

MCS 50

Digitally Controlled
Wired Conference System

MCS 50



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System Components

The Microphone Units

These are the communication tools of all participants when talking or registering a request-to-talk. The premium, carefully-designed housing guarantees sturdiness and noise-free transmission, whilst the flexible gooseneck allows for perfect microphone positioning. The illuminated ring below the microphone and an LED in the housing indicate the ready-to-talk condition.

The Function

By pressing the microphone button the participant can switch on their microphone unit or register it in the system. When the microphone unit is activated the green LED and the illuminated ring around the gooseneck indicate, the ready-to-talk status. If the participant is registered in the system, the LED on the microphone unit housing is illuminated red and indicates the request-to-talk condition.

When permitted by the chairman, the ready-to-talk status of the microphone is indicated by a change of colours of the housing LED from red to green and the illumination of the red gooseneck ring.

The chairman microphone units are equipped with three buttons unlike the delegate microphone units.

Apart from the microphone button they have a clear and a priority button. With the clear button all active microphone units can be switched off. With the priority button the chairman can join the discussion at any time; depending on the configuration, all active delegate units are temporarily muted or switched off completely.

Moreover, each delegate microphone unit can be re-programmed internally to become a single button chairman microphone unit.

The Control Unit

The MCS control unit is the heart of the system. It can control up to 32 or 64 microphone units (depending on the version) in different operating modes. Control via the participant-autonomy mode, override mode or request-to-talk mode with PC or media control system.

The configuration of the entire system can be conducted easily via two multifunction buttons or via PC with the MCS-Editor configuration software. For maximum flexibility, it is possible to integrate external systems like a mixer or audio recorders. It is also possible to connect the Conference & Recording Software steno-s™.

The Operation

Abiding by the motto: „Place it – Activate it – Talk“ the MCS system, after the initial configuration process, works without the need for any service staff. As an option MCS can be controlled and monitored via PC or touchscreen with the easy-to-operate „MCS Controller Software“ running under Windows®, or with a media control unit. The Designer program which is integrated into the MCS-Controller software makes it possible to create an individual arrangement of microphone units, so each microphone unit can be remotely enabled and assigned.



MCS 523 / 513

Chairman microphone unit with / without loudspeaker.

Gooseneck microphone with illuminated ring. 3 microphone buttons with LED, clear and priority button. Fixed connecting cable of 3 m length. Documentation output for the connection of recorders etc.



MCS 521 / 511

Delegate microphone unit with / without loudspeaker.

Gooseneck microphone with illuminated ring. Microphone button with LED to indicate request-to-talk or on/off status. Fixed connecting cable of 3 m length. documentation output for the connection of recorders etc.



MCS 50

Discussion control unit for up to 32 (64) microphone units. The microphone units are connected according to the single cable principle, i.e. the first microphone unit is connected to the discussion control unit, the second microphone unit is connected to the first one and so on. Can be combined in order to expand to 64 microphone units with the corresponding Discussion control unit. The system configuration is carried out with either the multifunction buttons or with the MCS-Editor software via PC.

On request we can also supply microphone units from the MCS 100 series. If you have any queries, please do not hesitate to contact us!

MCS 50

Digitally Controlled Wired Conference System

At A Glance

- unique beyerdynamic microphone quality
- microphone units with or without loudspeaker
- enhanced reliability due to digital control
- simple cable management – fixed or mobile cables
- bus plug system, perfect for quick assembly and disassembly
- self-explanatory and comfortable operation of up to 64 microphone units per control unit
- compatibility with PC and media control units via touchpanel
- harddisk-recording with connection of the unique steno-s™ Conference & Recording-Software
- stylish desk-mounted or built-in variants in a multitude of colours
- high-quality Nextel®-Finish
- high-quality, stable housing
- freely adjustable gooseneck with ready-to-talk indicator as microphone support
- individual user interface via the control software
- future-proof operation due to RS 232 interface
- can be integrated with existing media devices
- **exceptional price-performance ratio**

These are the outstanding characteristics of MCS 50.

For efficient organization of conferences and discussion.

Conveying information via verbal communication is the point of all congresses, seminars or conferences.

This is only possible if you can make yourself heard. For more than eighty

years now, beyerdynamic has made this the key premise of its business. Uttermost precision in fabrication and a rigid quality control guarantees the reliability and longevity of our products.

We permanently monitor and improve each step from development to manufacture.

The desire to excel is what urges us on every day.

Our challenge is the continued world-wide use of our products.

MCS 50 is a result of all this.

The Design...

Good Things Are Simple...

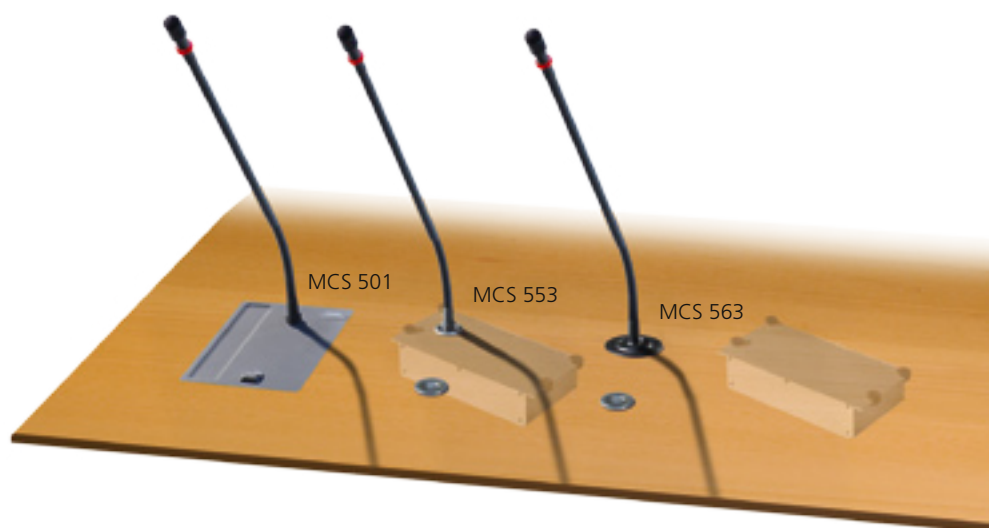
A prerequisite for a fruitful discussion is the simple and faultless usability of a conference system, this is clear. Just as clear is the timeless design of MCS 50.

Its layout inspires, with a glare-free Nextel®- surface finish offered in a multitude of colours. The housing construction ensures solid performance, with fantastic interference shielding.

The graceful gooseneck design is unobtrusive, allowing the perfect speaking angle for maximum flexibility, with an illuminated indicator ring to show current talk status. Incorrect operation is prevented by simple single or three button control. Whether as a desk-mounted or built-in variant, the MCS system fits seamlessly into each conference room or chamber.



System Components for Permanent Installation



... But Not Always Visible

Of course there is no reason for MCS to hide, but it should blend in with the singularity of the architecture. Therefore the chairman and the delegate microphone units of the MCS 50 system are available in a wide range of designs, with or without loudspeakers as well as fixed on- or under-table constructions.

The product line comprises the microphone unit MCS 501 for permanent installation and the system unit MCS 553 for under-table installation. The gooseneck microphone is connected to the unit through the tabletop. This product family rounds off the system unit MCS 563, designed to be used for remote installation.

The microphone, either with a detachable gooseneck or as a built-in interfacial microphone, is of course acoustically decoupled from the tabletop with elastic bearing rings.

The microphone button with dual-mode illuminated ring is remotely installed and can be positioned to the customer's wishes together with an optional remote loudspeaker for audio reinforcement.

By doing this, individual interior design meets the latest in media technology with style and grace.

For a complete list of all components with dimensions and technical data please refer to the beyerdynamic Conference & Presentation product catalogue.





„MCS-Controller“ software running on a built-in PC touchpanel



Today's Media & Conference Technology For Tomorrow's Communication

In today's complex communication markets, the MCS 50 system gives you the confidence to be prepared for any situation, regardless of whether the conference system is supposed to be PC controlled or if it is integrated into a complex system with a wireless touch panel and digital audio networks. By working with a digital audio network, you enter the sphere of video- and web-based conferencing and all its related advantages.

There is a wide range of possibilities; the individual requirements decide. By choosing the MCS 50 system there is the certainty that you have invested in the future of professional media and conference technology.

Thanks to the universal RS 232 interface of the MCS 50 control unit you have connectivity designed for the future. The 19" rack construc-

tion of the control unit also allows it to be situated into virtually any technical rack cabinet that is to be used. The compatibility of control units makes sure that the system will be able to grow in accordance with your requirements.

Several beyerdynamic software components, such as the „MCS Controller“, the „MCS Editor“ or the innovative Conference & Recording Software „steno-s™“ do not only expand the spectrum of the MCS 50 system, they will also sustain the value of your system on a long-term basis.

beyerdynamic – powered for tomorrow's conference!

Transport & Storage Solutions



Example for single-cable wiring



MCS 10

References

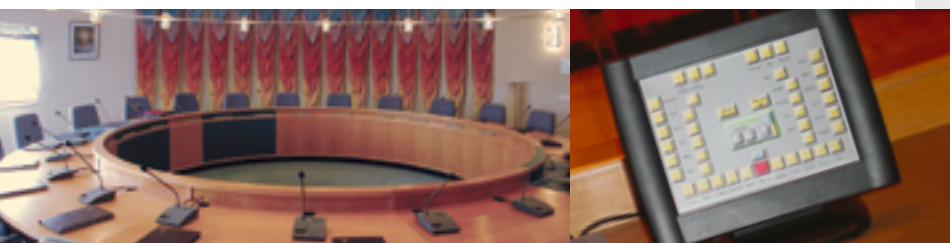
MCS-Digital systems are used world-wide (summary)

Germany:

ANLO
Ariola
Administration of Bayerische Versorgungskammer
Berlin Studios of ARD (Public Broadcast)
Chamber of Crafts, Bayreuth
City Hall Mainz
Dyckherhoff Cement Works
European Central Bank
Federal Ministry for Internal Affairs
Parliament of Baden-Wuerttemberg
Public Transport, Leipzig
Seat of the Medical Association of Hesse
Seat of the parliamentary party of CDU
Studios of Public Broadcast in the New Laender
Trade Fair, Essen
Ruhrgas AG (energy supply)
Heidenheim Municipality
Marburg University
US Army Airfield InSt 1042
US Army Headquarter

International:

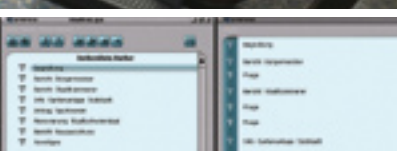
Central Quebec School Board - Canada
Transcontinental Printing - Canada
Town Hall Canmore - Canada
Central Commission for Inspecting Discipline - China
Galaxy Securities Exchange - China
Civil Administration Bureau - China
County Court Kolding - Denmark
County Court Jutland - Denmark
Danish Emergency Management Agency - Denmark
ALCATEL Lannan - France
Bouygues Telecom Boulogne - France
France Credit Mutuelle de Bretagne - France
Bank of Scotland
Leicester University - Great Britain
Fire Brigade Union - Great Britain
Institute of Chartered Accountants - Great Britain
Reserve Bank Of India
National Institute of Disaster Management - India
Ministry Of Home Affairs- Government Of India
Ground Forces of Guard Corps - Iran
Ministry of Interiors - Iran
Behran Oil Company - Iran
State Chancellery of the Republic of Latvia
City Council Liepaja - Latvia
Town Hall Rotterdam - Netherlands
Town Hall Leerwarden - Netherlands
De Lotto - Netherlands
National Depository for Securities - Poland
Stock Exchange - Poland
Departamento de Interior – Generalitat de Catalunya - Spain
Ministry of the Interior - Spain
Palacio de Congresos - Spain
Bern University - Switzerland
New Apostolical Church International - Switzerland
City Council Anaheim - USA
Board of Education N. Y. - USA
City Council Orlando - USA



steno-s Software – Rapid, Easy Navigation Through Your Records Prepare – Discuss – Journalize – Burn – Print & File

Where you used to note down with pen and paper the most important facts of your meeting for the records and a tape was recording in the background, you now have the all-in-one solution: steno-s™

With steno-s™ you can systematically access certain items after the meeting and there is the possibility to comment on these via text input.



- harddisk recording of meetings
- markers will highlight comments in the records
- self-explanatory operation
- prepared agenda bears steno-s™ markers
- compatible to Microsoft Word®
- configuration of editable selectors during the recording
- markers can be directly addressed
- convenient pedal switch as an option
- paperless filing of sound data on CD
- any desired file from a meeting can be attached
- complete archive data backup

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