VERSATILE, UPGRADEABLE, SCALABLE.
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 goose-neck 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

**DIS IS ALL ABOUT CONFERENCING.**

**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
- **RP 6004** Repeater for onboarding 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 system’s 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 AG. The audio properties can also be controlled by a PC with SW 6000 software.

**JB 6104** Junction Box for connecting one conference unit to each of the 4 output connectors
- **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.
- **HM 4042** Handheld microphone to use in combination with microphone unit MI 6040.
- **BM 6022** Boundary microphone for flush-mount units.
**FLUSH-MOUNTED CONFERENCE UNITS**

- **DM 6680 F** Delegate version
- **CM 6680 F** Chairman version
- **DV 6501 F** Conference unit
  - Flush-mounted delegate conference unit. The unit features speak/function buttons, a XLR gooseneck microphone connector, loudspeaker, 5 voting buttons and a chip card reader.
- **CM / DM 6XXX F** Customized delegate/chairman units
  - Flush-mounted conference unit in chairman or delegate version. Each unit feature speak/function buttons, a XLR gooseneck microphone connector, loudspeaker, 5 voting buttons and a chip card reader.

**INTERPRETATION CONSOLE**

**ISO 20109 COMPLIANT**

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

**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**

**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.

**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 transmitted directly to the RA 60xx Digital Radiator.

**HEADSETS / HEADPHONES**

- **DH 6012 HEADPHONE** Mono headphones for interpreter set.
- **DH 6223 STETHOSCOPIC HEADPHONE** Stetoscopic headphones for delegate or chairman unit.
- **DH 6225 EARCLIP HEADPHONE** Earclip for delegate or chairman unit.

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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
- **Nama 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 the CUA and CDA

**Controls and Interfaces**
- **Interpretation Control**
  - Allows technician to set up and supervise meetings in multiple rooms from one PC
- **Multiple Room Control**
  - Allows technician to control microphones, view agendas, votes, etc. on PC instead of conference unit
- **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 Setup**
  - 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 delegate to control microphones, view agenda, vote, etc., on PC instead of conference unit

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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.

**Optional Modules**

**SW6000-CDA**
- **Conference Display Application**
  - Used to present information, created in a meeting or large displays or large screen projectors.
  - Provides an interface to third parties to set up the system, including configuring seats, equipment, mimic, participants list, meeting, voting parameters, etc.
  - Enables technician to control streaming applications
  - Same functionality as SW6000-CDA but for a maximum of 50 seats

**SW6000-CAA**
- **Conference Administrator Application**
  - Used to set up the system, including configuring seats, equipment, mimic, participants list, meeting, voting parameters, etc.
  - Enables remote control of streaming applications
  - The main user interface on a PC used during meetings.
  - The user interface for the system is displayed and controlled from a PC.

**SW6000-CUA**
- **Conference User Application**
  - Same functionality as SW6000-CDA
  - Enables technician to control streaming applications
  - Enables voting from a conference unit or from the CUA
  - Enables the voting features in SW6000
  - Enables voting from a conference unit or from the CUA
  - Enables the voting features in SW6000
  - Enables voting from a conference unit or from the CUA
  - Enables voting from a conference unit or from the CUA

**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**
  - 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-ESI**
- **External System Interface**
  - Provides an interface to third party systems for:
    - Control of third party applications
    - Control of streaming applications
    - Web service interface
    - Advanced import / export of meetings
    - Control and configuration of voting sessions
    - Extended voting control management
    - Unlimited number of voting configurations
    - Additional options for calculation of results or passed / quorum options
    - 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.)

<table>
<thead>
<tr>
<th><strong>Electrical</strong></th>
<th><strong>DIS-CCU</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power consumption</strong></td>
<td>Max. 150 W / 48 V</td>
</tr>
<tr>
<td><strong>Supply voltage for units</strong></td>
<td>122 W / 48 V</td>
</tr>
<tr>
<td><strong>Audio quality sampling</strong></td>
<td>24 bit audio, 32 kHz</td>
</tr>
<tr>
<td><strong>Frequency response</strong></td>
<td>65 Hz – 16 kHz</td>
</tr>
<tr>
<td><strong>THD</strong></td>
<td>&lt; 0.1 %</td>
</tr>
<tr>
<td><strong>Signal-to-noise ratio</strong></td>
<td>&gt; 85 dBA</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Audio inputs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Analogue audio in 1</td>
</tr>
<tr>
<td>Analogue audio in 2 (Audio in or Emergency input - EEM)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Audio outputs</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Analogue audio out (A, B, C and D)</td>
</tr>
<tr>
<td><strong>Maximum load</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Interconnections</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>DCS-LAN</td>
</tr>
<tr>
<td>EEM</td>
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</table>

<table>
<thead>
<tr>
<th><strong>System Performance</strong> (feature license dependant)</th>
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</thead>
<tbody>
<tr>
<td>Max. number of conference units (excl. CS)</td>
</tr>
<tr>
<td>Max. number of IS (Interpreter Units)</td>
</tr>
<tr>
<td>Max. number of AO (Audio Output Units)</td>
</tr>
<tr>
<td>Max. number of CS (Channel Selector Units)</td>
</tr>
<tr>
<td>Max. number of languages</td>
</tr>
<tr>
<td>Max. number of open “floor” microphones</td>
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<table>
<thead>
<tr>
<th><strong>Mechanical</strong></th>
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<tbody>
<tr>
<td><strong>Mounting</strong></td>
</tr>
<tr>
<td><strong>Colour</strong></td>
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<tr>
<td><strong>Dimensions without feet (H x W x D)</strong></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
</tr>
<tr>
<td><strong>Storage temperature</strong></td>
</tr>
<tr>
<td><strong>Optimal operating temperature</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PS CU External Power Supply</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Main voltage</strong></td>
</tr>
<tr>
<td><strong>Max. consumption</strong></td>
</tr>
<tr>
<td><strong>Total supply power</strong></td>
</tr>
<tr>
<td><strong>Standby consumption</strong></td>
</tr>
<tr>
<td><strong>Supply voltage for DIS-CCU</strong></td>
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<table>
<thead>
<tr>
<th><strong>Included Accessories</strong></th>
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<tbody>
<tr>
<td>PS CU External Power Supply</td>
</tr>
<tr>
<td>Power able (EU connector), 1 piece</td>
</tr>
<tr>
<td>19” brackets, 1 set</td>
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<tr>
<td>Tool for fixing GM to XLR</td>
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<tr>
<th><strong>Certifications</strong></th>
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<tbody>
<tr>
<td>The DCS 6000 system conforms to standard IEC 60914.</td>
</tr>
<tr>
<td>Specifications of conference units can be found in the individual datasheets of each product. Please contact us.</td>
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</tbody>
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