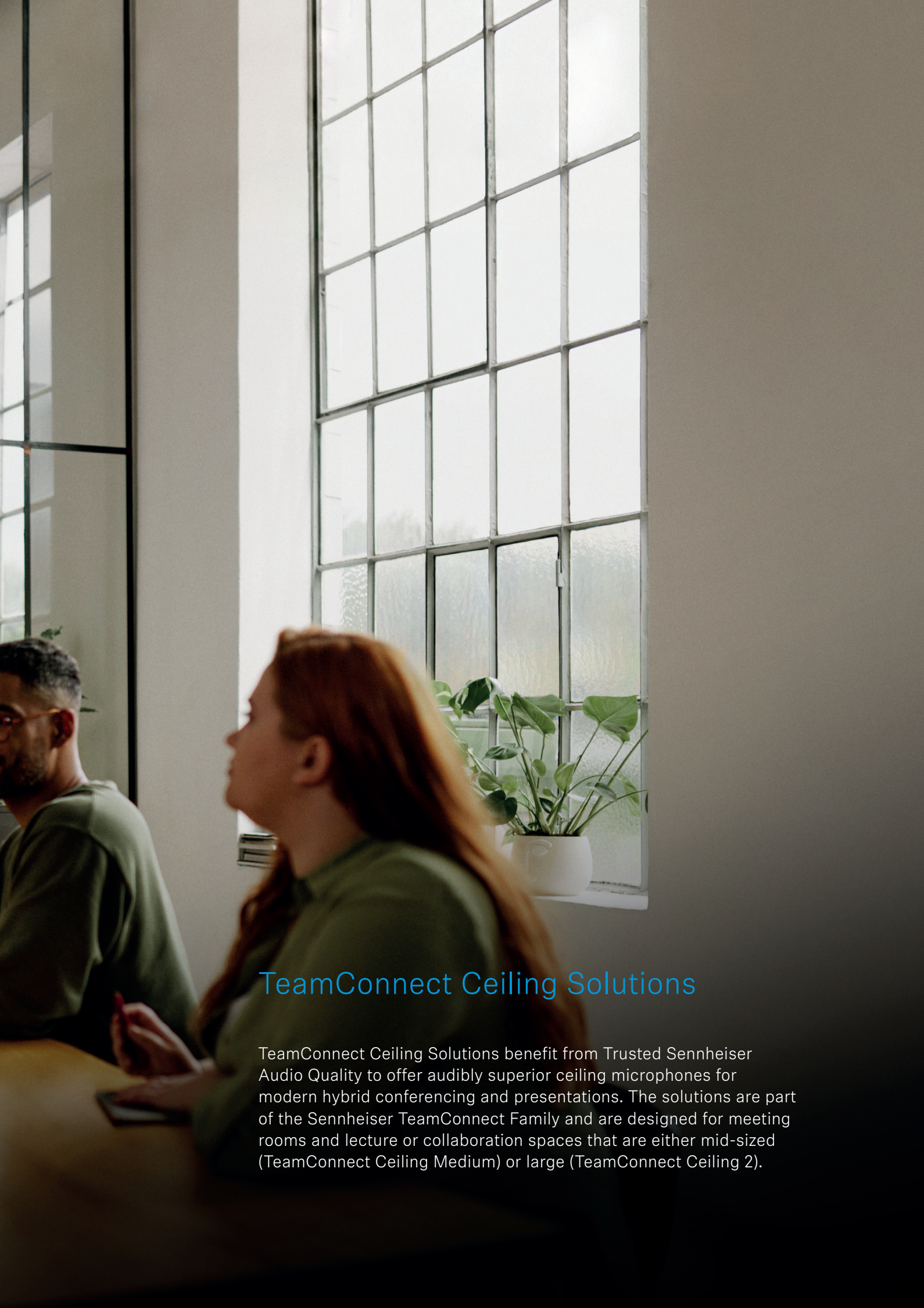TEAMCONNECT CEILING SOLUTIONS

Be heard in the room – everywhere.

SENNHEISER

TeamConnect Ceiling Solutions

TeamConnect Ceiling Solutions benefit from Trusted Sennheiser Audio Quality to offer audibly superior ceiling microphones for modern hybrid conferencing and presentations. The solutions are part of the Sennheiser TeamConnect Family and are designed for meeting rooms and lecture or collaboration spaces that are either mid-sized (TeamConnect Ceiling Medium) or large (TeamConnect Ceiling 2).

Benefits

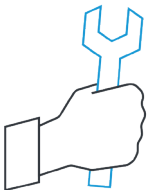## Trusted Sennheiser Audio Quality

TeamConnect Ceiling Solutions employ **patented automatic dynamic beamforming** technology and the **TruVoicelift** function. These offer **perfect speech intelligibility** while allowing the speaker great flexibility in movement and position.

The high-quality built-in electret condenser capsules, which are **made in Germany**, have already proven themselves in numerous Sennheiser microphones. They ensure perfect speech intelligibility and offer outstanding audio quality by recording the entire meeting room.

These features enable the microphone to constantly determine the position of the person speaking, without manually needing to configure speaker zones ahead of time. This means that **no spoken word is lost** between the people in the meeting room and the external meeting participants.

Efficient Setup

Thanks to the three options for mounting the microphone – **flush-mounted, surface-mounted and suspended** – the ceiling microphone integrates perfectly into your individual room design.

After integrating your ceiling microphone into your meeting environment via **Dante or Analog output**, the installation is very easy via **Power over Ethernet** (PoE).

These features make it possible to set up the ceiling microphone with as little cost and time as possible.
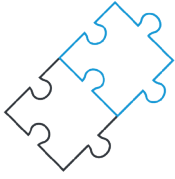
Management and Control

The outstanding benefits of the **Sennheiser Control Cockpit** software help you control and monitor the microphone in any company network.

High-precision audio settings offer maximum control: **Exclusion Zones** are designed to exclude unwanted noise; the **Priority Zone** highlights one speaker; while **TruVoicelift** allows significantly increased speech amplification in a meeting or conference room. This provides the speaker with the opportunity to be heard loudly and clearly even in the back of a room – similar to a stage microphone.

Your video recordings will also benefit by aligning with the **accurate talker positioning data** of our ceiling microphones via our media control protocol.

Brand Agnostic Integration

The ceiling microphones can be easily used as an extension for any hybrid conferencing setup – for example with compatible solutions from our tested, selected partners.

They are certified for use with **Microsoft Teams*, DingTalk*, Tencent Meeting*** and **Zoom*** environments with different third-party manufacturers.
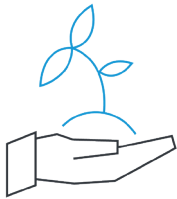
* Certification pending for TeamConnect Ceiling M.

Sleek Design

With their **shapes, mounting options, color variants** and the option for **customized painting** or **vinyl wrapping** the TeamConnect Ceiling Solutions integrate nearly invisibly in your room design, architecture and infrastructure.

Sustainable Impact

For our packaging, we seek to avoid composite materials whenever possible, while **reducing the amount of plastics** in favor of paper and paperboard.

Our products are **'Made to last'**. We not only want our customers to enjoy their Sennheiser products for a long time, but also help to ensure that fewer products are thrown away. That's why we strive to provide **spare parts** for many of our products – over a **long period of time**.

Real Problem Solver

The ceiling installation of TeamConnect Ceiling Solutions allows users to use the **full room potential** of a space **without any limitations**. Enjoy the benefits of a clear tabletop without any cables or additional devices and **flexibility** in re-arranging furniture without any compromises in microphone pickup and speech intelligibility.

Security

The Sennheiser control interface (Sennheiser Control Cockpit or Sennheiser Sound Control Protocol) is secured by **encrypting communication** and **authenticating access** for controlling and monitoring the TeamConnect Ceiling, which support IT industry standards like **IEEE 802.1x** and **TLS 1.2** **.

** Only for TeamConnect Ceiling M

TeamConnect Ceiling Medium
For mid-sized meeting rooms

With a coverage of up to 40 m², our ceiling microphone TeamConnect Ceiling Medium (TCC M) is the right choice for mid-sized meeting rooms and lecture or collaboration spaces. With this solution, Sennheiser provides an additional design option to seamlessly include our audibly superior ceiling microphone into your meeting room. With all the great features of our trusted TeamConnect Ceiling 2 but in a more compact form, the TeamConnect Ceiling Medium microphone is a real problem-solver that allows cable-free tables and flexible furniture arrangement, while offering all of the TeamConnect Ceiling Solutions benefits like Trusted Sennheiser Audio Quality, efficient setup, brand agnostic integration, simple management and control, a sleek design and a sustainable impact.

Mid-sized meeting room equipped with TeamConnect Ceiling Medium.

Mounting Options

| Surface-Mounted | Suspended | Flush-Mounted |

TeamConnect Ceiling 2
For large meeting rooms

With a coverage of up to 80 m², there's still no better solution for larger meeting rooms and lecture or collaboration spaces than our industry-leading TeamConnect Ceiling 2 (TCC 2) ceiling microphone. With its functional square form the TCC 2 gracefully integrates into the design of modern meeting rooms – simply by replacing a ceiling tile. Like the TeamConnect Ceiling Medium, the TeamConnect Ceiling 2 is a real problem-solver that allows cable free tables und flexible furniture arrangement, while offering all of the TeamConnect Ceiling Solutions benefits like Trusted Sennheiser Audio Quality, efficient setup, brand agnostic integration, simple management and control, a sleek design and a sustainable impact.

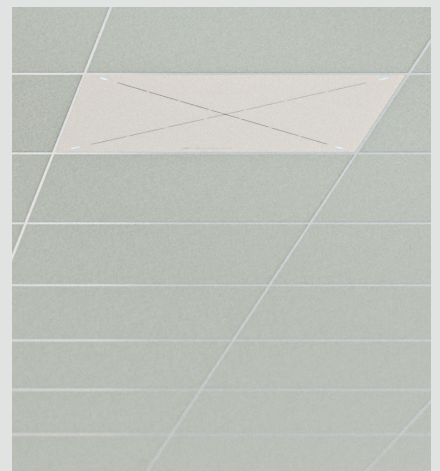Large meeting room equipped with TeamConnect Ceiling 2.

Mounting Options

Surface-Mounted   Suspended   Flush-Mounted

TeamConnect Ceiling Medium
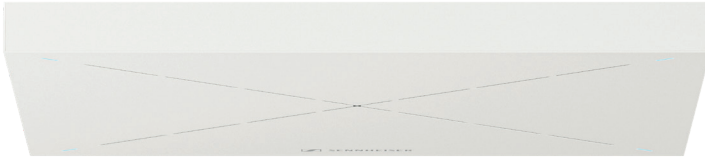Technical data

Product properties

Dimensions (Ø x H)	477 x 46 mm (16 x 1.8 ")
Weight	max. 4,9 kg (10.8lbs)
Audio Outputs	1 x 3-pin socket (fits Phoenix contact MCVW 1.5-3-ST-3.81) 1 x Digital Dante Network Audio (Configurable Port 1 or 2) (RJ-45)
Network/Control	1 x RJ-45 Ethernet Port for PoE power supply and data/ control communication
Supply voltage	PoE IEEE 802.3af Class 3 IEEE 802.3at / Typ 2 / Class 4 (when cascaded)
Power consumption	approx. 8 W
Safety certification	IEC/EN 62368-1 (including UL 2043 testing and compliance)

Acoustic properties

Transducer principle	Pre-polarized condenser microphone
AF frequency response	100 Hz to 16,000 Hz
Sensitivity	0 dBV/Pa (890 mV/Pa)
Signal-to-noise ratio	79 dB (A)
Equivalent noise level	15 dB (A)
Number of microphone capsules	15
Pick-up pattern	Beam pattern
Max. sound pressure level	98 dB SPL
Dynamic range	83 dB (A)

Ambient Conditions

Temperature range Operation: Storage:	0 to 40 °C (32 - 104 °F) –10 to 60 °C (14 - 140 °F)
Relative air humidity	20 - 95 %, non-condensing

TeamConnect Ceiling 2
Technical data

Product properties

Dimensions (L x B x H)	590 x 590 x 43 mm
Weight	5670 g (12.5 lbs)
Audio Outputs	1 x 3-pin terminal (fits Phoenix contact MCVW 1.5-3-ST-3.81) 2 x Digital Dante Network Audio (RJ-45 Primary and Secondary)
Ethernet Control	1 x RJ-45 Ethernet Port for PoE power supply and data/control communication
Supply voltage	44 – 57 V DC PoE IEEE 802.3af Class 3
Power consumption	max. 8.8 W
Safety certification	UL 62368 certification (including UL 2043 testing and compliance)

Acoustic properties

Transducer principle	Pre-polarized condenser microphone
AF frequency response	160 Hz to 18,000 Hz
Sensitivity	0 dBV/Pa (988 mV/Pa)
Signal-to-noise ratio	83 dB (A)
Latency	4 ms
Equivalent noise level	11 dB (A)
Number of KE 10-237 microphone capsules	28
Pick-up pattern	Beam pattern
Max. sound pressure level	104 dB SPL
Dynamic range	93 dB (A)

Ambient Conditions

Temperature range Operation: Storage:	0 to 40 °C (32 - 104 °F) –10 to 60 °C (14 - 140 °F)
Relative air humidity	20 - 95 %, non-condensing

**Get in touch
with us now!**

sennheiser.com/tccs