



## MOBILECONNECT

Hear clearly. Respond effortlessly. Interact live.

Intuitive interaction and accessibility  
via your personal smart device.







 [MobileConnect Website](#)

## MOBILECONNECT













# Connect with your audience like never before

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.

## APPLICATIONS

-  Assistive Listening
-  Live Audience Engagement
-  Personal Listening
-  Translation

## FEATURES

-  Bring Your Own Device
-  Intuitive System Management
-  Quick and Flexible Access
-  Live Audience Engagement
-  3rd-party Plugin Integration
-  Secure Streaming Access
-  App Customization
-  True, Discreet Inclusion
-  Scalable To Your Needs
-  Low-latency Audio
-  Individually Optimized Listening
-  Dante Integration

## COMPONENTS



MobileConnect App



MobileConnect Station



MobileConnect Manager

## TWO MODES

- [Manager Mode](#)
- [Standalone Mode](#)



## Assistive Listening

# True Inclusion

MobileConnect offers modern assistive listening and talk-back via a discreet and intuitive smartphone application. Perfect for a wide variety of locations, it brings a new level of accessibility to universities, corporate environments, Houses of Worship, conference halls and everywhere else that demands true inclusion.



## Live Audience Engagement

### Talk-back Functionality

The MobileConnect App's (available at no charge, iOS/Android) Audience Mic feature turns users' smartphones into a convenient talk-back microphone. This means your entire audience, whether in the room, joined remotely or a mix of both, will not only hear you, but can interact live and in real-time.



## Personal Listening

# Full Focus, Full Control

MobileConnect brings every detail and spoken word to participants' personal and assistive listening devices. The system is easy to use, works anywhere in the room and the listening experience is fully customizable from the listener's smartphone. It allows them to fade unwanted distractions into the background and focus on what's important.



## Translation

# Flexible Interpretation and Translation

MobileConnect is an accessibility solution for multilingual events where live translation is required. It offers multiple streaming channels that can be easily accessed for different live translations. And because it's all done through participants' smartphones and personal listening devices, it's as discreet as it is powerful.

## Benefits



### Safe, Convenient Accessibility

MobileConnect's assistive listening capabilities and Audience Mic connect you and your entire audience. Best of all, your audience can access it all with the smartphone in their pockets. The listening experience is individually customizable and available anywhere in the room. Its discreet design also works with participants' personal induction neck loops, headphones and hearing aids.

### Focus, Talk, and Interact

MobileConnect's assistive listening and talk-back capabilities include your entire audience in the conversation. With all of this in one secure system, MobileConnect is ideal for many different educational and corporate applications.



### Scalable System Adapts to You

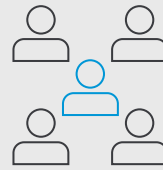
MobileConnect adapts to your needs with management tools that handle anything from single-room installations to large-scale deployments. We also engineered this secure system around IT standards for easy integration and day-to-day use.





### Bring Your Own Device

The app-based design turns audiences' smartphones into personal microphones and assistive listening devices.



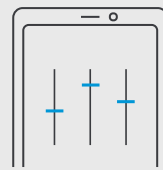
### True, Discreet Inclusion

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.



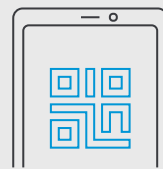
### Individually Optimized Listening

The app's intuitive interface makes it easy for users to optimize their listening experience.



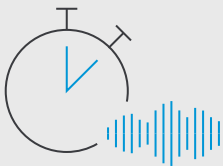
### App Customization

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.



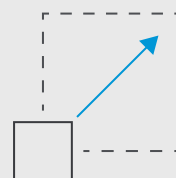
### Secure Streaming Access

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.



### Scalable To Your Needs

Effortlessly adapt the system to your needs, facility and audience.



### 3rd-party Plugin Integration

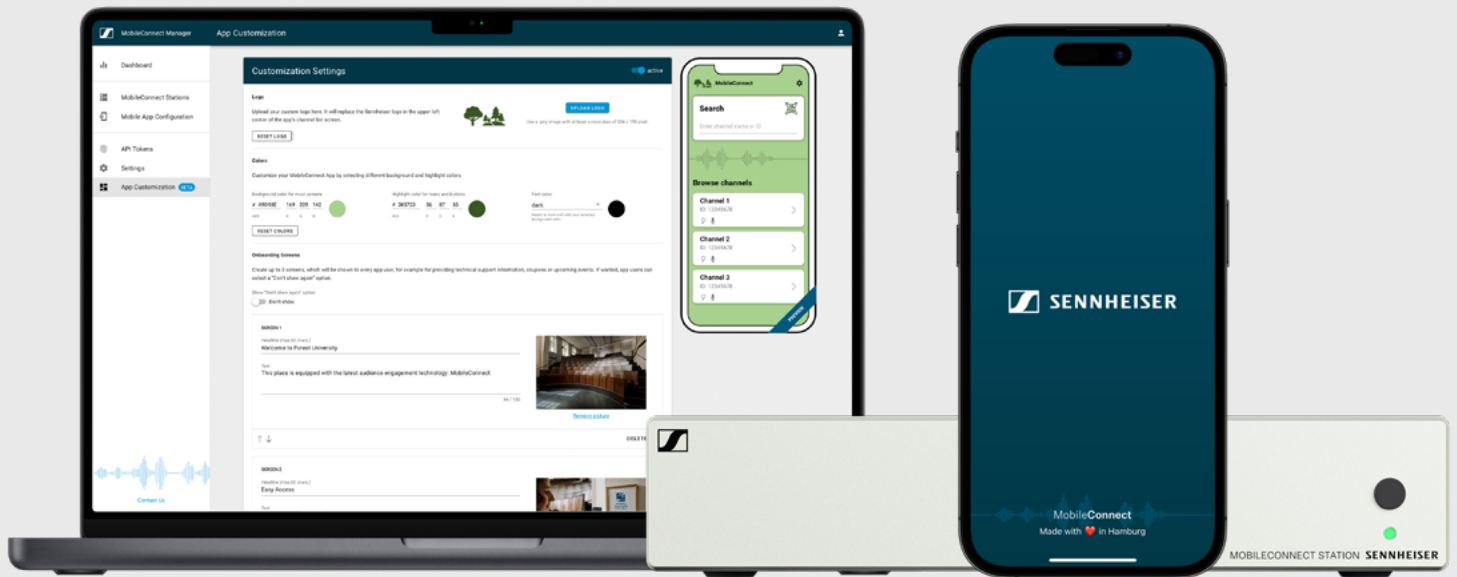
Connects to 3rd-party user control systems through Crestron, Extron, QSC plugins or other systems using the MobileConnect API.



### Dante Integration

Implement decentralized installations and hybrid deployments via Dante audio distribution.





## Components

The MobileConnect system consists of three main components: The easily-integrated MobileConnect Station, the smartphone-based MobileConnect App (available for iOS and Android), and MobileConnect Manager.

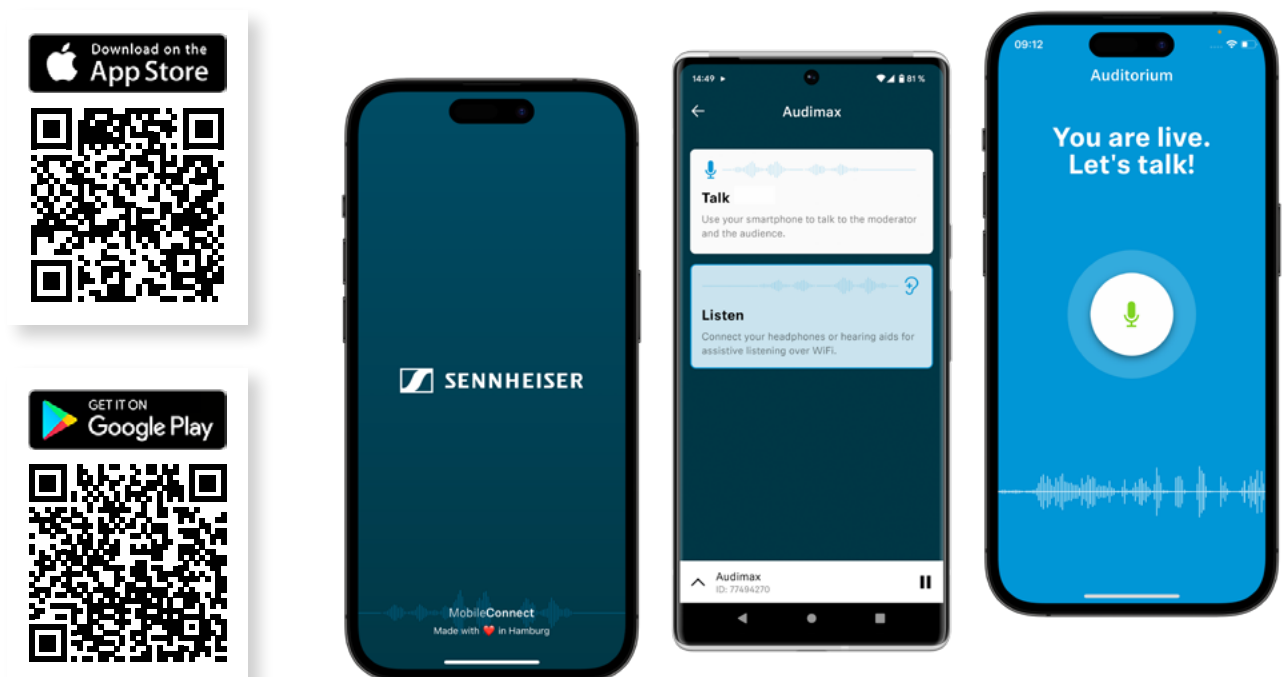
Designed with IT in mind and easily integrated into your facility's WiFi Network, the MobileConnect Station receives and distributes low-latency audio between the presenter and up to 100 MobileConnect App-enabled smartphones. The App's intuitive interface, assistive and focused listening capabilities, and Audience Mic talk-back feature include your entire audience in the conversation. And the MobileConnect Manager software is a secure, single point of administration for environments requiring scalability and using multiple MobileConnect Stations.

## MobileConnect App

[!\[\]\(0f848bbd71cef6b345273b16f905912a\_img.jpg\) READ MORE ONLINE](#) 

The customizable, easy-to-use MobileConnect App connects your audience to your entire MobileConnect system using the smartphone in their pockets. The receiver for listening to MobileConnect audio streams and a personal talk-back microphone raise the bar on discreet audio accessibility.

- Assistive and personal listening over an existing WiFi network
- Enjoy clear and precise audio quality anywhere in the room
- Bring Your Own Device
- QR-Code Scanner and pin codes offer secure access to streaming channels. Option of automatic channel discovery via mDNS (Standalone Mode) and DNS (Manager Mode) allowing MobileConnect App users to view and enter audio channels without the need for scanning a QR code
- Bi-directional communication through personal iOS and Android devices using Audience Mic option
- Audience Mic (talk-back) functionality with queue feature – MobileConnect operators can decide how to moderate the discussion (first come first served, options include using one slot only, use queue feature, mute speaker, skip current speaker, display total queue length and remove everybody from the queue at once)
- Your talk-back microphone is already in your pocket
- No equipment sharing eliminates hygienic concerns
- Unicast audio streaming with as little as 25 ms latency\*, depending on the network and device used
- Intuitive, individually customizable app design
- Administrator-personalized onboarding screens
- Easy-to-navigate channel list with a convenient search function
- Screen reader support for people with vision loss
- Free for participants with no registration required



\*Average is 40-60 ms.



## MobileConnect Station

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MobileConnect Stations are the centerpiece of an entire MobileConnect system. They receive and transmit up to two audio channels and utilize the MobileConnect App's Audience Mic talk-back feature, connecting you and your audience while improving accessibility.

- Via Dante digital audio, Stations sit across networks removing installation proximity requirements
- Offers either two Assistive Listening channels per Station or one bi-directional channel per Station (Assistive Listening & Audience Mic)
- Option of automatic channel discovery via mDNS (Standalone Mode) and DNS (Manager Mode) allowing MobileConnect App users to view and enter audio channels without the need for scanning a QR code
- Unicast audio streaming with as little as 25 ms latency\*, depending on the network and device used. Adjustable latency feature also allows to increase latency for the highest possible audio stream stability.
- Supports up to 100 clients per Station
- Two available integration modes:
  - ▶ Standalone Mode: Individual installations with a single Station
  - ▶ Manager Mode: Larger, advanced installation with multiple stations
- Audio streams are available in either mono or stereo operation
- Powered over Ethernet
- Dante and XLR compatible
- Connects to 3rd-party user control systems through Crestron, Extron, QSC plugins, or other systems using the MobileConnect API

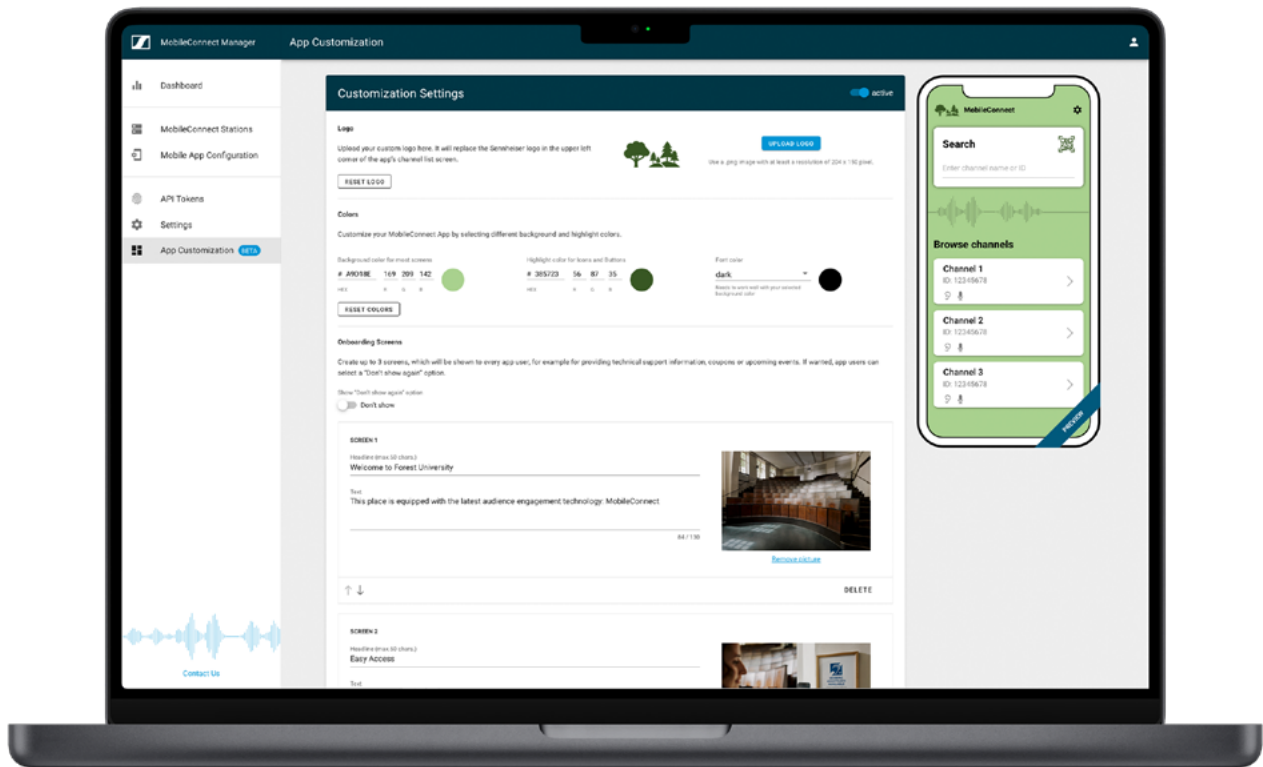
\*Average is 40-60 ms.

# MobileConnect Manager

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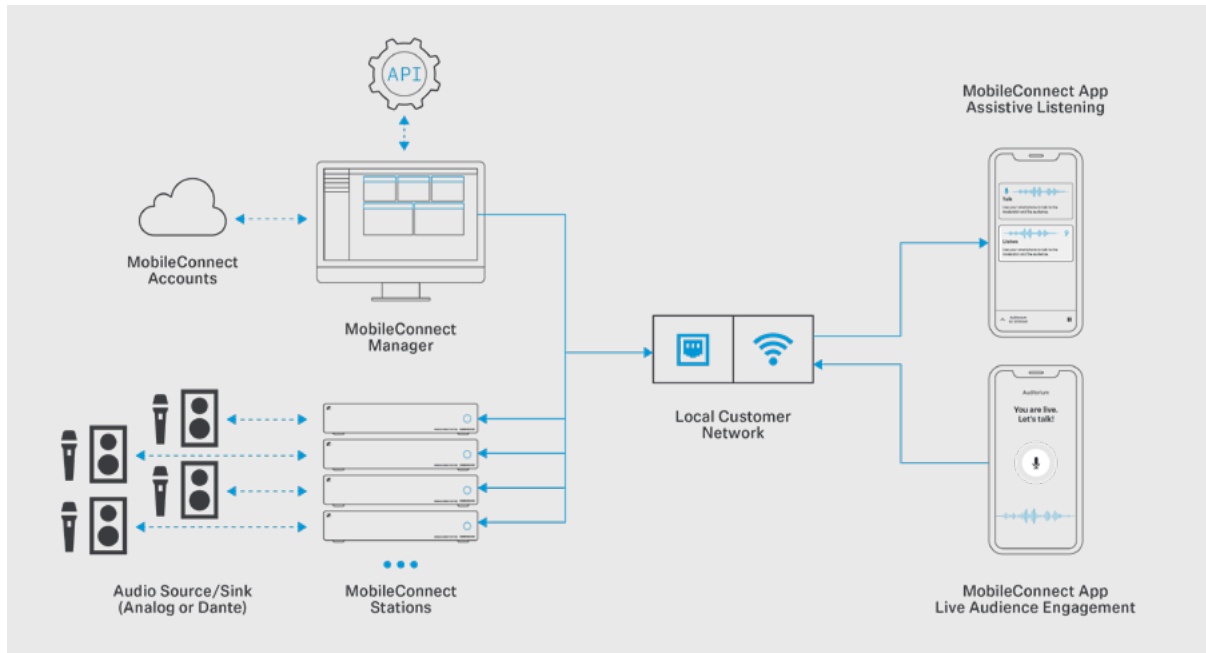
MobileConnect Manager software puts control of an entire MobileConnect network in a single, centrally managed point of administration. It is the key to unlocking MobileConnect's full scalable capabilities as a facility-wide, bi-directional audio accessibility solution.

- Centrally managed control of all MobileConnect Stations in the network
- On-premise server installation
- Available separation of streaming and control networks
- Fully scalable design by easily adding additional MobileConnect Stations
- Access to all MobileConnect capabilities, such as cloud updates, app customization, adjustable noise gate, adjustable latency, queue feature for Audience Mic and more
- Connects to 3rd-party user control systems through Crestron, Extron, QSC plugins, or other systems using the MobileConnect API
- MobileConnect API supports remote process automation
- Generate audio stream QR codes to display on room signage
- Assign individual administrator or moderator roles with different access rights
- Simultaneously supports hundreds of MobileConnect Stations
- MobileConnect Manager use is optional but unlocks system's full networking potential
- Free of charge for any MobileConnect user or operator



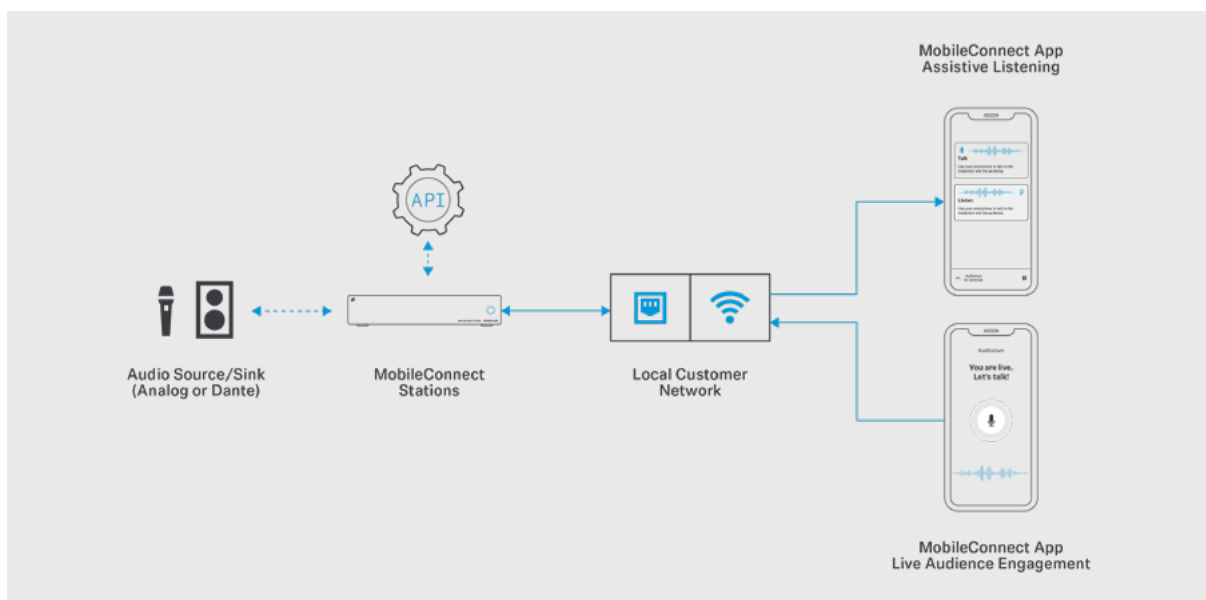
## Manager Mode

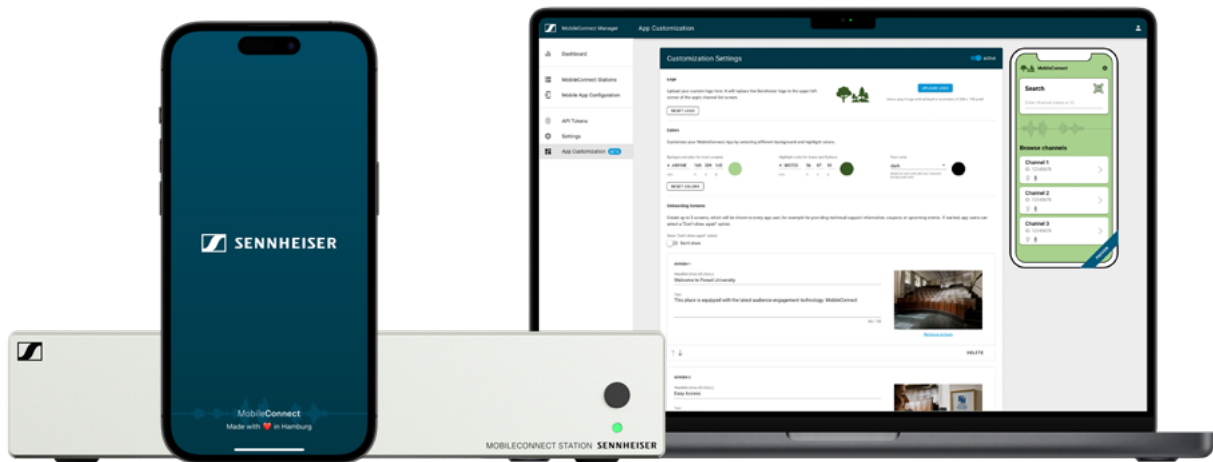
Manager Mode and the MobileConnect Manager software give the administrator complete control of all connected MobileConnect Stations. It is best suited when managing multiple stations and offers the highest degree of scalability for professional IT infrastructures.



## Standalone Mode

MobileConnect's Standalone Mode facilitates network integration when there is limited IT infrastructure. It is ideal for single-room applications and other installations with minimal scalability requirements.





## MobileConnect

### Technical data: System

Latency	40 – 60 ms (depending on network infrastructure and mobile device)
Sampling rates	48 kHz
Bitrate	128 kbps
Frequency response	40 Hz - 20 kHz
Weight	approx. 970 g
Audio input	2 x 3-pin sockets (suitable for XLR-3-F) 2 x Dante™ Digital Audio Network sockets (RJ-45) 2 x 3-pin sockets (suitable for XLR-3-M)
Power consumption	Max. 10 W
Signal-to-noise-ratio	101 db (A)
Input impedance	10 kΩ
Voltage	PoE IEEE 802.3af Class 3 (Supply voltage)
Network socket	1 x RJ-45 Control/PoE/Streaming 1 x RJ-45 Control
Temperature range	Operation: 0 °C to +40 °C (32 °F to 104 °F) Storage: -10 °C to +60 °C (14 °F to 140 °F)
Dimensions	1/2 19" housing approx. 212 x 168 x 43 mm (8.4" x 6.6" x 1.7")
Total harmonic distortion THD+N	-82 dB (A)

