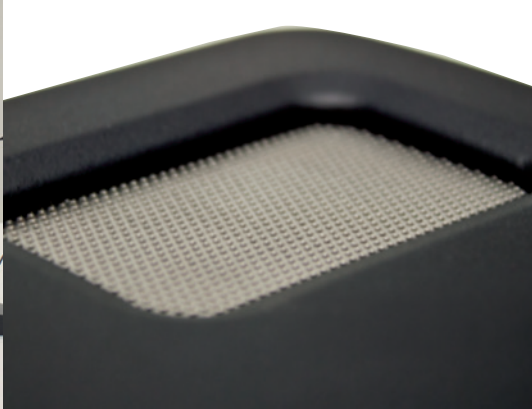
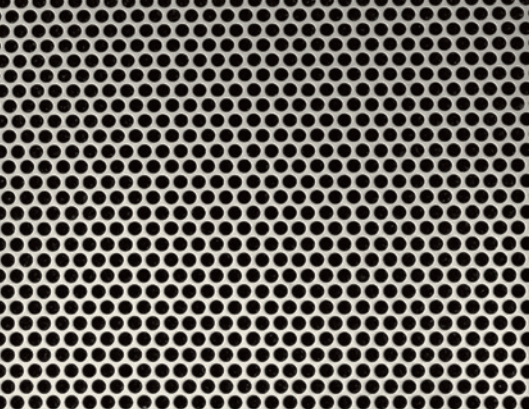
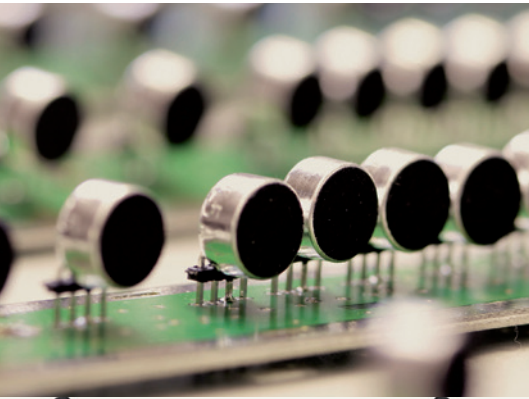


QUINTA WIRELESS CONFERENCING

CONFERENCE
TECHNOLOGY

MADE IN GERMANY





Flexible, mobile, safe – Quinta, the wireless conference system.

The latest generation of wireless
beyerdynamic conference systems.



1998

2001

2002

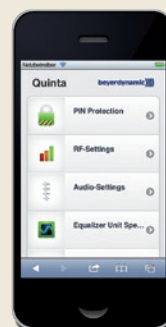
2005



For productive meetings, even in larger groups, conference systems are essential, as they provide maximum speech intelligibility and a structured dialogue.

The development of the wireless conference system of the 5th generation has been largely influenced by the experience of the beyerdynamic engineers, which was gained from being involved in projects with more than 80,000 wireless microphone units worldwide. The focus of the product development was and always is on the highest degree of flexibility, sound quality and reliability. Quinta is a trend-setting system, which considers new trends and standardised specifications and ensures a future-oriented investment in this way. Benefit from audio quality “Made in Germany” and experience a conference system that meets your requirements.

CONTROL UNIT SAFE, FLEXIBLE



More opportunities for conferences.

The control unit of the Quinta system meets all your requirements regarding operational safety, reliability or transmission security. The system already meets the latest regulations of the European Telecommunications Standards Institute (ETSI) and can be integrated into existing or new building computer networks that comply the IEEE 802.1 IT standard (AVB). The numerous functions with which you can control your meeting include the simple operation and configuration via Smartphone or tablet PC.

Advantages that speak for themselves.

The main features of the Quinta control unit.

3

Triple band

For a safe wireless transmission there are three frequency bands (2.4 / 5.2 / 5.8 GHz) available. The switching of the channels is either automatically or, if you want, manually. In any case, frequency changes are completely silent during operation. In this way the wireless Quinta conference system ensures maximum operational reliability and optimal transmission quality.

HD

HQ

Maximum audio quality and transmission security

The system operates with highest HD audio quality (48 kHz sampling rate). HQ (High Quality of Service) ensures highest wireless transmission, even in rooms with radio reflections due to materials such as metal or metal-covered surfaces.

AVB

Audio / Video Bridging

With the AVB interface you can easily integrate Quinta into your building network according to the IEEE 802.1 network standard. With this future proof technology you can embed Quinta into your IT concept and integrate it into the sound reinforcement network, video conferencing or room-to-room transmission.



128

128-bit encryption

The protection against unauthorised listening of your conference system is guaranteed by using 128-bit encryption and a 24-bit PIN code. If there are any microphone units without this authorisation, they remain silent.



Smartphone control

The integrated Web server allows configuring the control unit of the Quinta conference system with a Smartphone, tablet PC or PC via USB, LAN or WLAN – easily and simply via the web browser app.



Interfaces

The system can be connected to your media control system by using the RS 232 interface. This allows a particularly convenient operation and provides different status indicators e.g. the battery status.



Reliable antenna positioning

In diversity operation the two transmitting/receiving antennae guarantee the best possible radio reception. Mobile or permanently installed - the extensive range of antennae allows you to adapt to all room shapes and arrangements.



Zoning

Especially for discussions in a larger group a direction-related sound makes sense. On one hand it reduces feedback and on the other hand it ensures a better comprehensibility and less tiring listening.



Video Conferencing

The Quinta system can easily be integrated into tele and video conferences. Via the mix-minus function of the internal audio signal processing the echo cancelling of the video conference can operate more effectively and improve the intelligibility.

MICROPHONE UNITS

DESIGN MEETS FUNCTION



reddot design award
honourable mention 2012

Practical functionality in three variants.

Whether you select the chairman, delegate or double delegate microphone unit, the wireless Quinta conference system always offers maximum reliability, security and functionality. The use of fine material emphasises the high-quality appearance and the demand for design. The feel of Alexit comfort paint from automotive industry in combination with brushed stainless steel will meet your requirements. With some features such as Braille and a headphone connection for hearing assistance we adhere to the UN Convention on equal rights for disabled people.

Advantages, which are worthwhile for your conferences. The functions of the Quinta microphone units at a glance.



Removable gooseneck microphones with Scudio technology

The gooseneck microphones for the Quinta microphone units are available in four different lengths. Due to the robust XLR connector, they can quickly and easily be replaced in case of service or if another gooseneck microphone in a different length is requested. The Scudio technology reliably protects against interferences caused by mobile phones.



Custom panels

On request, the control panel of the backlit soft-touch keys can be labelled individually. The function key can be configured by software, e.g. to give the chairman priority to speak or to play an interval signal.



Double delegate microphone unit

When two participants share one double delegate microphone unit during the meeting the operating software can recognise who has entered a request-to-speak.



Surface

The microphone units are finished with a new paint from the automotive industry which is most robust and scratch-resistant as well as insensitive to fingerprints and disturbing reflections.



Braille

It was our concern to provide the control panel of brushed stainless steel with braille. This means accessibility and equality for all participants of your meeting.



Headphone jack

The headphone jack of the microphone unit allows the output of the original language for hearing assistance or another audio channel, e.g. a foreign language.



NiMH rechargeable batteries

The rechargeable batteries of the microphone unit are standard NiMH batteries which will be available for a long period of time and which can easily be replaced if necessary. The operating time is minimum 20 hours and recharging takes only 2.5 hours.



Value

The high-quality and solid housing of the Quinta microphone units ensure stability and an optimal sound insulation. Vibrations and noise transmissions from the table are effectively reduced.



Voice Activation

The microphone can be turned on by either using the microphone button or automatically via voice activation when the participant starts to speak.

MICROPHONE UNITS WITH VOTING FUNCTION



Because every vote counts.

Quinta makes voting easier and thereby automatically increases the efficiency of your meetings. Thanks to its various voting options, displays and archive functions, the Quinta conference system makes it easier for you to carry out voting and provides clear visualisation of the results. Both delegate and chairman microphone units are available when using Quinta voting functions. In addition to voting, the standard functions of the Quinta system can also be used as usual. We also accept no compromises when it comes to accessibility: inlay panels with Braille writing are available as an optional accessory.

Effective voting in your meetings.

The possibilities of Quinta with voting function at a glance.



Voting options

A highly diverse array of options, such as parliamentary voting, multiple-choice questions or opinion surveys, can all be handled by Quinta. Using the three buttons marked “yes”, “no” and “abstain”, participants are able to make their vote.



Software

Software is available for use when voting with the Quinta system, providing numerous possible setting options, while also offering a clear overview and simple handling.



Archive function

All votes carried out with the Quinta voting software are automatically digitally archived and can be accessed again at a later date.



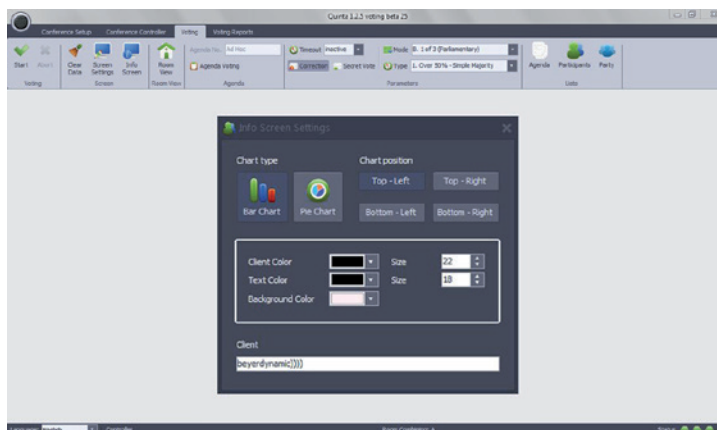
Export option

The results of votes can be simply exported as XLS or PDF files or printed, either for the participants or for documentation and archiving purposes.



Accessibility

In order to ensure accessibility in meetings with votings, beyerdynamic offers inlay panels with Braille lettering as an optional accessory.



Quinta Software

REVOLUTO ALLOWS FREEDOM OF MOVEMENT



More room for content thanks to Revoluto microphone units.

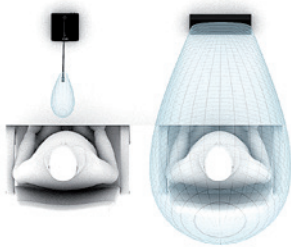
Revoluto microphone units give you maximum freedom of movement and functionality as well as excellent sound quality. No microphone stem is required so you have an unrestricted view of your dialogue partners. Light strips on the side of the casing indicate the ready-to-talk status of the microphone units. The control panels are back-lit with three colours and have Braille writing.

Advantages that pay off.

Revoluto microphone units offer optimum speech intelligibility and maximum freedom of movement.



The Revoluto principle is based on a patented microphone array technology, whereby microphone capsules are arranged in series. This creates a corridor characteristic, which results in a much larger voice range than the standard cardioid polar pattern of gooseneck microphones.



Thanks to the **Revoluto technology**, the microphone units of the Quinta conference system offer an exceptionally large voice range, whilst maintaining high sound quality.

Great freedom of movement – the same volume and sound quality whether sitting or standing.

No fading in and out when you move your head to the left or right.

The speaker can be close to the microphone or leaning back.



High-quality surface and Braille

The microphone units are also coated with premium, non-glare Alexit paint. There are back-lit membrane switches with Braille writing on the front of the unit.



Value

The high-quality and solid housing of the Quinta microphone units ensure stability and an optimal sound insulation. Vibrations and noise transmissions from the table are effectively reduced.



RFI proof

The microphone is equipped with Scudio technology making it RFI proof so that no mobile phone interference will occur.



Headphone jack

The headphone jack of the microphone unit allows the output of the original language for hearing assistance or another audio channel, e.g. a foreign language.



NiMH rechargeable batteries

The rechargeable batteries of the microphone unit are standard NiMH batteries which will be available for a long period of time and which can easily be replaced if necessary. The operating time is minimum 20 hours and recharging takes only 2.5 hours



Voice Activation

The microphone can be turned on by either using the microphone button or automatically via voice activation when the participant starts to speak.

REVOLUTO GOES VERTICAL



reddot award 2015
winner

Microphone for freedom of movement.

Due to the Revoluto technology the vertical microphone array Classis RM 31 Q provides a very large voice range and high quality sound.

Conference microphone with Revoluto Technology.

The microphone can be connected to Orbis microphone units like a gooseneck microphone. The vertical microphone array results in a horizontal corridor characteristic (horizontal cardioid, vertical lobe). This allows the conference participant maximum freedom of movement at a consistent intelligibility of speech. It is possible for two people to share one microphone unit. The vertical lobe polar pattern also optimises the gain before feedback in ceiling installations.



Revoluto Technology



The Revoluto principle is based on the patented microphone array technology, where microphone capsules are arranged in a row. Compared to gooseneck microphones this creates a much greater voice range. As a result, the speaker must comply with neither the pick up pattern nor

the usual small speaking distance. The speaker can be close to the microphone or further away. Due to the array technology sound fluctuations are minimised by different speech distance.

The vertical arrangement of the array allows maximum freedom of movement to the right and left without volume waste. The attenuation up and down limits the recording of signals and noises from the ceiling and table.

Due to the large voice range two people can share one microphone. The microphone can also be used for video conferencing with several people. Due to the lateral placement of the microphone the workplace is free for laptops.



Reclinable microphone

The microphone can be reclined backwards to adapt the reclination and thus the alignment of the polar pattern to the situation and size of the speaker.



Gain before feedback

The vertical microphone arrays enables a high gain before feedback in ceiling installations.



RFI proof

The microphone is equipped with Scudio technology making it RFI proof so that no mobile phone interference will occur.



Made in Germany

Highest audio and product quality "Made in Germany". The Revoluto technology was developed in Germany, the production is also in Germany.

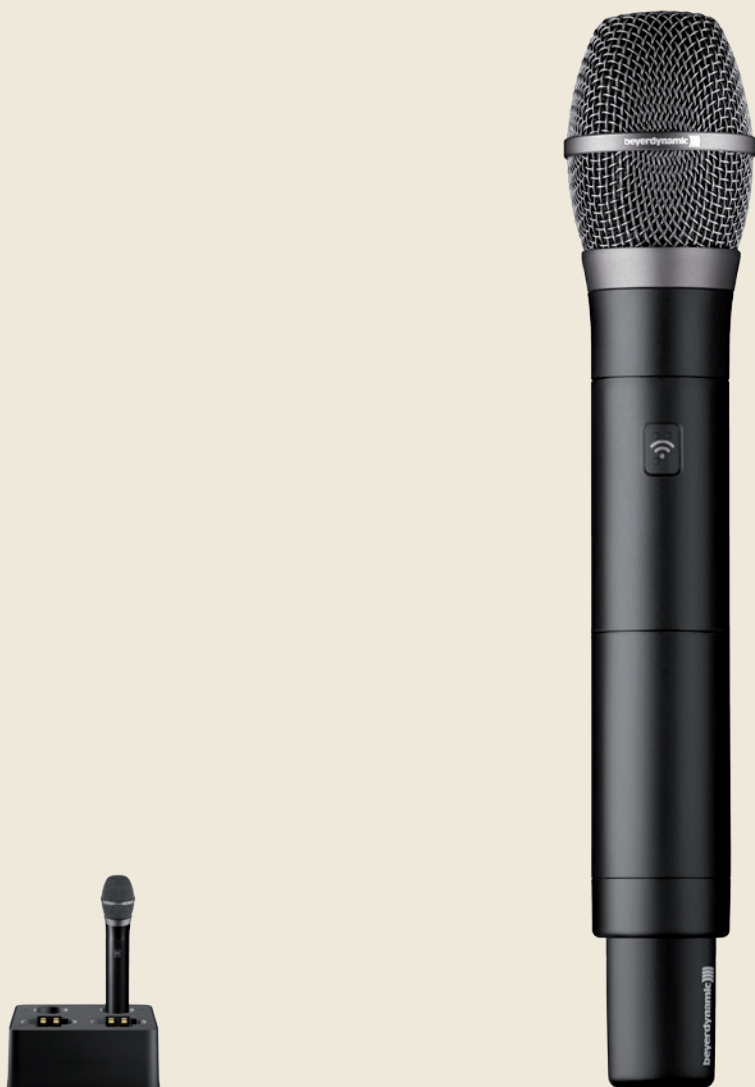


LED ring

The microphone has an LED ring indicating the ready to speak status by a red illumination.

HANDHELD TRANSMITTER

FLEXIBLE, FUNCTIONAL



Diverse uses.

Quinta is more than a conference system – the Quinta handheld transmitter, which can be connected for conference use like a typical delegate microphone unit and offers the same functionality, can be used in various situations, such as during panel discussions, whispered interpreting, or as an audience microphone, without compromising on order during discussion or the need for additional devices. Using the charging device with network connection available as an accessory, the handheld transmitter can be recharged in no time at all. A media control unit can be used to check the battery level or to see if a device is being charged.

Impressive in the widest variety of uses.

Flexible and functional, the characteristics of the Quinta handheld transmitter at a glance.



Handheld transmitter

The Quinta handheld transmitter is very flexible and can be used for the widest variety of applications. It offers the same functions as a delegate microphone unit. The handheld transmitter offers at least 10 hours of constant use.



Button

The handheld transmitter comes with a button that the speaker can use to activate the microphone and can control various operating modes.



Charging

The Quinta handheld transmitter uses standard NiMH batteries. An intelligent charging device with network connectivity is available as an accessory, designed for two handheld transmitters as well as providing two charging compartments that can charge two standard AA batteries each.



Braille

The easy-to-feel microphone button on the handheld transmitter is made of silicone, provides tactile feedback and has Braille writing.



Interchangeable microphone capsules

For each application we provide the ideal solution: different interchangeable Touring Gear capsules are available.



Panel discussions and press conferences



Whispered interpreting



Audience microphone



TG V50w

The TG V50w capsule provides discreet, powerful sound and a very good gain before feedback – a real all-rounder, which has set standards as wired variant.



TG V56w

Condenser capsule with a fine resolution for most different applications.

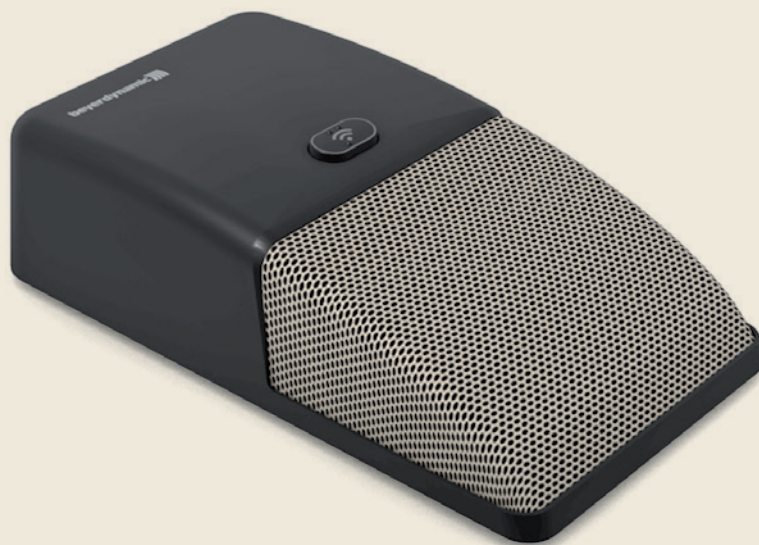


TG V96w

The strength of this capsule is reproducing subtle nuances naturally. The true condenser features a sound naturalness that has no equal.

Transducer type	Dynamic	Condenser (electret)	True condenser
Polar pattern	Cardioid	Cardioid	Cardioid

WIRELESS BOUNDARY MICROPHONE FOR MAXIMUM AUDIO QUALITY



Flexible use and simple handling.

The Quinta boundary microphone offers you highest levels of flexibility and reliability – for single user application, in small meeting rooms and huddle rooms or during video conferences. Tried-and-tested Quinta Triple Band technology ensures wireless transmission, and 128-bit encryption and a 24-bit PIN code guarantee protection against eavesdropping.

The plug & play solution.

For use in small meeting rooms,
huddle rooms and video conferences.



Boundary microphone

Thanks to its different operation modes, the boundary microphone can be used flexibly for different applications. The Quinta TB has a long operating time, with the microphone offering at least 14 h of constant use.

Boundary microphones have the advantage of high sensitivity and prevention of a comb filter effect, thus ensuring consistent sound quality and great freedom of movement.



Software

Different operating modes can be set using the software. In microphone mode the Quinta CU acts as a multi-channel receiver, in which case a maximum of four Quinta TBs can be operated simultaneously. In this mode, the software can be used to connect up to 9 central control units. In conference mode the Quinta TB acts as a delegate microphone unit and can be used for any classical conference application.



Button

The button, backlit in three different colours, shows the status of the microphone and so allows participants to see immediately whether the microphone is on or not. Modes such as global mute, push-to-talk and push-to-mute can be operated using the button.



Accessibility

The easy-to-feel microphone button made from silicone with tactile feedback and Braille makes the device accessible to all participants.



Charging

The Quinta TB takes standard NiMH batteries. A charging dock is available. It requires max. 2 h to charge; alternatively, the microphone can be operated and charged with a power adapter.



RFI proof

The microphone is equipped with Scudio technology making it RFI proof so that no mobile phone interference will occur.



Small meeting rooms



Huddle rooms



Video conferences

Simple handling. Charging the Quinta microphone units.

Preparing for your meeting or conference is quick and easy. Take the microphone units out of the charging and transport case, place them on the table, switch them on and you are ready to begin. It is just as quick to stow the microphone units away in the case ready for next time. They only need charging from the mains for a maximum of 2.5 hours and then the conference system is once again ready for use. Depending on the type of microphone unit, they can operate for more than 20 hours.



There is space for the Quinta control unit and other accessories in the bottom compartment of the modular charging case. This means you can conveniently transport the complete system in the case for meetings at different locations.

You can check the charging status via the viewing window on the case. If the light rings or strips are flashing red, the microphone units are charging. Once the light rings or strips display a constant red, the microphone units are ready to be used again.



Microphone units

The Quinta microphone units are available as chairman, delegate and double delegate microphone units. For the microphone units, four different lengths of gooseneck microphones (300, 400, 500, 600 mm) are available as

well as the vertical microphone array with patented Revoluto technology.

The Quinta microphone units with Revoluto Technology are available as chairman and delegate microphone units.



Microphone units with voting function

The Quinta microphone units with voting function are available as chairman and delegate microphone units.



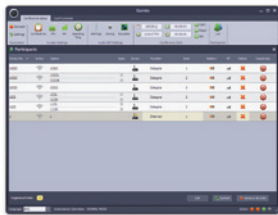
Handheld transmitter

The Quinta handheld transmitter allows a flexible use in different applications. A charger is available as optional accessory.



Control unit

The control unit provides flexible configuration and numerous interfaces.



Software

To operate and configure the Quinta system.



Charger

The intelligent charger with network connection has been designed for charging two Quinta handheld transmitters as well as four standard AA rechargeable batteries.



Charging dock

Charging dock Quinta CB for one boundary microphone Quinta TB.



Charging case

The transport and charging case can accommodate 10 microphone units. There is no need to remove the gooseneck microphone when charging. The transport and charging case for the Revoluto microphone units can accommodate 12 units.



steno-s 4

Our tip: The beyerdynamic steno-s 4 conference and recording software guarantees optimal documentation of conferences and proceedings.

www.steno-s.com



Member of the European Technology Standards Institute (ETSI).



Member of the AVnu Alliance for AVB networking products.

Germany

Administrative County Oldenburg
 Airport Frankfurt
 BMW R&D Center Munich
 Broadcasting Corporation Berlin-Brandenburg,
 Berlin / Potsdam
 Chamber of Commerce Erfurt
 Chamber of Commerce Kiel
 City Hall Bad Friedrichshall
 City Hall Freising
 City Hall Friedrichshafen
 City Hall Konstanz
 Concert and Congress Hall Bamberg
 DSGVO
 Federal Ministry of Nutrition and Agriculture,
 Bonn
 Health Insurance Company - AOK Stuttgart
 KfW Bank, Frankfurt / Berlin
 Landeshaus Kiel (Parliamentary Building)
 Landratsamt IIm-Kreis
 Landtag Niedersachsen
 Ludwig-Maximilians-University Munich (LMU)
 Ministry of Education Berlin
 Medical Association Hamburg
 Stadtwerke Essen AG
 TU Kaiserslautern
 University Bonn
 University RWTH Aachen
 Volksbank Laupheim

International

Parliament of the German-speaking community,
 Eupen - Belgium
 Architectural Institute of British Columbia (AIBC),
 Vancouver - Canada
 Bank of Canada, Ottawa - Canada
 Lake Shore General Hospital, Laval - Canada
 Chartered Professional Accountants (CPA),
 Toronto - Canada
 Imperial Oil, Calgary - Canada
 Lakeshore General Hospital, Montreal - Canada
 Local Authority Pension Plan, Edmonton - Canada
 Supreme Court Chile - Chile
 The Cairo Regional Centre for International Commercial
 Arbitration ("CRCICA") - Egypt
 NGRD (Unidad Nacional para la Gestión del Riesgo de
 Desastres), Bogotá - Colombia
 Sanofi, Paris - France
 Public and Commercial Services Union (PCS Union) -
 Great Britain
 Science Museum, London - Great Britain
 Vale of the White Horse Council, Abingdon - Great Britain
 Authority Pánama Channel - Pánama
 Local Authority Versoix - Switzerland
 State chancellery of the canton of Obwalden - Switzerland
 International Association of Fire Fighters - USA
 Sutherland Asbill & Brennan LLP - USA
 Affiliate of the Ministry of Public Security - Vietnam



Made in Germany

Conference systems from beyerdynamic stand for optimal audio quality and highest quality standards "Made in Germany". Rely on beyerdynamic's experience.



Sustainability

beyerdynamic products are of course produced as environmentally friendly as possible. Thus, for example, resource-saving material and NiMH batteries are used, which are not referred to as special waste.

For further references and project reports visit www.beyerdynamic.com/references

