

Listen[®]



Danish Interpretation Systems

DCS 6000 Digital Conference System

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IS 6132 Interp

Speaking too fast

Call

English
Danish
French
German
Italian
Japanese
Korean
Portuguese
Russian
Spanish
Swedish
Tagalog
Thai
Turkish
Vietnamese

Incoming

Floor

Volume

Bass

Treble

Relay select

Menu

Danish Interpretation Systems

A: IAFR E: IAFR
B: IAFR F: IAFR
C: IAFR G: IAFR
D: IAFR H: IAFR

Enter

DCS 6000
V8
2.0

Low
High
LineOut

Delegate off
Speaker

The Floor Conference Discussion

The Digital Conference System, DCS 6000 system is designed specifically for conference discussion, voting and simultaneous interpretation purposes. In addition to providing a sound reinforcement system for the users it can be set up to manage discussion sessions, voting sessions and simultaneous interpretation in different operating modes depending on the requirements of the users. DIS has created the best technical opportunities for the interpreters, the chairmen and the delegates - regardless of origin to be able to listen, talk, vote, and understand each other and to derive full profit from the conference. Our solutions - simple or advanced - make it much easier for the delegates to keep up the dialogue.

All digital

The DCS 6000 system is a fully digital conference system based on an innovative technology and the first system in the market to handle up to 8 active microphones plus 32 different language channels simultaneously. All DCS 6000 system components are connected in the DCS-LAN with



The solution is based on a powerful central unit, CU 6011. The CU 6011 includes both power supply for connected DCS 6000 units and basic system control features. With some extension units the total capacity of the DCS 6000 system may be enhanced for up to 3800 microphones, voting units and interpreter sets and an unlimited number of channel selectors.

standard, thin and flexible shielded CAT-5 cables to facilitate the installation and maintenance. In the basic configuration the units are connected in a single chain from 4 outputs of the CU 6011. To enhance redundancy and to enlarge the DCS-LAN, adding extension units will branch out the chains. This enables the possibility of replacing conference units and interpreter sets in use without interrupting the system.

User-friendliness

Although this system is the most advanced DIS system ever, the renowned DIS philosophy reaching optimum performance with a minimum of skilled efforts also apply for the DCS 6000 system. Just connect the DCS 6000 system components to the CU 6011, switch on the main power and you are ready to work. The DCS 6000 initializes and configures itself with pre-set parameters letting you work immediately. For easy adjustment of system parameters a self-explanatory menu is provided through the LCD display of the CU 6011. With a few push buttons you may change the modes of operation, audio level settings, maximum number of speakers and request settings, number and name of languages, memory set-up and check the system performance. For more advanced use the DCS 6000 conference management software, SW 6000 enables extended control and enhanced features from a central PC or a PC client/server network.



The SW 6000 modules support numerous screen languages, login procedures, delegate information, microphone, voting and interpretation management, room/hall selection, synoptic/mimic diagram, message/intercom, system administration, sound streaming, agenda handling, information display handling etc. The SW 6000 supports one screen for each delegate/chairman.

Portable microphones

The DCS 6000 system offers microphone units, DM/CM 6000 series, in an attractive styling for the conference participants. The basic unit is designed for tabletop use and is available as a delegate (DM) or a chairman (CM) version. The DM 6010 is a microphone-only unit, whereas the DM 6060 or DM/CM 6070 version includes independent channel selectors for simultaneous interpretation purposes. The latter being an excellent option if two delegates – even of different nationalities - are to share one unit. The flexible part of the gooseneck microphone allows the microphone to be moved around without moving the casing.

Channel selectors

The DCS 6000 system also offers separate Channel Selectors – CS 6032. The channel selector includes an illuminated LCD display showing the selected channel, the sound level and mini jack connector for headphones. The channel selector is programmable, as the default setting of the start-up volume level and channel number for each unit may be altered individually.

Customized design

An ancient congress hall or a newly built auditorium make different demands on the installation. DIS has specialized in meeting such demands. The design of the conference units can be customized according to architectural requirements from the furniture with regard to colour, shape, size and material. The flush mount microphone panels can be equipped with a loudspeaker, fixed gooseneck microphones or XLR socket for handheld microphones or detachable gooseneck microphones, and may integrate voting buttons, LCD display, channel selector or a card reader.



Portable microphones (delegate or chairman) include a loudspeaker built into the slightly raised casing, a gooseneck microphone with a powerful red LED "active/non-active" light indication formed as a ring around the microphone and a "push-to-talk/request" button. The chairman version is equipped with a "delegate-off" (priority) button. The built-in loudspeaker is switched off when the microphone is activated.

The Booth Simultaneous Interpretation

An interpreter requires a reliable and user-friendly system to minimize the risks of misinterpretation. The DCS 6000 system fulfills both of these requirements. The unique digital communication bus of the DCS 6000 system – the DCS-LAN enables transmission of up to 32 channels for simultaneous interpretation with excellent sound quality. Up to 32 interpreter sets can be assigned for each language.

Interpreters equipment
The Interpreter Set – the IS 6132 is a compact multi channel interpreter set designed to provide all the facilities needed by an interpreter. The ergonomic design of the IS 6132 Interpreter Set is a result of many years of co-operation with experienced interpreters worldwide. The interpreter can easily monitor the languages that have been selected for the 4 incoming pre-sets and for the outgoing A and B languages. The actual relay status is clearly indicated in the display next to the language code. The console furnishes connections for gooseneck microphones, head-phone, headsets and optional tabletop loudspeakers. The LoudSpeaker, LS 6132 enables the floor sound to be monitored without use of a headphone.

The speaker sound is cut when one of the booth interpreter sets is active.

The best speech intelligibility
The signal transmitted between the DCS 6000 units is true digital, and the technique used provides the same listening level on all channels independent of the speech level of the individual interpreters. The Interpreter Set uses the same high quality microphones as the conference microphone units ensuring optimum audio quality regardless of the number of active channels. To provide the best speech intelligibility for the interpreters, the system features e.g. separate volume and bass/treble controls, intercom function, a “speaking too fast” button, and a “cough” button (muting).



The IS 6132 has 4 direct accessible pre-select buttons for incoming channels in addition to the original floor language and 2 pre-select buttons for the outgoing channels (A and B). A large illuminated LCD display with 4 lines provides clear information about the actual setting.



Reliability

The reliability of the DCS 6000 system is unparalleled. The DIS proprietary digital technology with the well proved usage of standard shielded CAT-5 cabling provides a superior platform for a reliable and stable conference and simultaneous interpretation system. Adding the DCS 6000 remote network surveillance for active monitoring of the system status and performance ensures an unbeaten uptime. Automatic termination built into each DCS 6000 system component prevents system break down if a cable is unplugged during a meeting.

Audio connections

The CU 6011 furnishes standard analog audio line input and line output for external devices such as telephone coupler, tape recorders, audio mixer console etc., as well as, distribution of the original language through external PA systems. If it is required to record or monitor some or all 32 channels or enable infrared language distribution, one or more AO 6008 Audio Output units can be included in the system. The AO 6008 unit provides 24-bit D/A conversion of 8 optional digital channels to 8 analog output channels.

The best sound quality available

The DIS microphone provides maximum audio quality even in acoustically difficult rooms, regardless of how many microphones are open at the same time. To obtain the best listening comfort each delegate may adjust the sound level individually.

The microphone capsule used is a high quality unidirectional condenser type, hung up in a double rubber suspension providing optimal acoustic isolation. This prevents mechanical noise from the table such as finger tapping or paper crushing to be picked up.

All microphones include digital sound processing, which dynamically improves the sound level and virtually avoids any potential acoustic feedback. High-resolution A/D and D/A converters for microphone capsules and loudspeaker units of high quality are integrated locally in the DCS 6000 system components.



Digital IR Receivers can be used in wireless simultaneous interpretation systems. By means of invisible infrared light up to 32 channels can be received in digital sound quality. The receiver comes in an attractive and stylish design, fits easily into the hand or a shirt pocket.

System Components DCS 6000

Central Equipment



CU 6011
DCS 6000 High Power Central Control Unit



EX 6010
DCS 6000 Extension Power Supply



AO 6008
DCS 6000 8-Channel Analog Output Unit



JB 6002
DCS 6000 2 Tap-Out Junction Box



JB 6004
DCS 6000 4-Tap-Out Junction Box



RP 6004
DCS 6000 Repeater



PS 6000
DCS 6000 In-Line Extension Power Supply



EC 6000
DCS 6000 CAT-5e STP Cable Assembly



EC 6232
D-sub DB9 RS232 Cable

Interpreter equipment



IS 6132 P
DCS 6000 32-Channel Interpreter Set for Pluggable Mic



IH 6000
DCS 6000 Interpreter Headset



LS 6132
DCS 6000 Interpreter Loudspeaker

GM 6422

GM 6424

GM 6425



Pluggable Microphone 14.2 in. (36 cm), 19.7 in. (50 cm), 24.8 in. (63 cm)



CS 6032 FHB1
DCS 6000 Flush Mount Channel Selector

Delegate/Chairman Equipment



DM 6010 P
DCS 6000 Delegate Unit w/ Fixed
Mic 15.8 in. (40 cm)



DM 6060 P
DCS 6000 Delegate Unit w/ Single
Channel Selector Fixed Mic
15.8 in. (40 cm)



DM 6090 P
DCS 6000 Delegate Unit w/ Dual
Channel Selectors for Pluggable Mic
CM 6090 P Chairman Unit



DM 6070 P
DCS 6000 Delegate Unit w/ Dual Channel
Selectors & Fixed Mic 15.8 in. (40 cm)
CM 6070 P Chairman Unit



MU 6040 D/C
DCS 6000 Microphone Unit for Flush Panels.
Delegate and chairman versions



DV 6501 F
DCS 6000 3 Button Flush Mount
Voting Unit



DM 6560 F
DCS 6000 Delegate Flush Unit
w/ 3 Voting Buttons, Single Channel
Selector & Fixed Mic 15.8 in. (40 cm)



DM 6510 F
DCS 6000 Delegate Flush Unit
w/ 3 Voting Buttons & Fixed Mic
15.8 in. (40 cm)



CM 6060 F
DCS 6000 Chairman Flush Unit w/ Single
Channel Selector & Fixed Mic 15.8 in. (40 cm)
DM 6060 F Delegate Unit



AM 6040
DCS 6000 Ambient Microphone Unit



HM 4042
Handheld Microphone



FD 6012 FHB-6033-GB-100
Dual Delegate Flush panel
w/ Fixed Mic 14.2 in. (36 cm)



FC 4011 FHB-4432-GB-100
Chairman Flush Panel w/ out
Loudspeaker, w/ Fixed Mic
14.2 in. (36 cm)

Digital IR Equipment



DT 6008 / DT 6032
Digital IR Transmitter for 8 or 32 channels



RA 6025
Digital IR High Power Radiator



RA 6013
Digital IR Medium Power Radiator



DR 6004
DR 6008
DR 6032
Digital IR Receiver
4, 8 or 32 channels



DH 6021
Stereo
Headphones



DH 6023
Stethoscope
Stereo
Headphones



DH 6025
Clip Headphone



About DIS

DIS, Danish Interpretation Systems is one of the world's leading brands of advanced conference electronics. DIS provides complete system solutions of advanced electronic conference products to the global meeting industry on a permanent or rental supply basis. Conference Microphone and Discussion Systems, Simultaneous Interpretation and Translation Systems, Language Distribution Systems, Conference Voting and Audience Response Systems. DIS is engaged in product development, manufacturing and worldwide sales and has more than 50 years of experience in serving global clients in the meeting and communication industry.

The DIS products today are the result of decades of accumulated know-how combined with the usage of the latest available analogue and digital technologies. DIS is a subsidiary of the Danish company Informationsteknik Scandinavia Group and is represented through a global partner network in more than 80 countries. DIS offices are to be found in Copenhagen, Aarhus, Malmö, Stockholm, Oslo, Brussels, Bangkok and Dubai.

For more information visit
www.dis.cc

Listen®



Danish
Interpretation
Systems



About Listen Technologies Corporation

Listen Technologies Corporation manufactures and distributes audio products used in auditory assistance, soundfield, tour group, language interpretation and conferencing applications. Listen products provide superb audio performance, flexibility and ease of use, making them the ideal choice for schools, houses of worship, factories, entertainment facilities, government agencies and other entities. For more information on Listen solutions, contact Listen Technologies at +1.800.330.0891, or visit www.listentech.com.

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