



SENNHEISER EDUCATION SOLUTIONS

## Digital Audio Solutions for your University Campus

SENNHEISER

We offer cutting-edge digital audio technology that enables universities to deliver the learning experience of the future to all students — today.



## Integrated digital audio portfolio

Learning requires listening. As part of the global digital transformation, the digitalisation of AV equipment affects universities in particular due to the importance of supplying the best tools for effectively exchanging ideas via speech.

We believe that students are best supported in their learning by delivering the ideal conditions for receiving knowledge and sharing ideas. That's why, with Sennheiser Education Solutions, we provide a truly holistic, IT-friendly portfolio for the educational world.

# Discover **3** reasons why universities choose Sennheiser



## Talk

With our state-of-the-art audio equipment, we provide devices that are easy to handle for professors, IT personnel and students. Wireless microphone systems like SpeechLine Digital Wireless require no technical expertise to use—and can be easily scaled across as many rooms on campus as needed. Provide the best audio quality for all of your students, taking the education experience your institution offers to a higher level.



## Listen

Poor audio quality can be costly for universities against the background of a growing societal need for real inclusion. High-quality audio streaming to smart devices ensures seamless inclusion of hearing-impaired students. Attract top talent by offering advanced, future-ready learning experiences, while knowing that investing in our integrated digital audio portfolio means investing in your students success.



## Control

As digitalisation in higher-education accelerates, investing in future-ready, IT-friendly technologies is essential. Improve your digital workflows and minimise future investments with our solutions that allow remote monitoring and service of all Sennheiser devices in your network.

# We love IT

With our solutions, we meet the needs of even the most demanding IT managers.

## Save Time

Integrated solutions for campus-wide installations that can be controlled remotely

## Save Costs

Scalable solutions that integrate into existing infrastructure

## Save Trouble

Secure solutions that are easy to operate and maintain



## Discover the future of learning

We provide future-ready audio solutions tailored especially for universities and other higher-education facilities:

- **SpeechLine Digital Wireless** - for reliable speech reinforcement in lecture halls and classrooms
- **Evolution Wireless Digital EW-DX** - for flexible hybrid learning and performance spaces
- **TeamConnect Family** - ceiling microphones and collaboration bars for clear communication and video conferencing
- **MobileConnect** - for inclusive listening experiences and intuitive audience participation.
- **Sennheiser Control Cockpit** - for seamless, centralised Sennheiser device management across your campus



Sennheiser solutions for campus-wide audio

SENNHEISER



## SPEECHLINE DIGITAL WIRELESS

### IT-optimized wireless microphone system for speech and lecture

SpeechLine Digital Wireless is a digital wireless microphone system for speech and lecture. It is designed and optimized for **university and corporate use**. Thanks to its broad product portfolio, the system is particularly versatile and can be adapted to the requirements of individual applications.

Long battery life and easy end-user operation make SpeechLine Digital Wireless a real workhorse for daily continuous use.

Our goal was to make the daily work of IT and AV managers easier. With the introduction of the new **SpeechLine Multi-Channel Receiver**, SpeechLine Digital Wireless presents the perfect audio solution for **IT integration**. The digital microphone system supports the latest IT standards, numerous connectivity such as Dante™ and PoE and can be completely remote-controlled with the **Sennheiser Control Cockpit software**.



For more information visit:  
[sennheiser.com/speechline-wireless](https://sennheiser.com/speechline-wireless)

### Four reasons for SpeechLine Digital Wireless

**Perfect IT integration.** The system supports the most common IT standards and integrates smoothly into your existing IT infrastructure. Numerous connection options including two ethernet connectors with support for **Power over Ethernet (PoE) and Dante™** make the system the ideal enhancement for your campus network. SpeechLine Digital Wireless can be operated as a stand-alone system or integrated into a 3rd party environment using our **plug-ins and protocols**.

**Seamless setup & maintenance.** With **Sennheiser Control Cockpit**, you will always have a complete overview and control of your campus-wide setups. Time-consuming manual workflows such as checking battery levels can be completed **digitally** in no time. Advanced system automation eliminates the need for manual frequency and interference management. This makes SpeechLine Digital Wireless a real **time and money saver**.

**Always ready to go.** The perfect microphone system simply works, everytime. The use of SpeechLine Digital Wireless requires no introduction or explanation. As soon as the microphone is taken out of the **network monitored charging station**, it is immediately ready to use. With a **battery life of 15 hours**, SpeechLine Digital Wireless microphones are ready for even the longest workday.

**A future-proof investment.** SpeechLine Digital Wireless operates in the **license free 1.9 GHz** frequency band and is a future-proof investment. The free Sennheiser Control Cockpit opens up an important path to your future. **Digital workflows** for monitoring and controlling your entire system help you to **reduce maintenance and servicing costs**.



**SpeechLine Multi-Channel Receiver:**  
Connect up to 4 microphones with the Multi-Channel Receiver



### Customer Quote

*"The product fulfills its product promise, the investment is worthwhile, the digital frequency transmission and the automatic search for free frequencies in the 1.9 GHz frequency band (DECT) works well. No frequency problems at all!"*

Stephen Dishon, Development Team Supervisor,  
University of Edinburgh, Scotland



## TEAMCONNECT CEILING 2

### Be heard in the room, everywhere!

TeamConnect Ceiling 2 is a reliable **ceiling microphone solution** that is quick and easy to install. Thanks to the patented **automatic dynamic beamforming technology**, it adapts to the respective conditions on-site, without reconfiguration. Experience greater flexibility and true freedom of speech in your lecture rooms — supporting personalized learning and maximum productivity.

Whether for remote learning, online classes or collaboration with remote students: TeamConnect Ceiling 2 is designed to automatically adapt to every imaginable use case and is the perfect fit for large-sized lecture spaces, or spaces with high ceilings.

## TEAMCONNECT CEILING MEDIUM

### Seamless sound. Infinite possibilities.

TeamConnect Ceiling Medium brings versatility and adaptability to elevate your learning experiences across a range of flexible and hybrid educational environments.

With its adaptive, intelligent beamforming technology that supports both Sennheiser's TruVoicelift and Intelligent Noise Control to deliver perfect speech intelligibility and flawless audio, TeamConnect Ceiling Medium is a flexible, easy-to-use touchless solution for any medium or large education space.

Effortless integration with single cable mode and numerous design and installation options ensure TeamConnect Ceiling Medium transforms any room into a hub of collaboration.

Ongoing management and control can be done easily at any time via Sennheiser's free Control Cockpit.



For more information visit:

[sennheiser.com/teamconnect-ceiling-solutions](https://sennheiser.com/teamconnect-ceiling-solutions)

### The modern way of distance learning

**Speak freely.** Thanks to the unique patented **automatic beamforming technology**, voices are clearly transmitted to remote participants. The beam automatically focusses on the person speaking no matter where they are in the room.

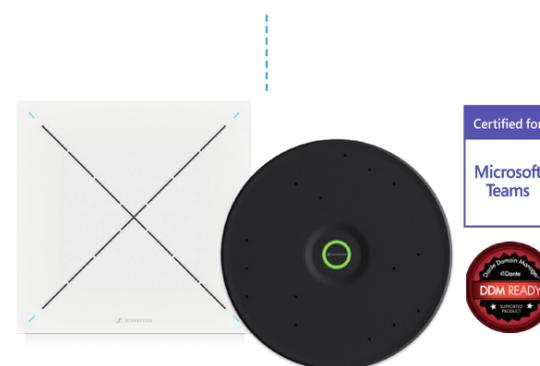
**Everything under control.** Optimize your digital workflows with the Sennheiser **Control Cockpit** software. Microphones can be easily controlled and monitored from anywhere in the university network.

**Perfect integration.** For 100% connectivity – connect the microphone via analogue or digital **Dante™** audio outputs to any conference system.

**Easy to install.** **Power-over-Ethernet (PoE)** makes integration of the ceiling microphone very easy, while an open media control protocol (API) allows you to make individual adjustments.

**Microsoft Teams certified.** The Sennheiser TeamConnect Ceiling Medium microphone is certified for **Microsoft Teams Rooms** when deployed with Microsoft-certified DSPs.

**DDM Ready.** TeamConnect Ceiling Medium uses the latest Audinate chip set to make the day-to-day business of IT managers and integrators even easier. TCC2 and TCCM are therefore fully compatible with the **Dante Domain Manager™** and benefits from the numerous advantages.



**Network enabled and remote controlled:** TeamConnect Ceiling 2 & TeamConnect Ceiling Medium are both controlled via Sennheiser Control Cockpit.

As individual as your learning environment, with multiple installation options:



Surface-mounted  
(TCCM & TCC2)



Suspended  
(TCCM & TCC2)



Flush-mounted  
(TCCM & TCC2)



Ceiling tile  
(TCCM only)



## MOBILECONNECT

**Hear Clearly. Respond Effortlessly. Interact Live.**



For more information visit:  
[sennheiser.com/mobileconnect](https://sennheiser.com/mobileconnect)

MobileConnect is an intuitive, easy-to-use Assistive Listening system that follows the Bring-Your-Own-Device (BYOD) principle—allowing users to stream live audio directly to their personal smartphones, while also using that same device as an intuitive audience interaction solution.

Designed to minimize operational costs and maintenance effort, MobileConnect is an ideal solution for higher education environments.

The system is made up of three key components: the MobileConnect Station, the MobileConnect Manager, and the MobileConnect App. The Station connects to the campus network and streams audio content over Wi-Fi directly to users' smartphones via the App.

With the MobileConnect Manager, all Stations across the network can be centrally monitored and managed—ensuring full control, anywhere on campus.

## System Components



MobileConnect App



MobileConnect Station



MobileConnect Manager

## Intuitive audience interaction and audio accessibility for Students

**Superior Audio.** MobileConnect delivers real-time, high-quality audio with outstanding speech intelligibility—directly to users' mobile devices. Seamlessly integrating into existing network infrastructure, it ensures accessible listening experiences anytime, anywhere on campus.

**Personal Hearing Assistant.** The Personal Hearing Assistant allows users tailor audio to their unique hearing needs. With an intuitive touchscreen interface, it's easy to fine-tune settings for optimal speech intelligibility and a fully personalized listening experience.

**Integration and Operation.** MobileConnect integrates seamlessly into existing network and audio infrastructures, including Dante networks, with administration and setup of the entire system made easy by the MobileConnect Manager.

**For users.** Students and audiences use their own device as the receiver and microphone. For users, the familiar device is convenient to use and guarantees optimal compatibility to their personal hearing aids. No additional hardware or dedicated seating area is needed.

**For operators.** MobileConnect is integrated into the existing network infrastructure and uses personal smartphones to receive and transmit audio. The system can be easily added to existing structures, and with device handling and maintenance designed to be kept to a minimum, overall system costs are kept low.

**QR Code Access.** The user can access room channels via a Channel ID entry or by scanning a QR Code.

### Compatible with:



Headphones



Hearing Aids



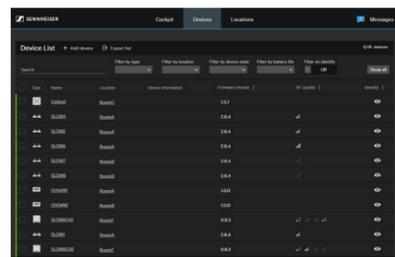
Cochlear Implants



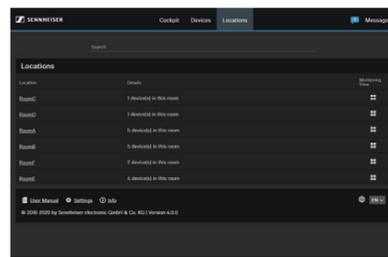
## Customer Quote

*"Being the Royal Society of Medicine, we want to be more than just compliant with the Equality Act 2010, we want to show that we're going the extra mile. By allowing delegates to use their own device, there is an immediate level of comfort for them that other systems can't provide."*

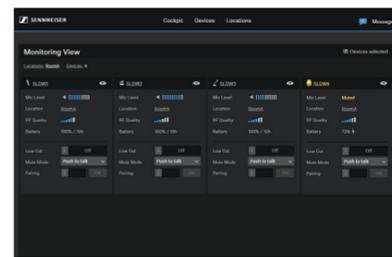
Kevin McLoughlin, AV Manager,  
 Royal Society of Medicine, London



Devices List



Locations View



Monitoring View

## SENNHEISER CONTROL COCKPIT Everything under control



For more information visit:  
[sennheiser.com/control-cockpit](https://sennheiser.com/control-cockpit)

Control Cockpit is Sennheiser's centralised software for seamless device management. Easily monitor and control SpeechLine Digital Wireless, EW-DX, and TeamConnect Family solutions from one intuitive interface.

Sennheiser Control Cockpit provides an easy-to-use, global overview of all network-enabled Sennheiser devices at all times. It shows all status information at a glance and

makes setting adjustments for one or multiple devices at the same time very easy.

Sennheiser Control Cockpit embraces **digital workflows** entirely. Being optimally tailored to the daily challenges across your university campus, it increases efficiency and **reduces maintenance costs**.

Sennheiser Control Cockpit is **100% free of charge**, download today.

### Compatible Systems

SpeechLine Digital Wireless



EW-DX



TeamConnect Ceiling Mics



TeamConnect Bars



### Your new digital workflows

**Setup.** The central control software adds devices automatically, via IP range or CSV import. All RF settings can easily be adjusted and tested. Different recipients of alert notifications can be configured to ensure smooth workflows.

**Monitor & Control.** The Sennheiser Control Cockpit is accessible anywhere in the network via browser on any kind of device. It allows remote monitoring by delivering status information concerning audio, RF and battery settings. For live monitoring during events, it provides an operator's view.

**Maintenance.** The core control tool offers seamless update procedures of software and hardware. It delivers instant notification in case of available updates and allows for batch update of multiple devices at once. The continuous evaluation and display of service relevant information such as battery health guarantees reliable operation.

**Troubleshooting.** The Sennheiser Control Cockpit comes with an integrated and searchable online manual for best contextual advice and assistive information. The onscreen and push notification via email/SMS warns you in good time to prevent undesired incidences. The possibility of remote troubleshooting (e.g. muted mic) saves you time and effort.

### Customer Quote

*"It is important for me that we can monitor our equipment from a central place, so we just started using the Sennheiser Control Cockpit software."*

Per Mouritzen, AV Manager,  
Aalborg University, Denmark



## EW-DX

### Digital wireless designed to make collaboration and learning easier

EW-DX, the latest member of our Evolution Wireless Digital family, is designed so you don't have to choose between a system that is easy to use and one that is powerful and flexible enough for the most demanding applications. With its straightforward installation and integration, the system easily scales across your existing Dante® network, from the smallest classroom to the largest presentation and performance spaces. With advanced functionality, you can manage the fine details or allow the system to eliminate the frustration of complex channel and audio setting management. Additionally, you can experience virtually effortless system maintenance with the Sennheiser Control Cockpit, which allows the system to be managed, monitored, and controlled remotely.



#### A UHF system that will meet your ever-changing demands

**Customisable:** EW-DX is a truly versatile mic system that easily adapts to your professional requirements. Whether you are using it for university lectures or corporate meetings, either in-person or hybrid, EW-DX delivers peak performance, every single time. Plus, integration with the Sennheiser Control Cockpit and 3rd party applications allow for effortless remote monitoring and control, regardless of whether you are running operations in a single meeting room or managing a sophisticated cross-campus installation.

#### Reliable system in any environment

**Dependable:** EW-DX boasts an advanced feature set in a world-renowned durable Sennheiser design, making it a reliable tool in times where speech matters most. Robust digital RF links ensure stable, artifact-free connection, while AES-256 encryption allows for secure transmission of confidential content.

#### Simple to install and easy to monitor

**Effortless:** Designed for simple setups or advanced installations, EW-DX can easily integrate into any existing Dante network. The impressive 134 dB of dynamic range means never having to worry about a sensitivity setting. The Sennheiser Control Cockpit gives you the option to control settings and remotely monitor vital things, like battery telemetry, for all components of EW-DX.



For more information visit:  
[sennheiser.com/ew-dx-business](https://sennheiser.com/ew-dx-business)

## Headmics and Lavalier Microphones

### Our accessory portfolio for wireless microphone systems

Keep your hands free – with these accessories for SpeechLine Digital Wireless and EW-DX.

#### SL Headmic 1

The SL Headmic 1 is an extremely unobtrusive and comfortable-to-use headworn microphone. It features the proven omni-directional MKE 1 microphone capsule. The adjustable neck band makes its use convenient for everyone. The extremely lightweight (7 g) but robust metal frame makes long-term usage most convenient. It comes with a sturdy and sleek soft-case, which can also hold a bodypack transmitter.



#### HS 2

The HS 2 is a headset microphone with a very robust steel wire cable for connection to wireless bodypack transmitters. It features the omni-directional MKE 2 Gold capsule and meets the highest demands on sound quality and robustness.



#### MKE 1

The MKE 1 – Sennheiser's smallest clip-on microphone – performs at its best in all situations where a microphone needs to be virtually invisible and still offer outstanding sound quality. Sweat protected by a newly developed protective membrane, the MKE 1 stands up better than other clip-on microphones to harsh live conditions. Its special gauze and multi-purpose cap offer additional protection from moisture so that it only picks up what it is meant to pick up – perfect sound. The MKE 1 is robust in every respect. The cable with moulded anti-kink sleeve minimises handling noise and makes this a microphone you can rely upon completely.





## TEAMCONNECT BAR SOLUTIONS

### The most feature-rich all-in-one conferencing devices in their class.

The TeamConnect Bar Solutions are the first video conferencing devices from Sennheiser and are the newest additions to the TeamConnect family.

Certified for both Microsoft Teams and Zoom, the TC Bars are available in two sizes, TeamConnect Bar S is designed for small and huddle areas, while the TeamConnect Bar M is best for medium sized hybrid learning spaces.

As the first video conferencing devices with Dante, scalability as rooms change and evolve is a key USP. They can also be combined with compatible 3rd party devices for wireless collaboration and control.

#### TeamConnect Bar S

The TeamConnect Bar S is perfect for small and huddle sized spaces. Featuring 4 microphones and 2 speakers delivering Trusted Sennheiser Audio Quality. With only one cable needed, set up and use as a BYOD is simple. The 4K Ultra HD camera brings dynamic video with AI features like Person Tiling and Auto Framing.



For more information visit:  
[sennheiser.com/tcbar](https://sennheiser.com/tcbar)

#### TeamConnect Bar M

The TeamConnect Bar M is ideal for medium sized learning and collaboration rooms featuring 6 microphones and 4 speakers. The built in DSP allows for adjustments to compensate for room acoustics improving audio quality ensuring everyone can be heard and a great experience for remote participants.



## The Future of Audio

### Experience our products on your campus!



Get in contact with us for a product demonstration:  
[sennheiser.com/education](https://sennheiser.com/education)