SAVES TIME.
YOURS.
LSP 500 PRO

Hassle-Free Wireless Integrated Professional Audio System

SENNHEISER

Fresh Solutions to Public Address.

When convening audiences with professional sound you often are constrained to certain factors. Technical specifications, audience sizes, spatial arrangements and, last but not least, time and cost pressure require detailed planning for each and every venue. In spite of this, almost every set-up situation poses last-minute problems that necessitate workarounds.

Once the show is on, it's your job to serve pristine sound. Different input sources and diverse live situations call for your attention. Usually you're tied to a mixing console in one spot – so to keep the mix in control and the show in flow you're often required to compromise.

Sennheiser now offers an integrated PA system like none before. LSP 500 PRO – it's a real game changer: Imagine a set-up scenario where things work seamlessly together. Imagine a complete event under remote control. From intro to outro...

SENNHEISER

GET READY
TO GO PRO
LSP 500 PRO

1

2

3

1 SET-UP IN A SNAP.

Time is money. Period. LSP 500 PRO will be set up significantly faster and easier than other PA systems. No cords, no kludges, no compromise. Sound presets and EQ guarantee quick audio set-up, input mixing and output recording.

2 POWERFUL, PORTABLE & IPAD-CONTROLLED.

Once the LSP 500 PRO is in service, you control the complete system with the swipe of a finger. Input sources, sound mixing, playlist management and live recording are all done via iPad. You're free to move around the venue at any time while keeping the performance under convenient control.

3 FREE FROM THE HASSLE.

LSP 500 PRO is completely scalable even to sizable audiences and large events. Whether your job needs 2 or 20 speakers – LSP 500 PRO will deliver. Invest in a future proof PA system with unlimited expandability. For maximum effect without all the hassle.

SENNHEISER

1 SET-UP IN A SNAP.

1 EASY DOES IT.

Whether big ballroom event or small sales show – the LSP 500 PRO is conveniently set up by one person alone. Each LSP 500 PRO is easy to handle. A dedicated trolley bag will ease transport and storage one more time.

2 DROP THE CABLE.
EXPAND YOUR OPTIONS.

Modular in nature and truly wireless by design this system offers total freedom from hard-wired cables. Simply set up your own WLAN and every box on location will automatically connect in a secure way.

3 SEAMLESS INTEGRATION.
MAXIMUM EFFECT.

The whole system consists of genuine Sennheiser components. Everything will work together tightly and in full Sennheiser quality. This one system will meet all your application needs.

SENNHEISER

1 UNBOUND AND IN CONTROL.

Don't be bothered by technology or bound by spatial limitations. LSP 500 PRO will liberate you completely. You will not be fixated to a mixing console but free to either move through the venue to check the sound or to stand by discreetly, controlling volume and other settings via iPad.

2 CONTROL THE VENUE. WITH THE SWIPE OF A FINGER.

Any LSP 500 PRO system set-up can be configured via iPad. Once the show is on, you control status, sound and input sources in real time via your mobile device.

3 ONE SYSTEM. ALL OPTIONS. REMOTE CONTROLLED.

Up to three wireless microphone links, Bluetooth music streaming and built-in USB player / recorder deliver optimum audio connectivity and flexibility.

SENNHEISER

3

1

2

1 EASE UP ON
THE PLANNING.

Its modular and integrated design sets LSP 500 PRO apart from any other wireless PA. Regardless of 2 or 20 speakers – the whole system is set up and managed by one person easily. The number of components is considerably reduced compared to conventional wired or wireless PAs.

2 A STRESSLESS
INVESTMENT.

Forget surprises. Stay smooth over each and every single facet of the jam. (You will even avoid the perpetual nagging over "cable-free" escape routes, since there ARE no cables.) LSP 500 PRO will be a huge asset: Your stress level will be reduced significantly. Plus you will save time. And, last but not least, money.

3 HOT-SWAPPABLE.
UNSTOPPABLE.

The LSP 500 PRO is dual battery powered. In case battery power runs low, you will be alarmed via iPad. Battery replacement is convenient – simply hot-swap even during live operation. Every LSP 500 PRO will be permanently on duty, if need be.

SENNHEISER

The Box. Technical Specifications.
Expanded Options.

The LSP 500 PRO comes in a rock solid housing with integrated handle. Its sleek sturdy design fits every location and a wide range of applications. The Box also features an advanced user interface. Jog dials and a high contrast OLED display give intuitive feed-back and control.

HOUSING

Dimensions WxHxD:
290 x 550 x 320 mm
(11.42 x 21.65 x 12.60")

Housing Material:
Coated plywood construction

Stand Receptacle:
Diameter 36 mm (1.42"),
Angle adjustable up to +/- 14°
in 4.5° steps

Weight:
approx. 13.6 kg (30 lb.)
w/o wireless receivers

Colour:
black

ACOUSTIC

Acoustic Design:
2-way, closed box design

Drivers:
8" woofer, 3/4" compression
driver, passive crossover

Sound Pressure Level:
110 dBSPL (10 % THD, fullspace)

Frequency Response:
65 Hz - 18 kHz (-10 dB)

Dispersion HxV:
80°x60° (-6 dB)

POWER SUPPLY

Mains connection:
90-240 VAC, 50-60 Hz

Battery:
2x Lithium Ion 14.4 V / 4.4 Ah

Operating time approx.:
up to 8 h

Charging Time:
approx. 2.5 h/battery;
5 h for two batteries

Operating temperature:
0° C to 50° C

SOUND PROCESSING

Amplifier:
Class D

Output Power:
55 W continuous;
120 W peak

Audio Connectivity.
All In.

Premium performance and the pursuit of
perfect sound: up to 3 wireless microphone links,
music streaming via Bluetooth, built-in music
player/recorder for USB devices.

1 ⊟ Slot 1

2 ⊟ Slot 2

3 ⊟ Slot 3

Bluetooth

WLAN

CORRESPONDING
TERMINALS

1 ▶ ♪	2 ▶ ♪	USB	♪ ▶	LIFT Ground	▶ Link IN	Link OUT ▶
Microphone IN Line IN	AUX IN	USB	Line OUT	LIFT Ground	Link IN	Link OUT

SENNHEISER   LSP 530 PRO

SENNHEISER
STEREO TRANSMITTER
543.200 MHz
Standard   -18 dB

SENNHEISER
TRUE DIVERSITY RECEIVER
736.000 MHz
+15 dB

SENNHEISER
TRUE DIVERSITY RECEIVER
670.000 MHz
+15 dB

SENNHEISER

Audio Connectivity.
All In.

1 ▦ SLOT 1

1/2 19" 1U for wireless receiver
DC Connector: Hollow Jack Plug,
Pin 1.7 mm, Sleeve 5.5 mm
Input Connector: 6.3 mm Jack Plug
Input Level: max. 12 dBu
Input impedance: 10 kOhm
Output Connector: XLR-3 M
Output Level: max. 16 dBu;
nominal 4 dBu
Data Connector: RJ 45
Adjustable sensitivity
Sound presets: Speech, Vocal, Flat

2 ▦ SLOT 2

1/2 19" 1U for wireless receiver
Adjustable sensitivity
Sound presets: Speech, Vocal, Flat

3 ▦ SLOT 3

1/2 19" 1U for wireless receiver
Adjustable sensitivity
Sound presets: Speech, Vocal, Flat

WLAN
(Remote Control)

WLAN connectivity to WLAN
access point
Remote Control App for iPad
controls up to 20 LSP 500 PRO
(Android about to come)
IEEE 802.11b/g

BLUETOOTH
(Wireless Connectivity)

A2DP with ATPX
(Audio Streaming)

1 ▶ AUX IN 1
(Wired Input)

XLR-3F; 6.3 mm combo socket
Input voltage range:
XLR-3F max. -22 dBu, -2 dBu
(20 dB Switch); nominal -34 dBu, -14 dBu
(20 dB Switch) Input voltage range
6.3 Jack max. 4dBu ; nominal -7,5 dBu

2 ▶ AUX IN 2
(Wired Input)

RCA stereo socket
Input voltage range:
max. 14 dBu;
nominal 2 dBu

USB

USB 2.0; Media player:
mp3, wav, wma, aac, flac;
Media recorder: wav

LINE OUT

RCA stereo socket
Output level: max. 14 dBU;
nominal 2 dBu

LINK IN

XLR-3F
Input voltage range:
max. 16 dBu;
nominal 4 dBu

LINK OUT

XLR-3M
Output voltage level:
max. 16 dBU;
nominal 4 dBu

The LSP 500 PRO App
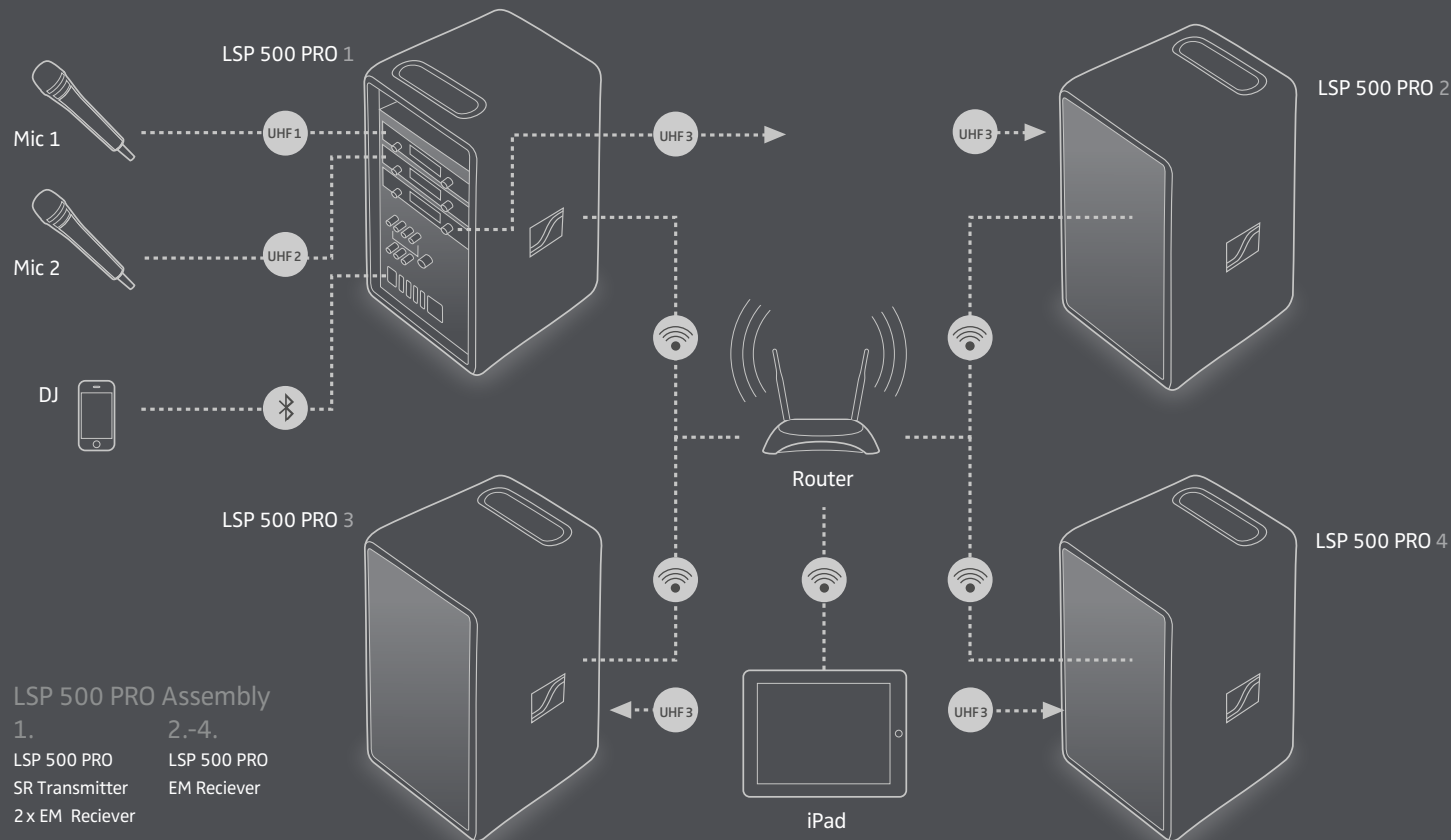## App-solutely everything under control.

The App is a dramatic upgrade in PA control: LSP 500 PRO's essential features are accessible via iPad.

All LSP 500 PRO speakers within the same network can be arranged and grouped to your specific needs. Control single speakers, groups or the complete system! Fine-tune individual settings and check the status.
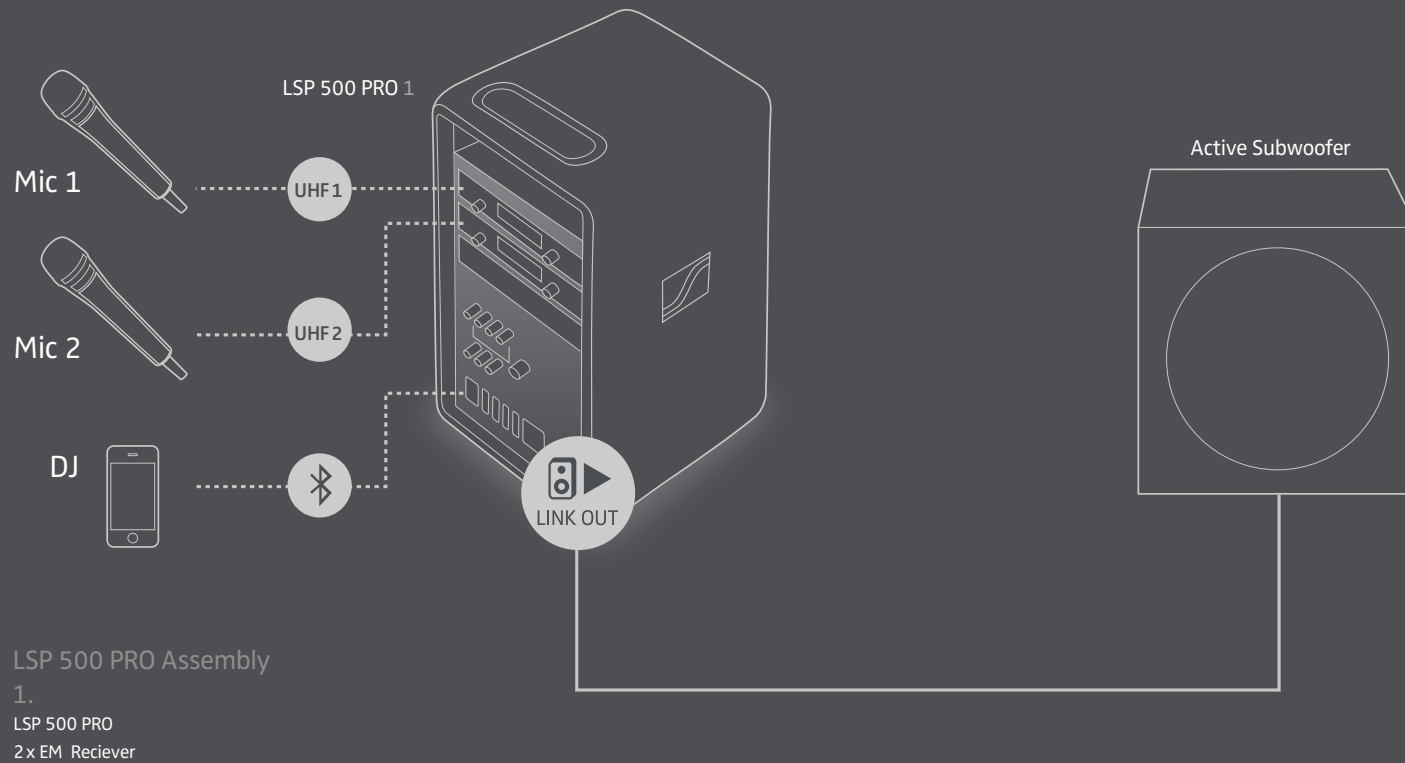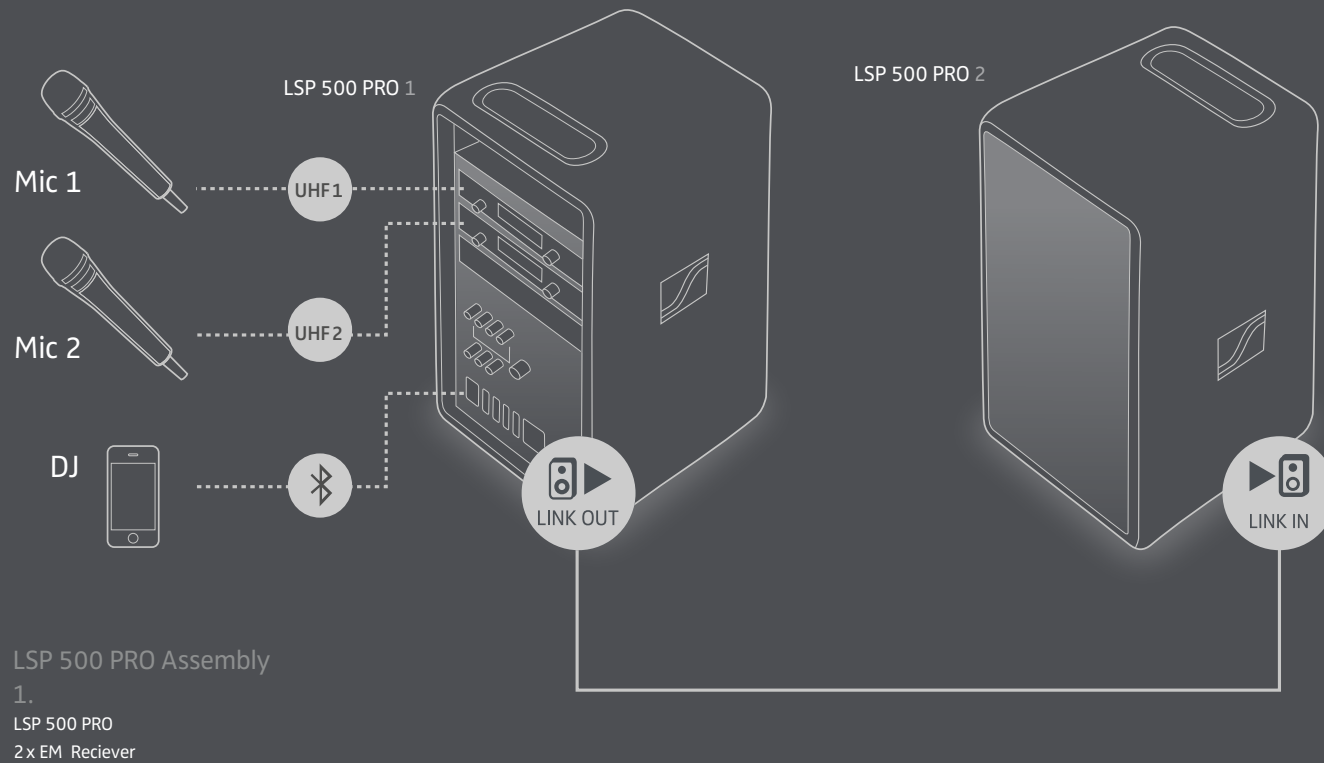
Set-Up Scenarios.
Wireless. Flexible. Scalable.

LSP 500 PRO 1

LSP 500 PRO 2

Mic 1 — UHF 1

Mic 2 — UHF 2

DJ — ✳

UHF 3

UHF 3

Router

LSP 500 PRO 3

LSP 500 PRO 4

LSP 500 PRO Assembly
1.   2.-4.
LSP 500 PRO   LSP 500 PRO
SR Transmitter   EM Reciever
2 x EM Reciever

UHF 3

UHF 3

iPad

APPLICATION EXAMPLE 1: Two wireless microphone inputs plus one Bluetooth input for the DJ. All inputs are mixed on speaker 1 and wirelessly distributed to speaker 2 to 4. All LSP 500 PRO speakers within the same network – single speakers, groups or the whole system – are iPad controlled.

SENNHEISER

Set-Up Scenarios.
Wireless. Flexible. Scalable.

LSP 500 PRO 1

Active Subwoofer

Mic 1

UHF 1

Mic 2

UHF 2

DJ

LINK OUT

LSP 500 PRO Assembly
1.
LSP 500 PRO
2 x EM Reciever

APPLICATION EXAMPLE 2: A small set-up with lots of bass here: Two wireless microphones and one Bluetooth music player are mixed on speaker 1. To add more low end, speaker 1 LINK OUT is configured to serve audio for an optional subwoofer.

SENNHEISER

Set-Up Scenarios.
Wireless. Flexible. Scalable.

LSP 500 PRO 1

LSP 500 PRO 2

Mic 1 ······ UHF1

Mic 2 ······ UHF2

DJ ······ ✳

LINK OUT

LINK IN

LSP 500 PRO Assembly
1.
LSP 500 PRO
2 x EM Reciever

APPLICATION EXAMPLE 3: A set-up for talk and pumpin' stereo: Again, two ew 500 wireless mics and one Bluetooth music input are being mixed on speaker 1. The music is split into stereo channels – speaker 1 LINK OUT serves the right stereo channel to speaker 2 LINK IN.

SENNHEISER

TCO
LSP 500 PRO directly impacts the total cost of ownership with its money-saving features. Do the maths for yourselves…

up to
70%
LESS SET-UP TIME

The system will operate completely wirelessly. Simply arrange LSP 500 PRO on venue, switch it on and control all settings via iPad. Reduce the set-up time by up to 70% and significantly cut down your labour costs.

up to
70%
LESS ADDITIONAL EQUIPMENT COSTS

Minimize, even eliminate investments in auxiliary equipment like amplifiers, mixing consoles, cables & cords. LSP 500 PRO will grow with your needs while lowering equipment and operational costs.

up to
40%
LESS TRANSPORTATION EFFORT

Consider how often you move your PA. LSP 500 PRO is truly an integrated all-in-one system with optimum portability and storability, regardless of how many speakers you use. Your benefit: up to 40% less transportation effort.

Calculate your TCO Advantage
www.sennheiser.com/lsp-500-pro/tco

SENNHEISER

Corporate.
Fast performance.

''A company meeting, all hands, short notice. 650 people in a multi-purpose hall. Start at 2:30 pm. Set-up no sooner than 90 minutes prior, since the space is occupied until 1 pm. Seems like a tough call? To us at Medientechnik Hannover it seemed like an ideal setting for the LSP 500 PRO. We set up eight speakers in a 4 x 2 array, line two to four utilizing LSP 500 PRO's built-in delay. Added one wireless microphone for the podium and in less than an hour we were done. With LSP 500 PRO, set-up time and system management are a real snap – even with a lack of time.''

Alexander Birkl
Medientechnik Hannover

SENNHEISER

Event.
At the top. In the underground.

''We at Bärlin Team Eventdesign found our very first LSP 500 PRO field test to be a huge success. The Berliner Verkehrsbetriebe (BVG), Europe's biggest and most modern public transportation company, entrusted us with the final presentation of an innovative project. For this end a complete subway station – Berlin Alexander-platz, right in Berlin/Mitte – was transformed into a stage. We used four LSP 500 PRO speakers; one master plus three slaves, two of which employed LSP 500 PRO's onboard delay. Two wireless microphones were connected to the master speaker via UHF-transmitter. Background music was played using the embedded MP3 player. Another audio signal from the video server was added to the mix via LSP 500 PRO's AUX IN. And via AUX OUT we delivered audio footage to press agents. We operated the system with the iPad App, so there was no need at all for an external mixing console. To sum up: The whole event went perfect, not least due to LSP 500 PRO's flawless performance, excellent connectivity and absolute reliability.''

Dan Wittke
Bärlin Team Eventdesign GmbH

SENNHEISER

Accessories.
Roadworthy and Reliable.

Authentic LSP 500 PRO Accessories from Sennheiser. These official add-ons are tailor made and offer extra protection, enhanced portability or totally different look. Protect your investment or style it to fit your needs.

STRETCH COVER

You need a PA that blends perfectly and discreetly with your surroundings? Put on some fresh white for a cleaner appearance. Simply equip your LSP 500 PRO with these acoustically translucent, light-weight stretch covers to achieve an unobtrusive, bright white look.

RUGGED COVER

The official protective cover for the LSP 500 PRO. Protect your investment from wear and tear. A rugged, heavy-duty, weather-resistant cover made from lightweight ballistic nylon material that fits like a glove. For outdoor operation and secure transport. Padded for added protection.

TOUR TROLLEY

A heavy-duty trolley bag for superior protection and convenient handling. This sturdy yet soft and thick padded transport trolley keeps your LSP 500 PRO safe when on the go. A reinforced retractable extension handle makes the system extremely portable. Comes in a neutral black design with large extra pockets on the outside and contrasting white Sennheiser logo.
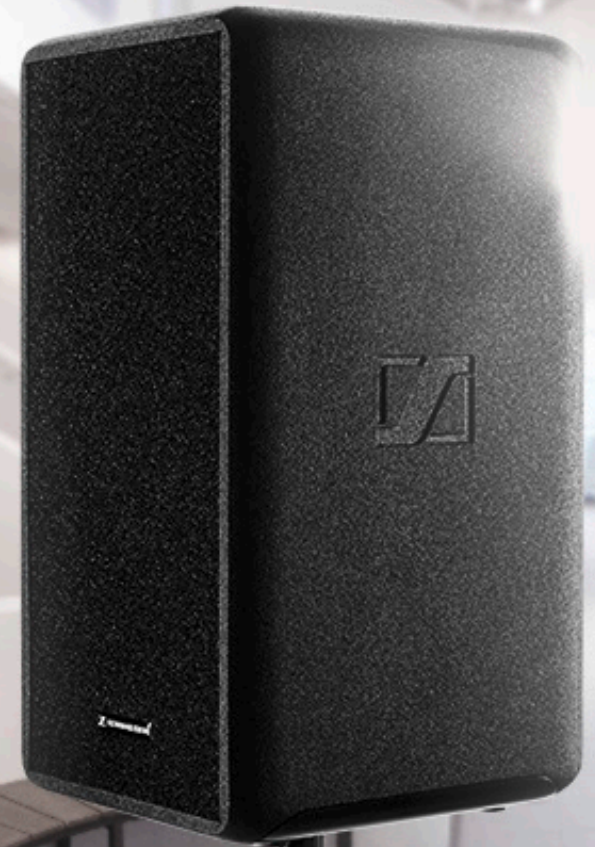
SENNHEISER