

## Product Launch

# New Generation of MobileConnect



Sennheiser is pleased to announce the **next generation of the MobileConnect system!** MobileConnect is the optimal solution for campus-wide assistive listening that is adapted to the needs of the higher education market. The basic concept around MobileConnect is the ability to use an existing network for the distribution of the audio stream and a BYOD (Bring Your Own Device) approach for the user's receiver hardware.

## The Next Generation of MobileConnect

- **The MobileConnect App**
  - Enhanced UI/UX-Design
  - Improved audio handling & stream stability
  - Lower latency
  - QR-Code Scanner
  - Better Personal Hearing Assistant
  - Supports legacy MobileConnect systems and the new system
- **The MobileConnect Station**
  - ½ 19" housing
  - 100 simultaneous clients / station
  - 2 XLR inputs
  - 2 XLR outputs (for future features)
  - DANTE interface (2 inputs)
  - Power over Ethernet (PoE)
- **New Backend: MobileConnect Manager**
  - Delivery as Software container
  - On-premise server hardware
  - Administration of all Stations in the network
  - Cloud updates
  - Up to 400 Stations
  - Free of charge
- **System Advantages**
  - Complex network handling, including NAT
  - Single point of administration
  - Supports physically separated networks for streaming and administration
  - Software controlled audio resource handling
  - Enhanced security
  - Allows DNS-based service announcements
  - Supports different IP subnets with auto detection
  - Location based audio

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## Technical Specifications

### Product Properties

<b>Dimensions W x D x H</b>	approx. 212 x 168 x 43 mm (8,4 x 6,6 x 1,7 ")
<b>Weight</b>	approx. 970 g
<b>Audio inputs</b>	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)
<b>Network / Control</b>	1x RJ-45 Control/PoE/Streaming 1x RJ-45 Control
<b>Supply voltage</b>	PoE IEEE 802.3af Class 3
<b>Power consumption</b>	Max. 10 W

### XLR Connectors

<b>Frequency response</b>	40 Hz - 20 kHz
<b>Signal to noise ratio S/N</b>	101 dB (A)
<b>Total harmonic distortion THD + N</b>	- 82 dB (A)
<b>Audio inputs</b>	
<b>Input impedance</b>	10 k
<b>Max. input level</b>	without gain: 18 dBu with gain: 3 dBu

### Audio outputs

<b>Max. output level</b>	4 dBu 600
	8 dBu 200 k

### Ambient conditions

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



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## Logistics Information

Model	Item Number	Country of Origin	UPC	EAN
MobileConnect Station	508895	Germany	615104346864	4044155251715

Model	Individual Item				Master Carton				
	Weight (g)	Length (mm)	Width (mm)	Height (mm)	Carton Quantity	Weight (g)	Length (mm)	Width (mm)	Height (mm)
MobileConnect Station	970	212	168	43	5	6600	490	220	280

Model	Individual Item				Master Carton				
	Weight (lbs)	Length (in)	Width (in)	Height (in)	Carton Quantity	Weight (lbs)	Length (in)	Width (in)	Height (in)
MobileConnect Station	2.13	8.4	6.6	1.7	5	14.5	19.3	8.7	11

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## Why MobileConnect?

- Existing assistive listening solutions rely on dedicated seating zones or hardware receiver devices which implies additional efforts and barriers for hearing impaired students.
- This can also lead to stigmatization of those affected, either because they are sitting in certain places or because they are wearing eye-catching hardware.
- MobileConnect is the solution for true inclusion.
- It allows free choice of seats as the speaker's audio can be accessed via the MobileConnect App on the user's personal smartphone.
- Having a familiar device avoids all operating uncertainties and in addition ensures compatibility with all personal hearing aids.

## Target Groups

- Higher Education
  - Education
  - Corporate
  - Government

## Application

- Presentation/Lecture
- Meeting
- Podium Discussion

## Marketing Materials

- Marketing materials are available for download on the [Sennheiser Brandzone](#).