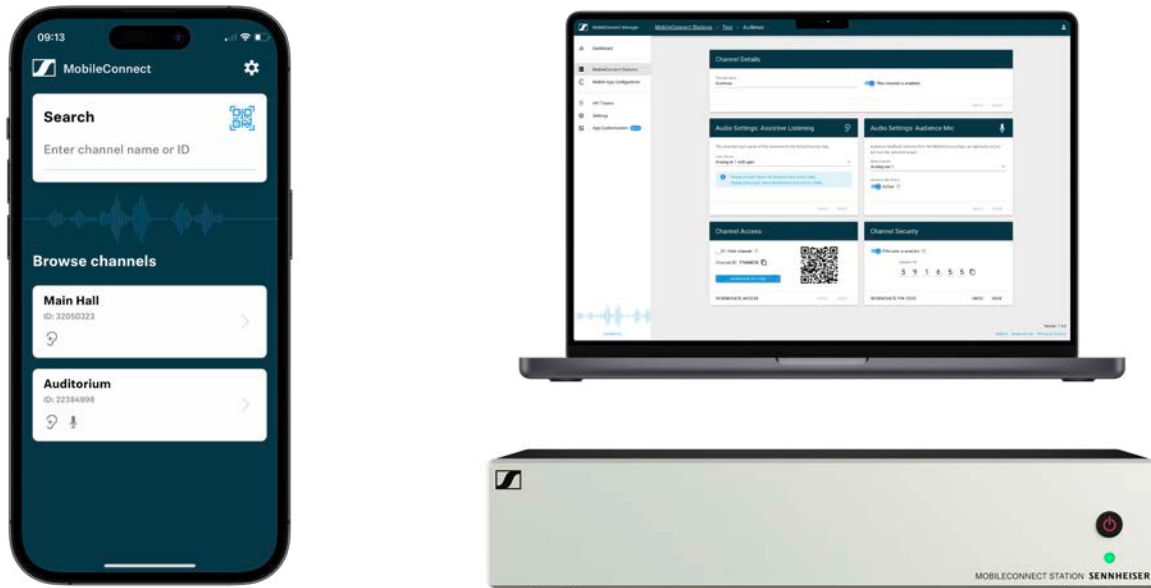




MobileConnect Assistive Listening



MobileConnect is an innovative, scalable, app-based accessibility solution that integrates assistive and focused listening and a talk-back feature into your audience's personal smartphones. The system consists of three components: one or more easily integrated MobileConnect Stations, the MobileConnect App and MobileConnect Manager software. It also works through your existing WIFI network, making installation fast and intuitive for your IT and AV teams.

TARGET APPLICATIONS

- Assistive listening
- Interpretation streaming
- Personal listening
- Bi-directional live audience engagement

DELIVERY INCLUDES

- Sennheiser MobileConnect Station
- Housing feet
- Quick guide
- Safety guide

FEATURES

- **Bring Your Own Device (BYOD)**
The app-based design turns audiences' smartphones into personal microphones and assistive listening devices.
- **True, Discreet Inclusion**
Trusted, low-profile audio accessibility through personal induction neck loops, headphones, and hearing aids.
- **Live Audience Engagement**
Talk-back functionality allows local and remote participants to respond, listen, and interact from anywhere in the room.
- **Individually Optimized Listening**
The app's intuitive interface makes it easy for users to optimize their listening experience.
- **App Customization**
Customize your users' experience with personalized app design and onboarding screens.
- **Quick and Flexible Access**
Your audience can access their preferred audio stream quickly, easily and in a way that works for them.
- **Low-latency Audio**
Enjoy clear, precise audio from anywhere in the room.
- **Secure Streaming Access**
You decide which streaming channels are available and how they are accessed.
- **Intuitive System Management**
The MobileConnect Manager keeps everything in view and at your fingertips.
- **3rd-party Plugin Integration**
Connects to 3rd-party user control systems through Crestron, Extron, QSC plugins or other systems using the MobileConnect API.
- **Scalable To Your Needs**
Effortlessly adapt the system to your needs, facility and audience.
- **Dante Integration**
Implement decentralized installments and hybrid deployments via Dante audio distribution.



MobileConnect Assistive Listening

SPECIFICATIONS

Product properties

Dimensions W x D x H	approx. 212 x 168 x 43 mm (8.4" x 6.6" x 1.7")
Weight	approx. 970 g
Audio inputs	2x 3-pin sockets (suitable for XLR-3-F) 2x Dante™ Digital Audio Network sockets (RJ-45) 2x 3-pin sockets (suitable for XLR-3-M)
Network / Control	1x RJ-45 Control/PoE/Streaming 1x RJ-45 Control
Supply voltage	PoE IEEE 802.3af Class 3
Power consumption	Max. 10 W

XLR connectors

Frequency response	40 Hz - 20 kHz
Signal to noise ratio S/N	101 dB (A)
Total harmonic distortion THD + N	-82 dB (A)
Input impedance	10 kΩ
Max. input level	without gain: 18 dBu with gain: 3 dBu
Max. output level	4 dBu 600 Ω 8 dBu 200 kΩ

Ambient conditions

Temperature range	Operation: 0 °C to +40 °C (32 °F to 104 °F) Storage: -10 °C to +60 °C (14 °F to 140 °F)
Relative air humidity	20 - 90 %, non condensing

ARTICLE INFORMATION

Sennheiser MobileConnect Station

Art.no. 508895

PRODUCT FEATURES

MobileConnect Station

- ½ 19" housing
- 100 simultaneous clients per station
- 2 XLR inputs
- 2 XLR outputs
- DANTE interface (inputs/outputs)
- Power over Ethernet (PoE)
- Standalone Mode available
- 3rd party plugins available

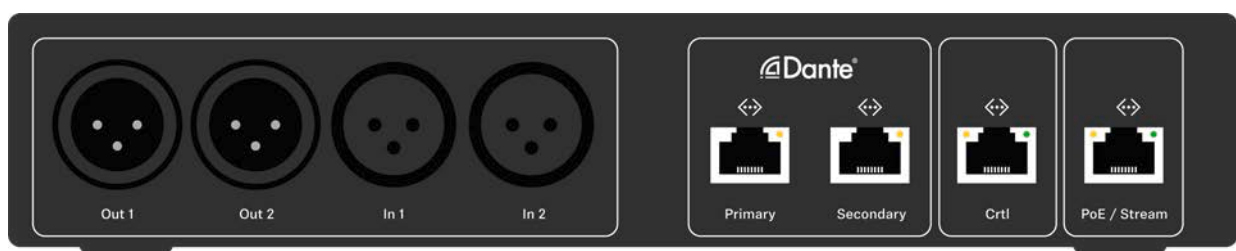
MobileConnect App

- Your personal hearing and talk-back device
- Clear and precise audio anywhere in the room
- Low latency (40-60 ms on average)
- Individual sound settings
- No hygienic concerns
- Intuitive, individually customizable app design
- Screen reader support for people with vision loss
- Free of charge

MobileConnect Manager

- Central management software
- Manages hundreds of MobileConnect Stations
- On-premise server installation (Docker)
- Allows for app design customisation
- 3rd party plugins available
- Cloud updates
- Free of charge

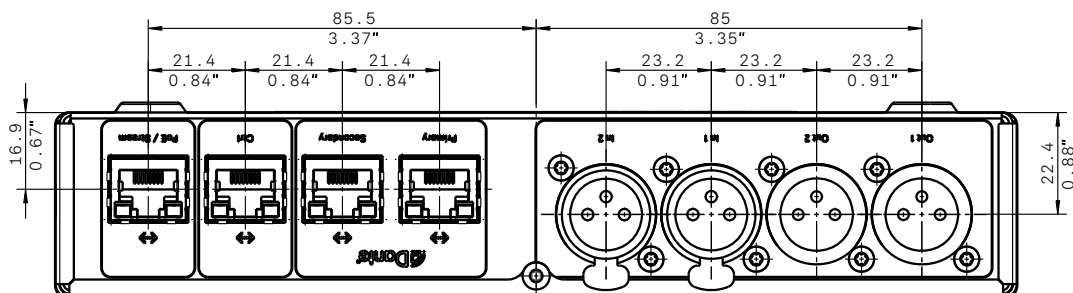
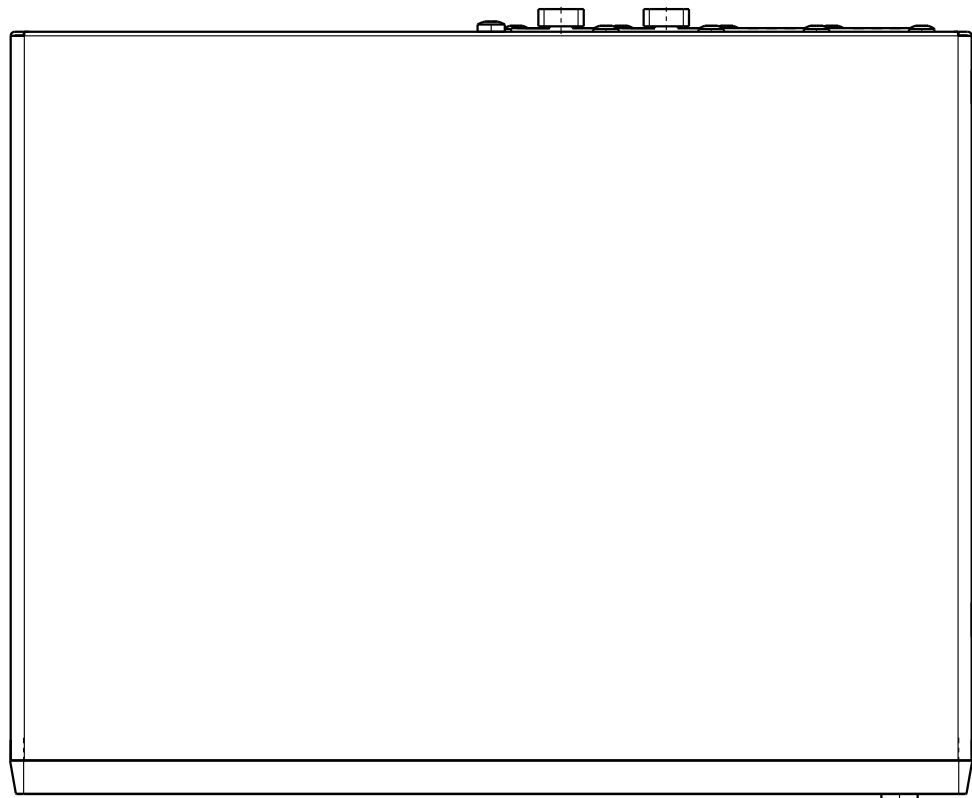
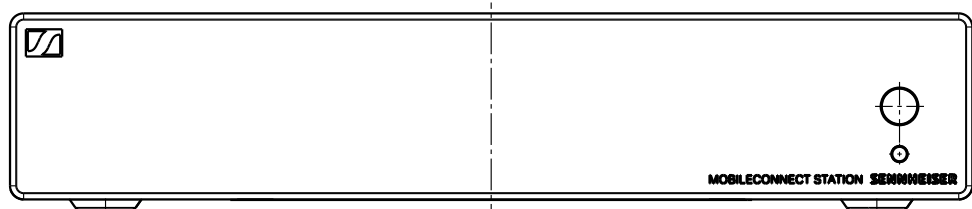
CONNECTIONS





MobileConnect Assistive Listening

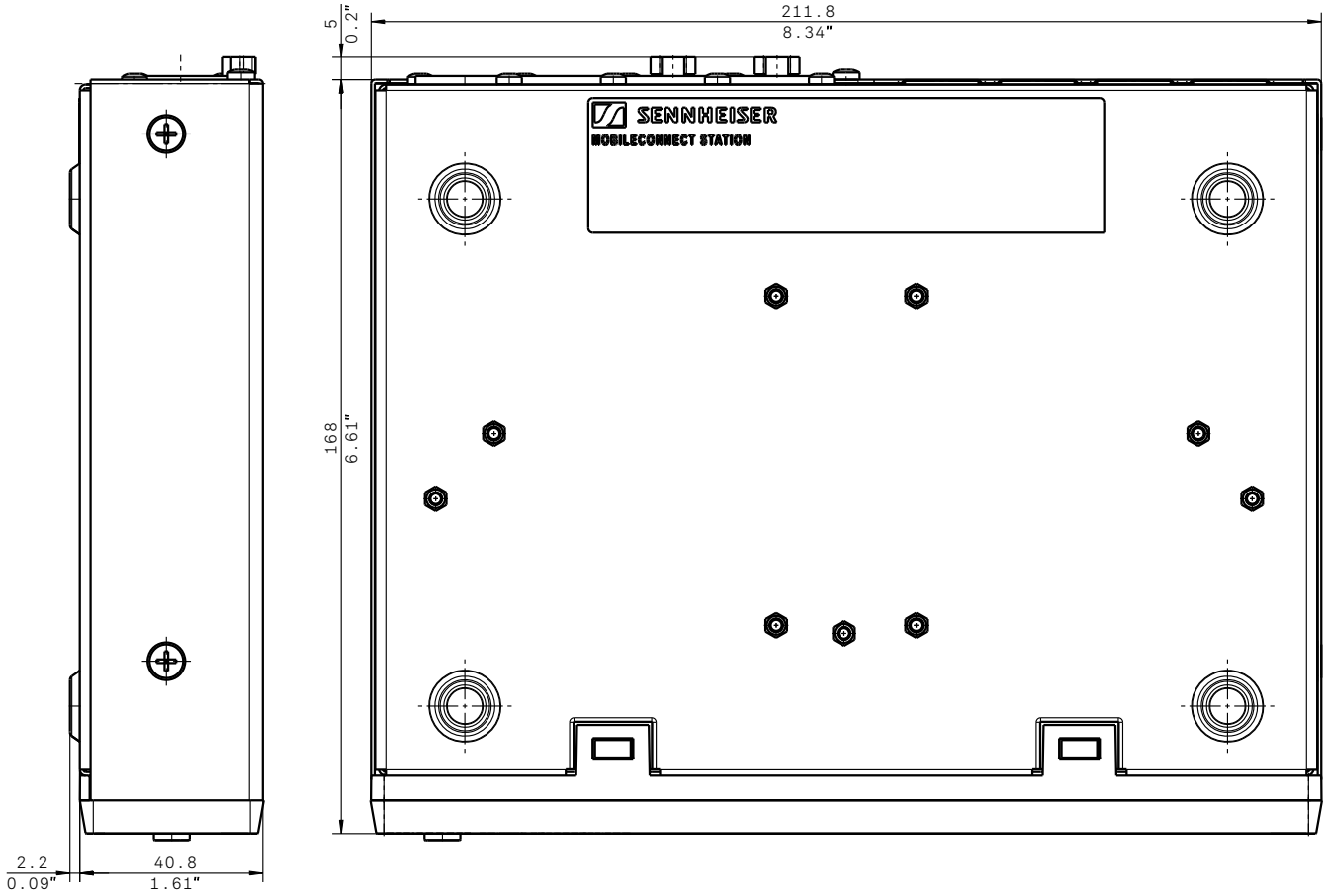
DIMENSIONS





MobileConnect Assistive Listening

DIMENSIONS





MobileConnect Assistive Listening

ARCHITECT'S SPECIFICATION

A multi channel streaming system that allows transmission of audio description, assistive listening, multilingual audio content, and alternative content to your mobile devices using a dedicated App, which is available for iOS and Android mobile devices.

The system shall be comprised of a central unit, which serves as an audio over WiFi server for analog and digital audio inputs/outputs, a mobile App as the receiver application, and a dedicated configuration software running on a server provided by the customer. The mobile App shall be available for iOS and Android free of charge. The configuration software shall also be free of charge.

The system shall have a low latency and premium audio quality. The central unit shall allow up to 100 simultaneous users. Due to the Bring-Your-Own-Device principle, the system shall be easily operable for the users on their personal smartphones. The integrated Personal Hearing Assistant shall provide individually adjustable sound settings for every user.

The system shall support all wireless and wired headphones, hearing aids and Cochlea implants.

The central unit shall have a rugged housing and be mountable in a standard 19" rack. Housing dimensions shall be approx. 212 x 168 x 43 mm (8.4" x 6.6" x 1.7"). Weight shall be approx. 970 g.

The central unit shall feature two XLR-3F analog audio input sockets and two XLR-3M analog audio output sockets. It shall also feature a Dante™ interface with two RJ-45 ports for digital audio input and output.

The central unit shall also feature an RJ-45 socket for network control and an RJ-45 socket for the connection to the streaming network. The central unit can be integrated into an existing network infrastructure.

The frequency response shall be 40 Hz to 20,000 Hz, signal to noise ratio shall be 101 dB(A). Total harmonic distortion shall be -82 dB(A). The input impedance of the audio inputs shall be 10 kΩ, the max. input level shall be 18 dBu without gain and 3 dBu with gain. The maximum audio output level shall be 4 dBu 600 Ω and 8 dBu 200 kΩ.

The central unit shall be operable in a temperature range of 0 °C to +40 °C (32 °F to 104 °F) at a relative air humidity of 20 - 90 % (non-condensing). The central unit shall operate on PoE IEEE 802.3af Class 3. Power consumption shall be max. 10 W.

The central unit shall be the Sennheiser MobileConnect Station.

The mobile App shall be the Sennheiser MobileConnect App.

The configuration software shall be the Sennheiser MobileConnect Manager.

The system shall be the Sennheiser MobileConnect.