegate unit has the same basic features as the SDC 8200 D, but also has two independent sets of channel selection keys for listening to the translated language. Two delegates can share the same unit, even listening to different languages, if they so desire. (Only one participant can vote, though; so if the voting function is needed it is better to have one unit per delegate.)

SDC 8200 CC Incorporates the same functions as the SDC 8200 DC delegate unit plus two special keys for switching off live microphones (priority key) and for activating the microphone of the next participant who has requested to speak (when in Request mode).



SDC 8200 DV This top-of-the-range delegate unit is designed for a single user. It incorporates the same basic functions of the SDC 8200 DC, but adds two further voting keys so that "choice of 5" voting can be done as well as the standard "yes, no, abstain" voting. It also has a card reader for secure "smart card" voting as well as an LCD display for identification and for displaying voting results. Individual or global text messages can be sent to this unit when the system is PC controlled.

SDC 8200 CV This top-of-the-range chairman's unit incorporates the same functions as the SDC 8200 DV delegate unit. In addition, it features a comprehensive voting menu and two special keys for switching off live microphones (priority key) and for activating the microphone of the next participant who has requested to speak (when in Request mode).

SDC 8200 – The Entire Series



SDC 8200 ID The interpreter unit has been designed according to international ISO standards. It can either be used with the built-in gooseneck microphone or, optionally, with a headset. The unit comes with two headphone jacks, a socket for the headset microphone, volume and tone controls, display, A/B output channel selection and three relay-preset keys for selection of incoming languages.

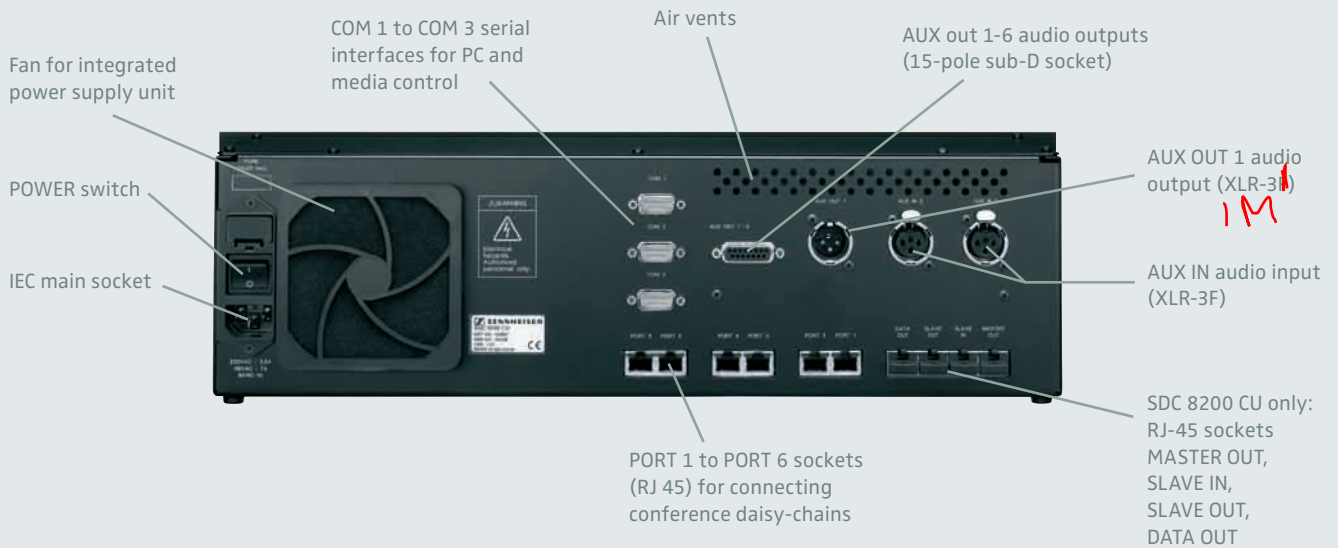
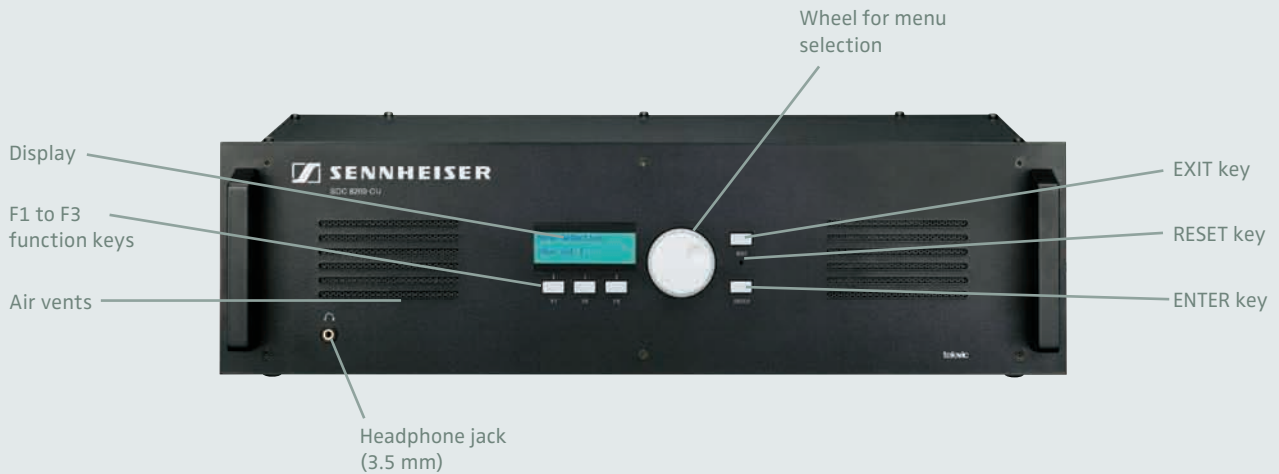
Technical Data

Model	SDC 8200 C	SDC 8200 D	SDC 8200 CC	SDC 8200 DC	SDC 8200 CV	SDC 8200 DV	SDC 8200 ID
Standards	–	–	–	–	–	–	ISO 2603 ISO 849
Audio frequency response	100 – 14,000 Hz	100 – 14,000 Hz	100 – 14,000 Hz	100 – 14,000 Hz	100 – 14,000 Hz	100 – 14,000 Hz	100 – 14,000 Hz
Microphone pick-up pattern	cardioid	cardioid	cardioid	cardioid	cardioid	cardioid	cardioid
Headphone jack(s)	3.5 mm mono ($\geq 32 \Omega$)	3.5 mm mono ($\geq 32 \Omega$)	3.5 mm mono ($\geq 32 \Omega$)	3.5 mm mono ($\geq 32 \Omega$)	3.5 mm mono ($\geq 32 \Omega$)	3.5 mm mono ($\geq 32 \Omega$)	3.5 mm mono ($\geq 32 \Omega$)
Operating voltage	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC	48 V DC
Power consumption	max 2.5 W	max. 2.5 W	max. 2.5 W	max. 2.5 W	max. 3.5 W	max. 3.5 W	max. 3.5 W
Operating temperature range	0° to + 50° C	0° to + 50° C	0° to + 50° C	0° to + 50° C	0° to + 50° C	0° to + 50° C	0° to + 50° C
Finish	Pantone Black 7 C	Pantone Black 7 C	Pantone Black 7 C	Pantone Black 7 C	Pantone Black 7 C	Pantone Black 7 C	Pantone Black 7 C
Housing	ABS	ABS	ABS	ABS	ABS	ABS	ABS
Dimensions (mm)	150 x 80 x 185	150 x 80 x 185	150 x 80 x 185	150 x 80 x 185	150 x 80 x 185	150 x 80 x 185	150 x 80 x 185
Length of gooseneck (mm)	380	380	380	380	380	380	380
Weight	570 g	570 g	570 g	570 g	590 g	590 g	600 g
Connectors	2 x RJ 45 sockets for connecting up to 20 units in one cable line						

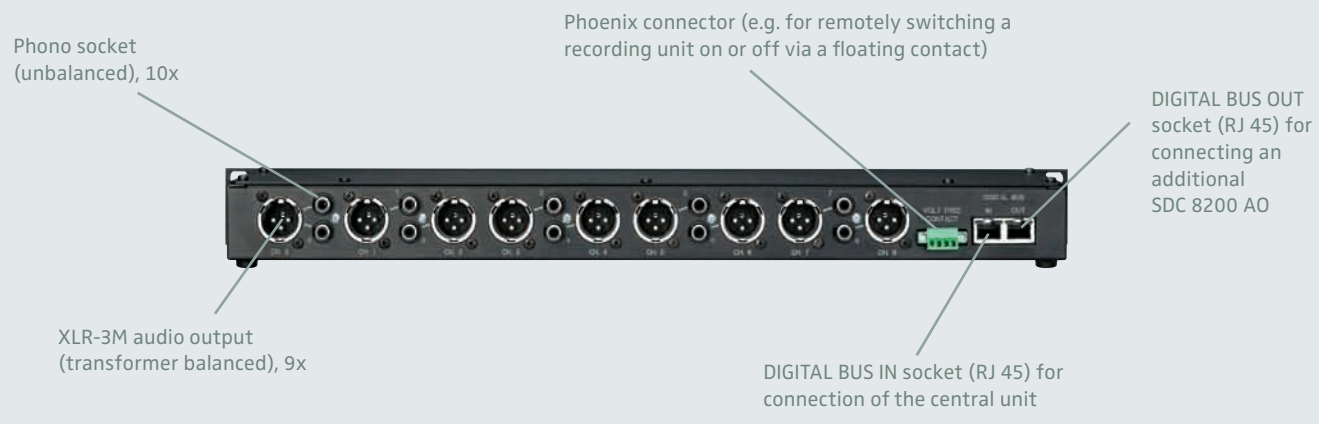
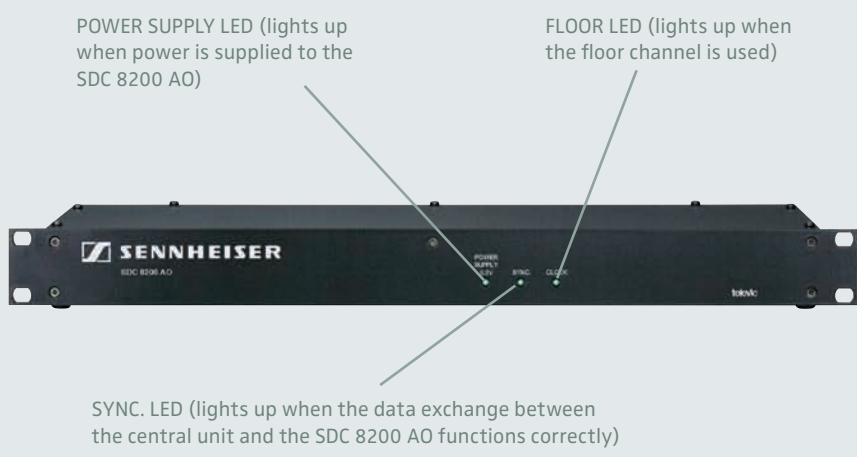
Accessories

- ▶ RJ 45 conference bus cables, type 24 AWG, available lengths: 2 m, 3 m, 5 m, 10 m, 20 m, 50 m
(Please note: Do not use standard Ethernet AWG 26 cables!)
- ▶ HD 410 D, HD 1029 headphones
- ▶ Sennheiser Communications PC Series headset
- ▶ SDC 8000 CARD, smart card for participant identification

SDC 8200 – The Entire Series



SDC 8200 CU/CU-M The heart of every system. These central units feature a host of control functions plus all the connection sockets required for the delegate units, additional audio sources, monitoring headphones, PC, interpretation management and camera control. While the SDC 8200 CU is the ideal choice for large international conferences with many hundreds of delegates (several CU can be connected together for very large systems), the SDC 8200 CU-M has been designed for smaller applications; it has a limit of 50 terminals and four interpreted language channels with a maximum of two interpreter units per language.



SDC 8200 AO This optional audio interface can be connected to the SDC 8200 CU central unit, providing the floor language channel plus eight interpreted language channels for connecting recording equipment or infra-red transmission systems.

Technical Data

Technical Data of SDC 8200 CU/SDC 8200 CU-M

Audio inputs	AUX IN 1, 2; XLR-3F, balanced	PC interfaces	COM 1, 3: RS 232 SUB-D-9
Input level	+ 6 dBu	Camera control, media control.	COM 2: RS 232 SUB-D-9
Input impedance.	> 6 k Ω at 1 kHz	Power supply.	88 – 264 V (47 – 63 Hz)
Audio frequency response	100 – 14,000 Hz	Power consumption	max. 3.5 A/230 V; 7.0 A/115 V
Audio output AUX OUT 1.	XLR-3M, balanced	Fuse	3.15 A/230 V; 7.0 A/115 V
Output level.	max. 6 dBu	Output voltage	48 V (conference ports 1 to 6)
Output impedance	< 200 Ω at 1 kHz	Operating temperature range	0° – +50° C
Signal-to-noise ratio	78 dBA	Fan noise	48 dBA SPL at 1 m
Audio output		Dimensions	485 x 141 x 265 mm
AUX OUT 1 – 6.	SUB-D-15, unbalanced	Weight	6 kg
Output level.	max. 0 dBu		
Output impedance	< 100 Ω at 1 kHz		
Signal-to-noise ratio	75 dBA		

Comparison between SDC 8200 CU and SDC 8200 CU-M

Model	SDC 8200 CU.	SDC 8200 CU-M
Max. number of conference terminals	120.	50
Can be used with SDC 8200 DV	yes	no
Cascadable.	yes (system max.: 1024 conference terminals)	no (max. 50 conference terminals)
Language channels	4/8/28 (depending on licence).	4
Interpreter units per language	1 to 8.	1 or 2
Supported voting modes	one out of three, one out of five	one out of three
Camera and media control	yes	yes
Connection of SDC 8200 AO	up to 4.	no
Control software.	SDC 8200 SYS.	SDC 8200 SYS-M

Technical Data of SDC 8200 AO

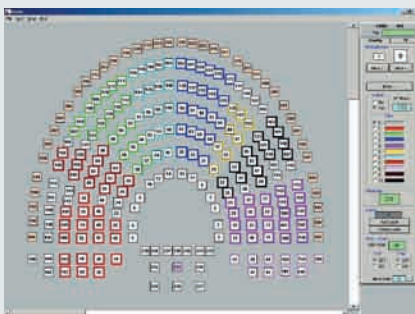
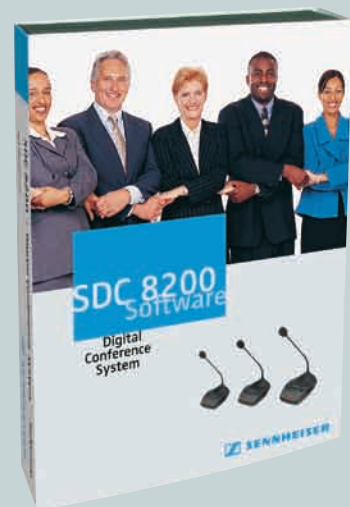
Operating voltage	48 V DC via SDC 8200 CU DATA OUT Port
Audio frequency response	100 – 14,000 Hz
Output level.	max. 0 dBu
Output impedance	\leq 80 Ω at 1 kHz
Signal-to-noise ratio	77 dBA
Operating temperature range	0° – +50° C
Dimensions	485 x 44.5 x 186 mm
Weight	2.7 kg

Use the performance of SCD 8200 with the configuration and control software SCD 8200 SYS. At major conferences, control and monitoring are the key factors in ensuring that the event runs smoothly. SCD 8200 SYS makes it easy for conference managers to organize the speeches and contributions from participants throughout the hall. A simple mouse click allows speakers to address the meeting. If a fixed seating plan is available, names can be assigned to the seats, making it possible to simply click on the name of the speaker in order to activate the microphone at the correct seat. If required, addresses and party memberships can also be stored in a database.

A prepared agenda ensures that the participants are unambiguously guided through voting procedures. After the voting session has ended, the system provides a graphic evaluation of the results. A further set of networked video PCs and projectors allows all participants to see the results of the voting immediately, presented either as a bar chart or a pie chart. The various applications can be put together in a modular way according to customer requirements. Modules available for use with the SCD 8200 SYS for SCD 8200 CU applications include the SCD 8200 S-MM Microphone Management, SCD 8200 S-VM Voting Management, SCD 8200 S-VD Voting Result Display, SCD 8200 S-IM Interpreter Management and SCD 8200 S-DM Delegate Management.

SCD 8200 SYS-M is the all-in-one software package for smaller conference systems that use the SCD 8200 CU-M central unit. It contains everything needed for controlling and monitoring a conference but will only support – like the SCD 8200 CU-M central unit – up to 50 conference terminals and “yes/no/abstain” voting only. This software (running on the master PC) can be used with one slave PC and one video PC (for voting results display).

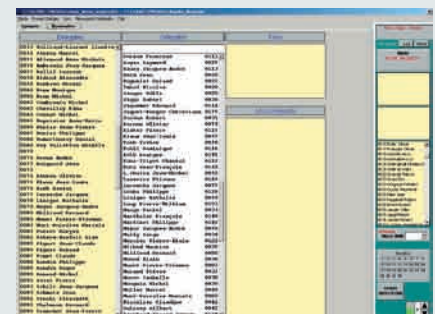
- ▶ Conference configuration
- ▶ Microphone control with seating plan
- ▶ Microphone control via name list
- ▶ Participant database
- ▶ Voting module
- ▶ Agenda administration
- ▶ Graphic display of voting results
- ▶ Print-out of voting results via network slave PCs (SCD 8200 SYS-M: one slave PC)
- ▶ Smart card programming (SCD 8200 SYS only)
- ▶ Text messaging (SCD 8200 SYS-M: only to SCD 8200 CV chairman's unit)
- ▶ Interpreter configuration
- ▶ Conference control via network slave PCs (SCD 8200 SYS-M: one slave PC)



Individual conference hall graphics



Voting function



Delegate management



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