VERSATILE, UPGRADEABLE, SCALABLE.

DIS **DCS 6000** Digital Conference System Components

CENTRAL EQUIPMENT

JB 6104

Junction Box for connecting one conference unit to each of the 4 output connectors

DIS-CCU CENTRAL UNIT

Central unit with control for up to 3,800 conference units and 150 interpreter sets.
Supports 8 outputs and 31 interpreted channels. Fully digital audio transmission with selectable scrambling to prevent eavesdropping. Support for four microphone operation modes: Automatic, FIFO, Manual, and VOX (voice activated). Up to 8 simultaneous open microphones with Auto-Off.

RP 6004

Repeater for in/outgoing bus

PI-6000

Power Inserter for providing additional power to the DCS-LAN

EX 6010 EXTENSION UNIT

An extension power supply for increasing either the DDS 5900 or the DCS 6000 systems' capacity. The power supply splits one DCS-LAN chain into 4 chains while adding regeneration of the signal and 125 watts of power to each of the four chains.

AO 6008 AUDIO OUTPUT UNIT

Outputs eight floor or language channels to IR language distribution systems, recording and web-streaming devices. Most settings are accessible via an easily navigable menu on the front of the AO. The audio properties can also be controlled by a PC with SW 6000 software.

AO 6004

4 channels analogue Audio Output unit

PORTABLE CONFERENCE UNITS

DC 6990 P CONFERENCE UNIT

Universal conference unit with built-in loudspeaker, lockable XLR socket, chipcard reader, voting functionality, channel selector, 2 headphone jacks and 3.5" touch screen.

DM 6680 P CONFERENCE UNIT

Delegate conference unit with built-in loudspeaker, lockable XLR socket, chipcard reader, voting functionality, channel selector and headphone jack.

DC 6190 P CONFERENCE UNIT

Portable conference unit which can be configured both as chairman and delegate unit.
The unit features speak/function buttons, XLR gooseneck microphone connector, loudspeaker, two channel selectors and two headphone connectors.

MICROPHONES

GM 652X

Gooseneck microphone for discussion and conference units with XLR socket.

GM 6523 40 cm length
GM 6524 50 cm length
GM 6525 63 cm length

HM 4042

Handheld microphone to use in combination with microphone unit MU 6040.

BM 6022

Boundary microphone for flush-mount units.

DIS **DCS 6000** Digital Conference System
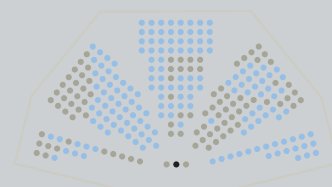
DIS IS ALL ABOUT CONFERENCING.

Clarity, precision and reliability are absolutely essential in today's world when important information is shared and decisions made in conferences and meetings. The DCS 6000 system is fully digital based on an innovative technology, providing crystal clear audio everywhere. The most efficient solution when users need to hear and be heard.

Attractively styled microphone units are available in portable or flush-mounted versions, all with lockable, RF resistant gooseneck microphones and optional voting or language interpretation facilities. The system is easily configured and controlled either from the central unit or managed by the SW 6000 Conference Management Software

All DCS 6000 system components are connected in the DCS-LAN with standard shielded Cat5e cables to facilitate ease of installation and maintenance.

Key Features include:
– Superior audio quality
– Intuitive, user-friendly operation
– Scalable to meet the requirements of each meeting
– Fully integrated with web streaming and archiving
– Easily interfaced to control systems such as AMX or Crestron
– Audio encryption for security needs
– Future-proof, upgradeable system design

The DCS 6000 Digital Conference System for all conferencing demands – from a large customized installation in a historic city hall or parliament to a plug-and-play rental system.

FLUSH-MOUNTED CONFERENCE UNITS

CM 6680 F / DM 6680 F CONFERENCE UNIT
Flush-mounted conference unit in chairman or delegate version. Each unit feature speak/function buttons, a XLR gooseneck microphone connector, loudspeaker, 5 voting buttons, chip card reader and one channel selector.

CM 6680 F Chairman version
DM 6680 F Delegate version

DM 6620 F CONFERENCE UNIT
Flush-mounted delegate conference unit. The unit features a speak/request button, a XLR gooseneck microphone connector, loudspeaker, 5 voting buttons and a chip card reader.

DV 6501 F CONFERENCE UNIT
Flush-mounted delegate conference unit. The unit features 3 voting buttons and a chip card reader.

CM/DM 6080 F CONFERENCE UNIT
Flush-mounted conference unit in chairman delegate version. Each unit feature speak/function buttons, a XLR gooseneck microphone connector, a loudspeaker and channel selector.

CM 6080 F Chairman version
DM 6080 F Delegate version

CUSTOMIZED

CM / DM 6XXX F CONFERENCE UNIT
Customized delegate/chairman units with specific shape, colour and functionalities available on request.

CM 6XXX F Chairman version
DM 6XXX F Delegate version

FC 6021 / FD 6121 CONFERENCE UNIT
Flush-mount unit with lockable XLR socket, speak and delegates off button (Chairman version)

FC 6021 Chairman version
FD 6121 Delegate version

MICROPHONE UNITS

MU 6040 D / MU 6040 C MICROPHONE UNIT
Microphone unit to connect FC/FD 6xxx conference units.

MU 6040 C Chairman

MU 6040 D Delegate
MU 6042 D Dual Delegate

AM 6040 AMBIENT MICROPHONE UNIT
Ambient microphone unit for detecting ambient noise in a conference room. To use in combination with the microphone unit MU 6040.

CUSTOMIZATION
FOR SPECIAL LOCATIONS

Although DIS products can be used for almost any kind of installation, sometimes our standard hard- or software products don't fit 100% to the customer's requirements. In these cases we can assist by designing a special product or feature according to your requirements. No matter if you need a conference unit in a special colour, shape or with your company logo – please contact us in order to check what we can do. Besides hardware we are also able to customize the SW 6000 software, so even in the rare case that there is a special feature not already available in the standard software we might be able to program and implement it. Please mind that for customisation additional costs and lead times need to be considered.

INTERPRETATION EQUIPMENT

ISO 20109 COMPLIANT INTERPRETATION CONSOLE
Provides an efficient control layout with large color information screen, 8 relay channels, a choice of microphone and headset connections, and the ability to save and recall personal settings.

IH6500 INTERPRETER HEADSET
Dual-sided headset with reversible boom microphone and removable earpads. Included adapter cables permit use with different interpreter units.

RA 6013 / RA 6025 DIGITAL RADIATOR
The radiator has to be connected to the transmitter DT 60xx or looped through another radiator and converts digital data into a wireless infrared (IR) signal. The IR diodes on the front side of the device transmit/radiates the signal to the digital receivers DR 60xx. Depending on room size and surface materials, number of languages and positioning of the radiator there is the choice between a device with 13 watt or 25 watt power.

LS 6132 LOUDSPEAKER
Sometimes simultaneous interpreters or press delegates prefer to hear the floor sound through a separate loudspeaker. For these cases a LS 6132 can be connected straight to the DCS-LAN Network. The volume level is adjustable.

DR 6004 / DR 6008 / DR 6032 DIGITAL INFRARED RECEIVER
The Digital Infrared Receivers are for use in wireless simultaneous interpretation systems in conference centres, conference theatres, hotels etc. Via invisible digital infrared light up to 32 channels can be received in superb audio quality.

The ergonomically designed receivers use the latest electronics technology – including a specially designed IC to ensure maximum performance and a long battery life-time.

DT 6008 / DT 6032 DIGITAL INFRARED TRANSMITTER
The DT 6008 or DT 6032 Digital Transmitter is the central modulator unit which receives audio from the interpreter and transmits it for wireless digital language distribution.

The DT 60xx Digital Transmitter accepts audio from the AO 6004 or AO 6008 Audio Output Units or from CU 6105 or CU 6110 directly. Other audio sources can be connected. The transmitter modulates these signals onto carrier waves. The digital carrier waves are transmitted directly to the RA 60xx Digital Radiators located in the room – for wireless distribution to the DR 60xx Digital Receivers.

HEADSETS / HEADPHONES

DH 6001H HEADPHONE
Mono headphones for interpreter set.

DH 6021 HEADPHONE
Stereo headphones for delegate and chairman unit.

DH 6223 STETHOSCOPIC HEADPHONE
Stetoscopic headphones for delegate or chairman unit (stereo).

DH 6225 EARCLIP HEADPHONE
Earclip for delegate or chairman unit.

The Shure SW6000 includes all basic functionalities which are required for a typical meeting.

SW6000
CONFERENCE MANAGEMENT SOFTWARE

MEETING AND AGENDA MANAGEMENT

MEETING CREATION

Create meetings including setting of meeting modes and meeting options

MULTIPLE MEETING MODES

Configure seat assignments, ID cards or PIN codes, participant lists, etc.

AGENDA HANDLING

Create multi-level agenda to be displayed at meeting

REPORTS

Print out meeting details in a choice of report formats

SPEAKING MANAGEMENT

MICROPHONE CONTROL

Control conference microphones from a PC used by a chairman, administrator, or technician

MIMIC/ SYNOPTIC

Control microphones and display voting results on a room layout diagram on a PC

BASIC SPEECH TIME CONTROL

Control speech time for individual participants

NAME HANDLING

Assign microphones to participants by name

PARTICIPANTS INFORMATION AND ROLES

PARTICIPANTS TABLE

Create a table with a user profile for each participant

MEETING ROLES

Assign roles, permissions, or privileges to different participants or types of participants

LANGUAGE SUPPORT

Enter data and labels in multiple languages that appear in CUA on participants' PCs

CHIP CARD LOGIN

Enable meeting participants to log in by inserting an ID card into the conference unit

MESSAGING

Send messages between PCs used by chairman, participants, technicians, or interpreters

CONTROLS AND INTERFACES

INTERPRETATION CONTROL

Allows technician to set-up interpretation parameters and monitor interpreter booths during meetings

MULTIPLE ROOM CONTROL

Allows technician to set up and supervise meetings in multiple rooms from one PC

IMPORT/EXPORT FACILITIES

Import/export of participant data and agenda

RS232 APPLICATION

Connect Central Control Unit to third-party room control systems via RS232

UNIT SET-UP

Connect to Central Control Unit and configure conference units

APPLICATIONS USED BY THE ADMIN, CHAIR OR DELEGATES

CAA

Set up conferences, enter delegate and agenda information, and configure components before the event

CUA

Used by chairman or delegates to control microphones, view agenda, vote, etc. on PC instead of conference unit

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SW6000 Software
CONFERENCE MANAGEMENT

The SW6000 software suite unlocks the full power of the MXC Microflex Complete and DCS6000 Digital Conference Systems. It provides the structure that allows large meetings with hundreds of participants to be as effortless and efficient as small gatherings. With SW6000, you can recognize the unique roles and privileges of different participants, create an agenda that keeps your meeting on track, take votes electronically, and document the outcome with a searchable electronic archive.

OPTIONAL APPLICATIONS

Additional CAA or CUA applications are only needed if more than one CUA or CAA application shall run simultaneously on the system.

SW6000-CDA
CONFERENCE DISPLAY APPLICATION

Used to present information created in a meeting on large displays or large screen projectors.

Up to 16 CDA applications can run simultaneously

SW6000-CAA
CONFERENCE ADMINISTRATOR APPLICATION

Used to set-up the system, including configuring seats, equipment, mimic, participants list, meeting, voting parameters, etc.

Up to 16 CAA applications can run simultaneously

SW6000-CUA
CONFERENCE USER APPLICATION

The main user interface on a PC used during meetings.

Up to 200 CUA applications can run simultaneously with separate participant login.

OPTIONAL MODULES

SW6000-ADV
ADVANCED MEETING MANAGEMENT

Used where more advanced controls are needed including:
– Advanced Microphone Control
– Advanced Agenda Control including the ability to attach participants to subjects in the agenda and to use a web browser in the CUA
– Advanced speech control including meeting role dependent timers, manual speech times, group speech time and combined speech time

SW6000-ADV-50
ADVANCED MEETING MANAGEMENT

Same functionality as SW6000-ADV but for a maximum of 50 seats

SW6000-ESI
EXTERNAL SYSTEM INTERFACE

Provides an interface to third party systems for:
– Control of streaming applications
– Web service interface
– Advanced import / export of meetings

SW6000-VOTE
SOFTWARE ENABLED VOTING

Enables the voting features in SW6000:
– Control and configuration of voting sessions
– Extensive voting control management
– Unlimited number of voting configurations
– Advanced options for calculation of results or passed / quorum options
– Casting vote from a conference unit or from the CUA
– Option for manual insertion of total voting results
– Attendance & registration check options
– Option for controlling visibility of the voting result for participants
– Proxy voting option
– Voting weight option

DIS DCS 6000 Digital Conference System Specifications (Note: All specifications are subject to change.)

Electrical — DIS-CCU

Power consumption	Max. 150 W / 48 V
Supply voltage for units	122 W / 48 V
Audio quality sampling	24 bit audio, 32 kHz
Frequency response	65 Hz – 16 kHz
THD	< 0.1 %
Signal-to-noise ratio	> 85 dBA

Audio inputs

Analogue audio in 1	3-pin female XLR sockets (electronically balanced)
Analogue audio in 2 *(Audio in or Emergency input - EEM)*	3-pin female XLR sockets (electronically balanced)

Audio outputs

Analogue audio out *(A, B, C and D)*	8 x 3-pin male XLR sockets (electronically balanced)
Maximum load	> 1 kΩ

Interconnections

DCS-LAN	4 x RJ45 female sockets
EEM	One contact closure input

System Performance *(feature license dependant)*

Max. number of conference units *(excl. CS)*	3.800
Max. number of IS *(Interpreter Units)*	200
Max. number of AO *(Audio Output Units)*	20
Max. number of CS *(Channel Selector Units)*	Unlimited
Max. number of languages	31
Max. number of open "floor" microphones	8

Mechanical

Mounting	Tabletop or mounted in a 19'' one unit rack
Colour	Black
Dimensions without feet *(H x W x D)*	44.4 x 426 x 186 mm
Weight	2.800 g
Storage temperature	-20° to 60° C, 10-80% humidity
Optimal operating temperature	5° to 40° C, 35-80% humidity

PS CU External Power Supply

Main voltage	100 – 240 V, 50 – 60 Hz
Max. consumption	175 W
Total supply power	144 W
Standby consumption	< 0.5 W
Supply voltage for DIS-CCU	48V/3A

Included Accessories

	PS CU External Power Supply
	Power able (EU connector), *1 piece*
	19'' brackets, *1 set*
	Tool for fixing GM to XLR

Certifications
The DCS 6000 system conforms to standard IEC 60914.

Specifications of conference units can be found in the individual datasheets of each product. Please contact us.