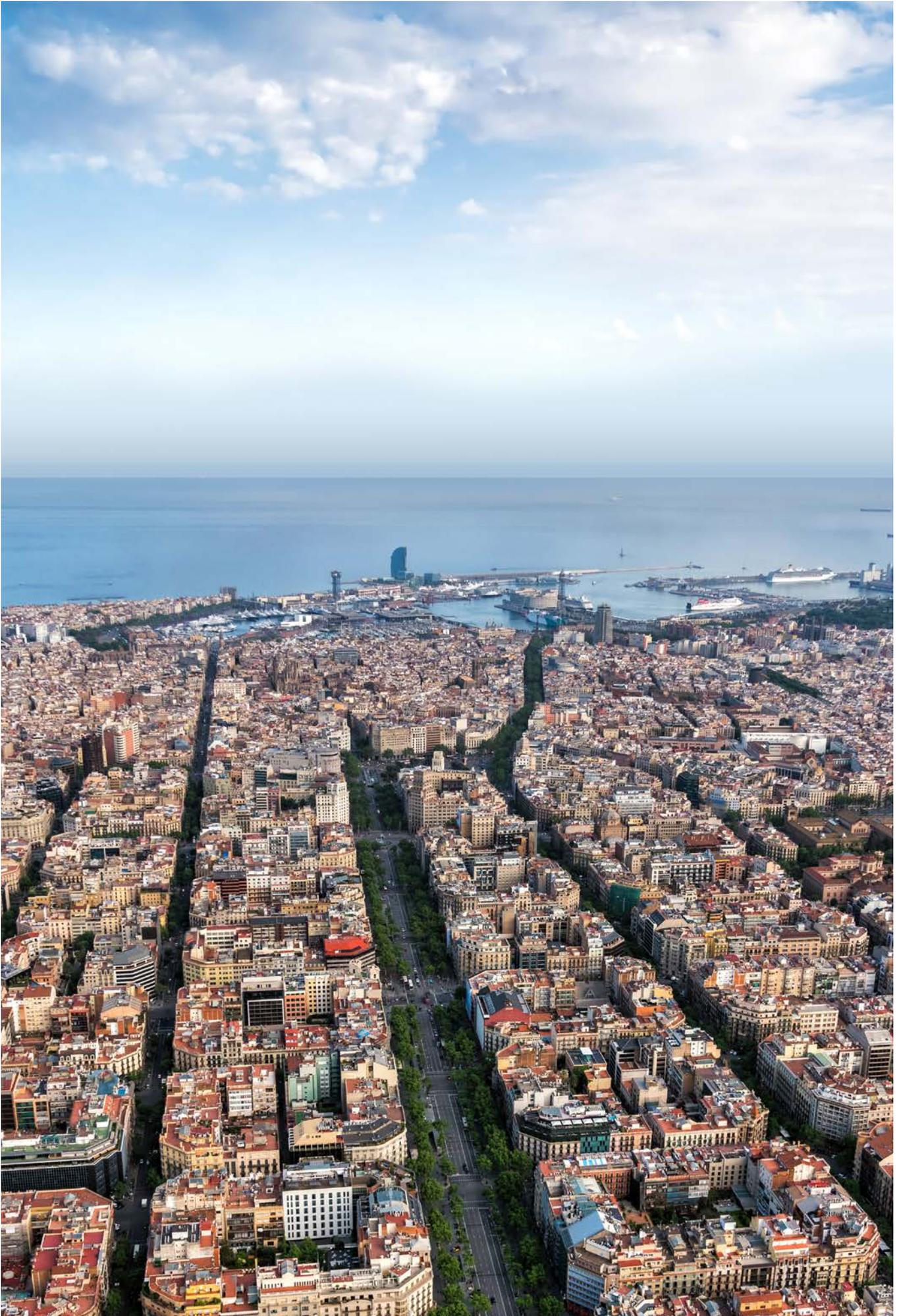




PRODUCT OVERVIEW

MARCH 2026





Since 1972

At Amate Audio, we have been engineering and manufacturing professional audio equipment in Barcelona for more than 50 years, dedicated to performance, reliability, and functional design.

Throughout that time we have been at the forefront of innovation in professional sound, pioneering the use of numerous new technologies and creating groundbreaking designs. Our current portfolio of advanced sound reinforcement systems offers the very highest standards of performance and functionality for use in the most demanding application environments.

Juan Amate, the founder of our company, began this legacy in 1972. His vision was to design and build innovative power amplifiers and PA loudspeaker cabinets. Amate Audio is now a second-generation family company under the leadership of Juan's sons, Joan, as President and Chief Technical Officer, and Jordi, as International Sales Manager, continue to drive the company forward, upholding our commitment to innovation and quality. Joan Amate leads R&D and engineering teams; their collective endeavour is the design and development of speaker systems that exceed the performance expectations.

“Our focus has always been on continuous learning, adapting to new technologies, and meeting industry needs.”

Our approach to product design reflects a deep understanding of the intricacies of sound. We strive to combine high-quality electroacoustic components with advanced power and control technologies, all within acoustically engineered enclosures.

This meticulous attention to detail is evident in our tightly controlled manufacturing process. Our integrated facilities, equipped with modern anechoic chambers, are pivotal in maintaining our high standards of quality and performance.

Amate Audio's first 50 years have been distinguished by a succession of industry innovations and firsts. These include early implementation of signal processing in active loudspeaker systems and power amplifiers, and the first example of integrated computer control and monitoring in a line-array; the company's very first design of the type.

Today our product portfolio encompasses the full spectrum of professional sound reinforcement applications with industry leading designs in every product class; from proprietary injection-mould commercial audio loudspeakers to stadium filling line arrays. The range includes both self-powered, active systems and passive systems, powered and controlled by our range of outboard lightweight, high efficiency amplifiers and powerful DSP controllers.

“With over 50 years of experience, the history of the company is marked by being always at the forefront of innovation.”

With a history spanning decades, Amate Audio is poised to continue our tradition of excellence. Our history is not just a record of past achievements but a foundation for future advancements. We are committed to providing sound solutions that not only meet but anticipate the needs of our clients. With user-friendly digital controls and networking capabilities, our advanced loudspeaker systems are designed to deliver superior audio experiences, today and into the future.

Over five decades of achievement

1972

A new era of sound:

In 1972 Juan Amate transformed his passion for designing and building PA systems into a commercial enterprise. At the same time new bipolar transistor circuits were enabling development of far more efficient, higher power, higher performing power amplifiers, allowing the design of bigger, better sound systems.

80's

Onboard electronics:

Amate Audio designs the first power amplifiers with integrated clip limiters (AD series), introducing a new feature that would soon become a standard. World's first 3-channel (2.1) power amplifier with built-in active signal processing and crossover (Triphonic).

MD cluster array (90's)





XA211 line array speaker system (2023)

90's

Self-powered PA and signal processing power amps:

First Amate Audio active self-powered PA systems (AT350 - A400SW). World's first power amplifier series with mains 400 VAC electronic overvoltage protection and selectable signal processing cards for different loudspeaker systems (DPU series).

“From the beginning, my passion was to bring the beauty, power and nuance of musical performance closer to the listener, in the most natural way possible”

- Juan Amate
CEO & Founder

00's

Beyond active:

The rise of high efficiency, higher rated self-powered active PA systems with Class D amplification, like the Amate Audio MA210, the world's first line array with onboard digital signal processing (DSP) and computer remote control (MA series).

10's

The Xcellence years:

Xcellence, a premium series of active self-powered, sound reinforcement systems with onboard DSP, Ethernet / Wi-Fi control, offering unparalleled levels of quality, performance and operational efficiency.

20's

Xcellence, Nitid, Active+ and the next decade:

New implementations of our unique touchscreen power & control technologies provide higher orders of system management, feature intelligent pre-set 'sound design' capabilities that automate manually intensive processes by systematically configuring amplifier gain, crossover and limiter settings according to application. Together with high-order FIR filtering, for absolute phase coherent PEQ adjustment and cabinet and delay line alignment, and digital audio networking, these ensure superior resultant performance and massively reduced deployment time, and are revolutionising the roles of system engineer and installer.

Combined with the continuous evaluation and optimisation of electro-acoustic components, within proprietary wooden and injection-mould enclosures, we continuously achieve even better performance from ever more compact, aesthetic designs.

Driven by technology, defined by innovation

At Amate Audio, we understand that the synergy of research, collaboration, and advanced technology is fundamental to our success.



Chamber of Commerce
2009 Innovation Award

In our Research and Development department, a team of engineers and researchers painstakingly works towards perfecting our sound systems; integrating the latest processing technologies and acoustic components, in designs that provide innovative solutions and exceed performance expectations.

**Awarded as
“Innovative SME”
by the Spanish government.**



INNOVATIVE SME

orbital.40
Science and Technology Park of Terrassa



MD212 and MD218 processed speaker system (1993)



X102FD point source system (2020)

Our leading-edge testing laboratory is at the forefront of our innovation, where new design concepts are born and undergo rigorous quality control and product analysis. Our facilities are equipped with two anechoic chambers, ensuring that we consistently achieve the highest standards of performance. One chamber is devoted to meticulous quality control, while the other is a hub of research, recognized as one of the most advanced in Europe. Its size, automation, and control systems have won us the Innovation Award from the Terrassa Chamber of Commerce in both 2009 and 2017.

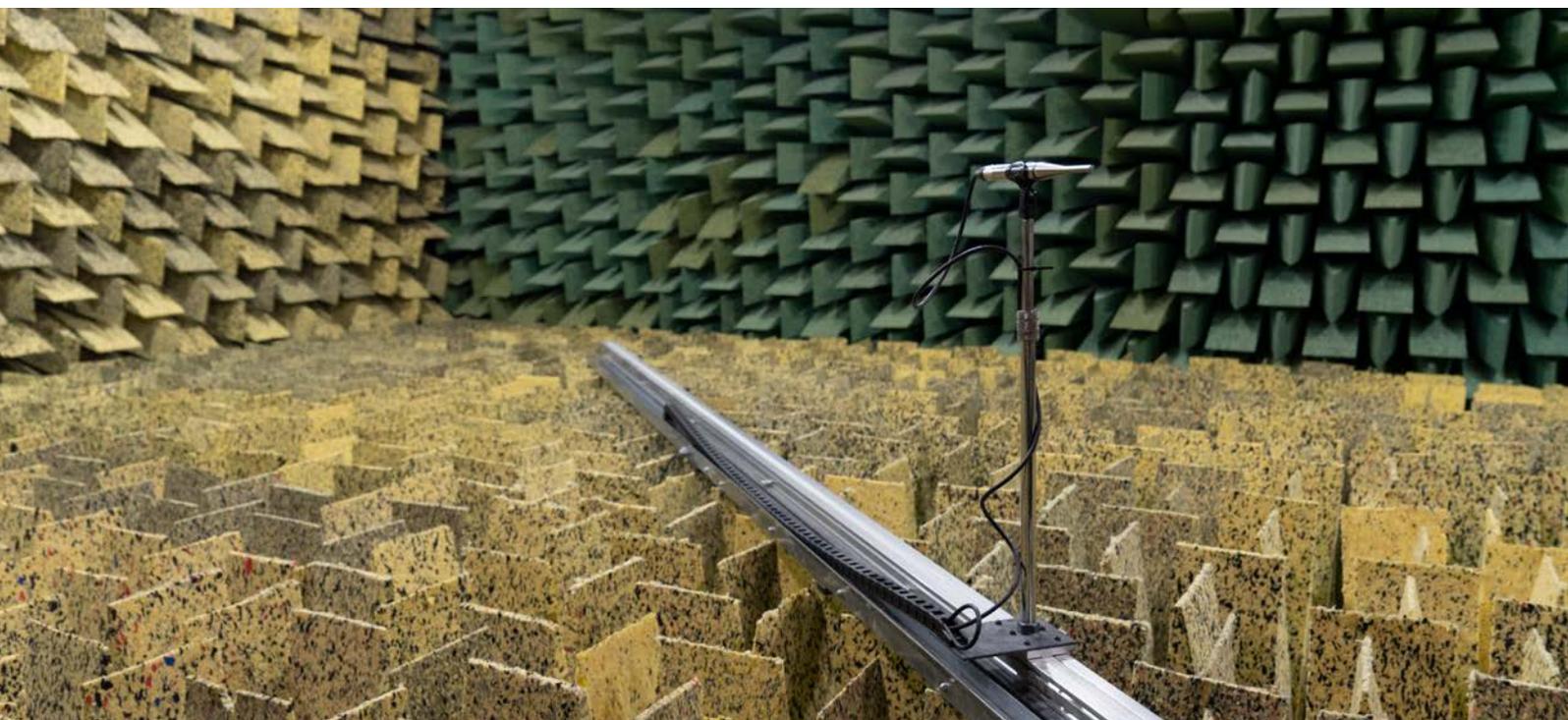


Amate Audio's dedication to pioneering new methods and technologies has been officially acknowledged as "Innovative SME", a distinction reserved only to companies that demonstrate the highest level of innovation in their projects. This recognition, awarded by the Spanish government, reaffirms our relentless pursuit of excellence and our ambition to lead the industry as innovators.



X212AFD three-way line array speaker system (2019)

The R&D 400m³ anechoic chamber



Product design

We evaluate every performance and operational parameter, every response characteristic, the ergonomics of handling and usability, strength and reliability – in withstanding the most severe conditions and extreme handling – and the suitability, sourcing and sustainability of different materials.

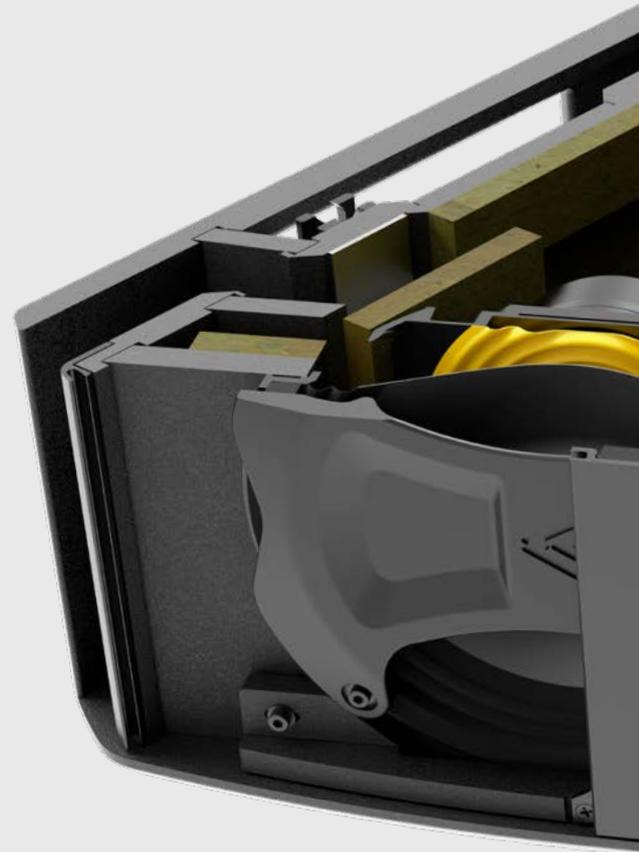
In developing exceptional sound reinforcement systems, our aim is to fulfil the demands and expectations of all who will use or be entertained by them; engineers and technicians, artists and audiences, dinners and clubbers, theatre goers, festival and stadium crowds. Our mission is to wow them all.

Day-to-day R&D activity involves constant trials and testing of the application of materials and components, to determine the highest possible levels of electronic and acoustic performance, within pro audio specific application design requirements.

The realisation process for a design project sees the product concept rendered in 3D modelling and the construction of several prototypes to be comprehensively tested under all applicable circumstances.

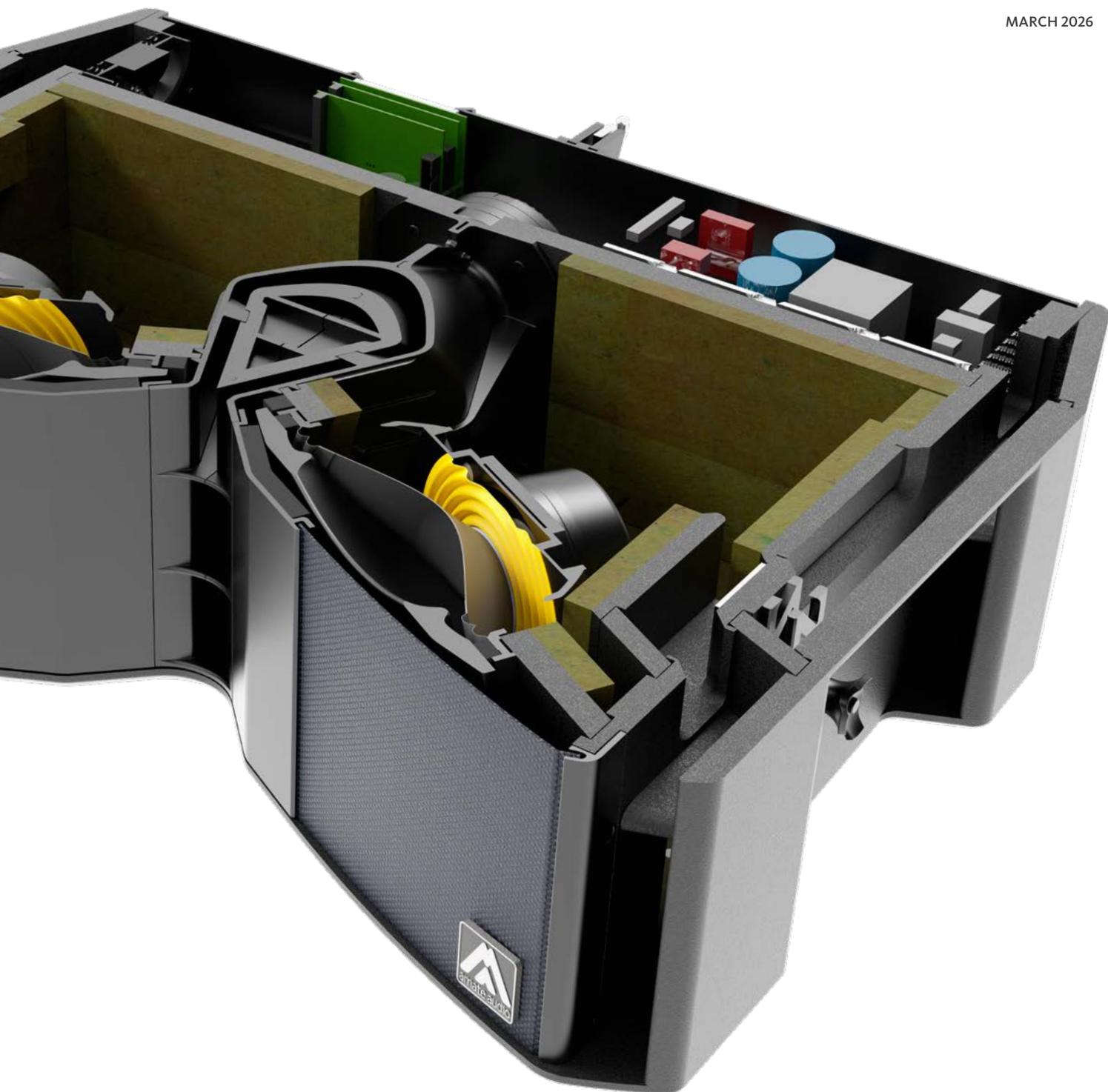
Smart design is key for us

The same meticulous process is applied to the development of our market leading design features, be it our proprietary HF waveguides, touchscreen technology, or advanced digital signal processing platform.



X102FD rear-panel touchscreen (2024)





XA211 inside view render (2023)

We collaborate closely with experts from universities and technology centres in many fields of engineering development, allowing us to continually acquire knowledge of the latest experimental research in acoustics, electronics and design. And, thanks to its in-company product development skills, Amate Audio also offers consultancy and product customisation for specific client applications.

Our products must deliver optimal acoustic performance while simultaneously enabling the greatest possible ease of use and successful application.

XCELLENCE

Amate Audio's response to the challenge of creating high-end products, a compromise to deliver our best and share with you our passion, the search for the best sound.



Waveguide engineering for controlled, long-throw performance

Proprietary isophasic waveguide designs developed by Amate Audio to deliver consistent amplitude, precise phase alignment and controlled long-throw behaviour. Loaded with multiple neodymium drivers, each waveguide assembly is specifically engineered for line array applications, ensuring accurate high-frequency reproduction and uniform vertical dispersion with minimal side-lobe interaction.

Long-term reliability

Xcellence amplification platforms integrate advanced overvoltage protection systems designed to safeguard electronics and transducers. By continuously monitoring incoming mains voltage, the system ensures safe operation and prevents damage caused by spikes, fluctuations or improper power supply.

This protection ensures reliability and protects the system when external power conditions are far from ideal.

Design driven by function

Every enclosure is designed with a clear focus on usability, durability and long-term performance.

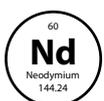
From precision-made ergonomic handles to robust metallic grilles, each element serves a functional purpose: improving handling, protecting components and ensuring reliable operation in touring and installation environments. The result is a refined industrial design that performs as well as it looks.

Custom-engineered components

Xcellence is engineered using bespoke components developed specifically for each enclosure design.

Custom neodymium transducers, waveguides, horns, control electronics and user interfaces are carefully optimised to work as a coherent system.

Such integration allows Xcellence to achieve exceptional efficiency, consistency and performance, setting a reference standard within high-end professional sound.



LIGHT NEODYMIUM
COMPONENTS



> 250 V
OVERVOLTAGE
PROTECTION

 Dante®
 Act*ve

Customised control

A unique touchscreen control concept in professional sound systems

Amate Audio stands out in the professional audio market by integrating a full-colour touchscreen interface directly into every active enclosure.

This distinctive approach provides immediate, cabinet-level access to system parameters and monitoring, redefining how control and interaction are handled in professional sound reinforcement.

Combined with DSP Studio®, the touchscreen interface forms a unique control ecosystem that blends local, hands-on operation with comprehensive remote system management.

DSP Studio® control software

DSP Studio® provides centralised control of Xcellence systems, allowing key parameters such as gain, delay, polarity, limiters and parametric EQ to be adjusted remotely from a PC or Mac.

Multiple systems can be managed simultaneously using grouping functions, while real-time monitoring provides detailed feedback on amplifier status, temperature, signal levels and protection activity; ensuring full control and operational confidence.



REAR PANEL TOUCHSCREEN
GUI OPERATION



DSP STUDIO CONTROL APP
FOR WINDOWS AND MAC
*VIEW PAGE 24-25



2 × 8” Stage Monitor / Point Source

NEW PRODUCT

XM82

Self-powered



2 × 8” BI-AMPLIFIED ACTIVE TWO-WAY

3000 W · 64-bit DSP · FIR filters

Ethernet connectivity · Built-in DSP · Presets ·
Touchscreen · Neodymium transducers

Dante® **Act*ve**



Amplifier Power: 2500 W (LF) + 500 W (HF) Class D Bi-amp

Frequency Response (-10dB): 70 Hz - 19 kHz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 132 dB (musical program)

Coverage (-6dB): 50° to 100° (H) × 55° (V)

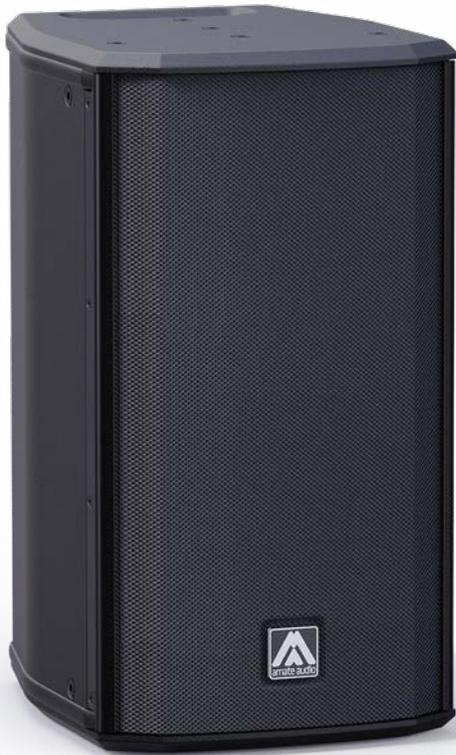
Dimensions (H×W×D): 345 × 490 × 530 mm

Weight: 20 kg



10" Point Source

NEW PRODUCT



X10FD

Self-powered



10" BI-AMPLIFIED ACTIVE TWO-WAY

1000 W · 64-bit DSP · FIR filters

Ethernet connectivity · Built-in DSP · Presets ·
Touchscreen · Neodymium transducers

Dante® Act*ve

Amplifier Power: 800 W (LF) + 200 W (HF) Class D Bi-amp

Frequency Response (-10dB): 53 Hz - 19 kHz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 128 dB (musical program)

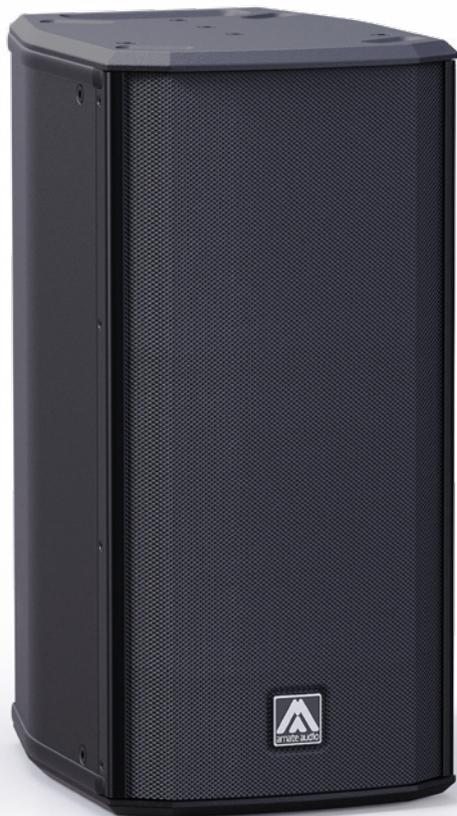
Coverage (-6dB): 50° to 100° (H) × 55° (V)

Dimensions (H×W×D): 554 × 303 × 370 mm

Weight: 19 kg



2 × 8" Point Source



X82FD

Self-powered



2 × 8" BI-AMPLIFIED ACTIVE TWO-WAY

3000 W · 64-bit DSP · FIR filters
 Ethernet connectivity · Built-in DSP · Presets ·
 Touchscreen · Neodymium transducers

Dante® Act*ve

Amplifier Power: 2500 W (LF) + 500 W (HF) Class D Bi-amp

Frequency Response (-10dB): 68 Hz - 19 kHz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 134 dB (musical program)

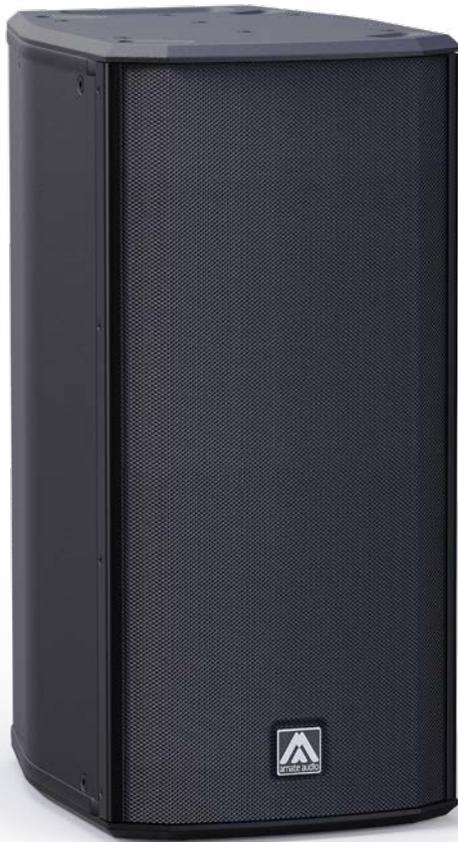
Coverage (-6dB): 80° (H) × 60° (V)

Dimensions (H×W×D): 624 × 303 × 402 mm

Weight: 23 kg



2 × 10" Point Source



X102FD

Self-powered



2 × 10" BI-AMPLIFIED ACTIVE TWO-WAY

3000 W · 64-bit DSP · FIR filters

Ethernet connectivity · Built-in DSP · Presets ·
Touchscreen · Neodymium transducers

 Dante®  Act*ve 

Amplifier Power: 2500 W (LF) + 500 W (HF) Class D Bi-amp

Frequency Response (-10dB): 58 Hz - 19 kHz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 136 dB (musical program)

Coverage (-6dB): 80° (H) × 60° (V) rotatable horn

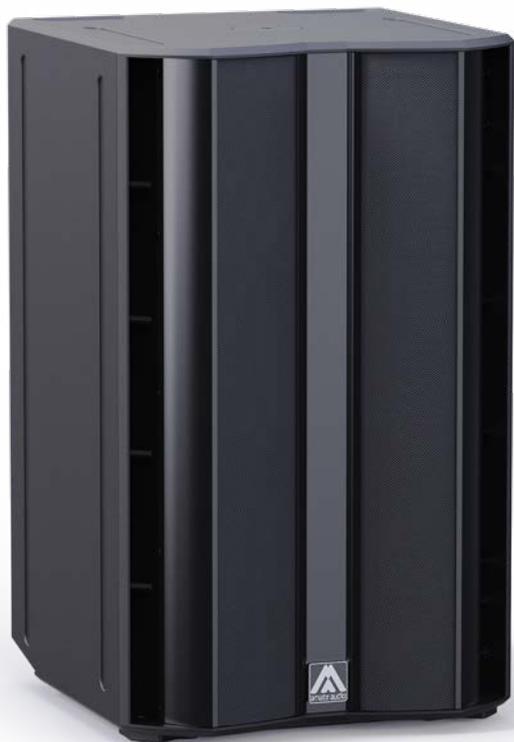
Dimensions (H×W×D): 704 × 330 × 460 mm

Weight: 28 kg



2 × 15" Subwoofer

NEW PRODUCT



XW215

Self-powered

2 × 15" ACTIVE SUBWOOFER



2500 W · 64-bit DSP · FIR filters

Ethernet connectivity · Built-in DSP · Presets ·
Touchscreen · Neodymium transducers ·
Cardioid presets included

Amplifier Power: 2500 W Class D

Frequency Response (-10dB): 32 Hz - 140 Hz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 135 dB (musical program)

Coverage (-6dB): Omnidirectional

Dimensions (H×W×D): 1038 × 630 × 620 mm

Weight: 65 kg



18" Subwoofer

XW118

Self-powered

18" ACTIVE SUBWOOFER



2500 W · 64-bit DSP · FIR filters

Ethernet connectivity · Built-in DSP · Presets ·
Touchscreen · Neodymium transducers ·
Cardioid presets included

Dante® **Act*ve**

Amplifier Power: 2500 W Class D

Frequency Response (-10dB): 30 Hz - 140 Hz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 133 dB (musical program)

Coverage (-6dB): Omnidirectional

Dimensions (H×W×D): 555 × 740 × 748 mm

Weight: 56.8 kg



2 × 18" Subwoofer



XW218



Self-powered

2 × 18" ACTIVE SUBWOOFER

5000 W · 64-bit DSP · FIR filters
 Ethernet connectivity · Built-in DSP · Presets ·
 Touchscreen · Neodymium transducers ·
 Cardioid presets included

Dante **Act+ve** 

Amplifier Power: 5000 W Class D

Frequency Response (-10dB): 25 Hz - 130 Hz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 141 dB (musical program)

Coverage (-6dB): Omnidirectional

Dimensions (H×W×D): 1116 × 750 × 780 mm

Weight: 106 kg



2 × 8" Line Array

NEW PRODUCT



XA209

Self-powered

2 × 8" BI-AMPLIFIED ACTIVE TWO-WAY

3000 W · 64-bit DSP · FIR filters

Ethernet connectivity · Built-in DSP · Presets ·
Touchscreen · Neodymium transducers



 Dante®  Act*ve 

Amplifier Power: 2500 W (LF) + 500 W (HF) Class D Bi-amp

Frequency Response (-10dB): 70 Hz - 19 kHz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 135 dB (musical program)

Coverage (-6dB): 95° (H) × 10° (V)

Dimensions (H×W×D): 245 × 680 × 550 mm

Weight: 26.7 kg

XA209P

2 × 8" TWO-WAY LINE ARRAY MODULE FOR EXTERNAL
DSP + BI-AMPLIFICATION · 1560 W
or slave module to XA209

Neodymium transducers

Program Power: 1400 W (LF) + 160 W (HF)

Frequency Response (-10dB): 70 Hz - 1.8 kHz (LF) / 900 Hz - 19 kHz (HF)

Sensitivity (1W/1m): 104 dB (LF) / 112 dB (HF)

Maximum SPL (1m): 135 dB (LF) / 134 dB (HF) (musical program)

Coverage (-6dB): 95° (H) × 10° (V)

Dimensions (H×W×D): 245 × 680 × 550 mm

Weight: 24 kg

2 × 8" Line Array

NEW PRODUCT



Standard configuration one XA209 powers one unit of XA209P.

2 × 10" Line Array



XA211

Self-powered



2 × 10" BI-AMPLIFIED ACTIVE TWO-WAY

3000 W · 64-bit DSP · FIR filters

Ethernet connectivity · Built-in DSP · Presets ·
Touchscreen · Neodymium transducers

 Dante®  Act*ve 

Amplifier Power: 2500 W (LF) + 500 W (HF) Class D Bi-amp

Frequency Response (-10dB): 65 Hz - 19 kHz

Built-in DSP: 64-bit processing unit

Maximum SPL (1m): 136 dB (musical program)

Coverage (-6dB): 95° (H) × 10° (V)

Dimensions (H×W×D): 294 × 740 × 566 mm

Weight: 35.1 kg

XA211P

2 × 10" TWO-WAY LINE ARRAY MODULE FOR EXTERNAL
DSP + BI-AMPLIFICATION · 1700 W
or slave module to XA211

Neodymium transducers

Program Power: 1450 W (LF) + 250 W (HF)

Frequency Response (-10dB): 65 Hz - 2 kHz (LF) / 800 Hz - 19 kHz (HF)

Sensitivity (1W/1m): 105 dB (LF) / 112 dB (HF)

Maximum SPL (1m): 136 dB (LF) / 135 dB (HF) (musical program)

Coverage (-6dB): 95° (H) × 10° (V)

Dimensions (H×W×D): 294 × 740 × 566 mm

Weight: 32.5 kg

2 × 10" Line Array



Standard configuration one XA211 powers one unit of XA211P.

NEW SOFTWARE

DSP STUDIO 4

REMOTE CONTROL SOFTWARE



Enjoyable from scratch

Prepare your projects offline and effortlessly connect to your setup when on-site, ensuring a flawless transition to live performance.

Modern, user-friendly interface designed for intuitive system setup. The new version of DSP Studio makes system configuration even smoother, featuring auto-detection and seamless cabinet integration.

Intuitive and organised

Organising and controlling multiple cabinets is now more intuitive. Now compatible with MAC OS and enhanced for touchscreen interaction, the interface offers a natural and responsive setup process. Link identical cabinets or group various models and use different EQ and tuning parameters for each one thanks to an optimised layout grid, suitable for any project size.

Get full control

Comprehensive control over every aspect of your sound system. Detailed feedback on input and output levels, amplifier temperature, and protection indicators are all at your disposal. Fine-tune parameters with precision: gain, limiter threshold, delay, polarity and parametric EQs for each individual cabinet or for each group or array.

Unprecedented flexibility

Bespoke control protocol offering adjustments from anywhere in the venue. The software's three working modes — Configuration, Tuning, and Live— provide tailored functionality. Configure devices, assign IPs, and organize your layouts. Adjust your system's sound with selectable presets, filters, delays and gains. Monitor your devices in real-time, with temperature/VAC readings, limiter activity, and VU meters.



DSP Studio 4

Available for download on the official website
www.amateaudio.com/software/dsp-studio4/

Get instant access to outstanding sound

1

Configure

Add cabinets to the layout and build your project

2

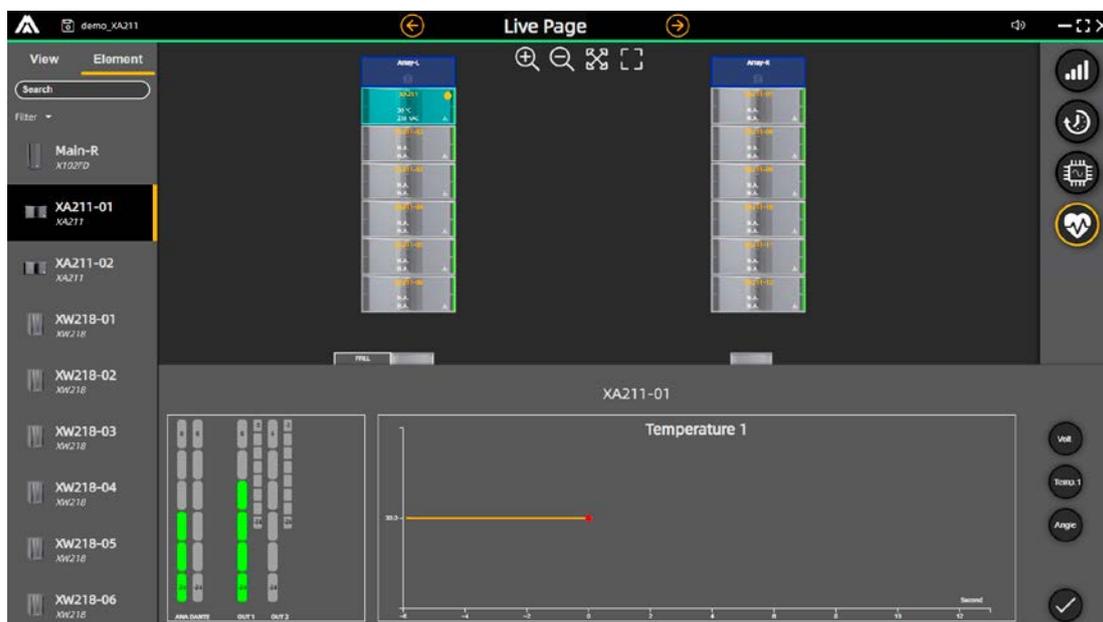
Tuning

Create groups, assign views and set audio parameters

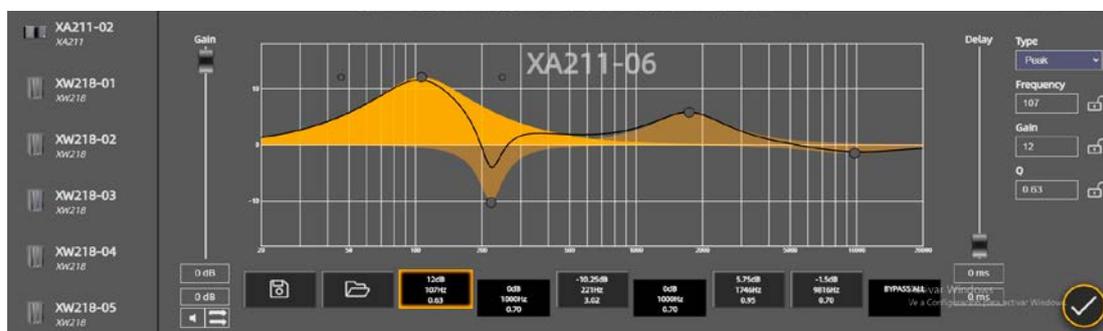
3

Live

Monitor the devices in real time



Live Page



Advanced parameters setup

Available for:

XM82, X10FD, X82FD, X102FD, XA209, XA211, XW215, XW118, XW218

XCELLENCE

accessories

Flight case



FC-XM82 for 2 units of XM82

FC-X10FD for 2 units of X10FD

FC-X82FD for 2 units of X82FD

FC-X102FD for 2 units of X102FD

FC-XA209 for 6 units of XA209 with bumper

FC-XA211 for 4 units of XA211 with bumper

Trolley



TR- XW118 wooden plate with reinforced wheels for XW118

Protective cover



NC-X82FD for X82FD with pocket for power cable

NC-X102FD for X102FD with pocket for power cable

NC-XW215 for XW215

NC-XW118 for XW118

NC-XW218 for XW218

Cable Tester



The ultimate tool for checking the health of your cables.
Supports SpeakON, XLR and RJ45



M8 rigging eyebolt Stainless steel

ACR-M8 for X10FD / X82FD / X102FD



Safety sling With accessories – Stainless steel

SC-15 Safety sling



BL-8 Ball-lock safety pin

Cables



PCS-1
XLR + PowerCon male to XLR + PowerCon female – 1 m



PCS-2
XLR + PowerCon male to XLR + PowerCon female – 2 m



MP/QBS Power/signal balanced cable
For active acoustic systems – 3 × 2 mm² POWER (Mains)
4 × 0.22 mm² SIGNAL (high isolation quad balanced) – **100 m reel**



CS-100 Balanced signal cable
2 × 0.22 mm² Double shielded for balanced signal – **100 m reel**



SPC-4B Speaker cable for bi-amplified systems
2 × 4 mm² + 2 × 2.5 mm² SUPERFLEX – **100 m reel**

Ethernet cables



ECRJ45-80 Ethernet cable with metal housing both ends – 0.8 m

ECRJ45-130 Ethernet cable with metal housing both ends – 1.3 m

ECRJ45-200 Ethernet cable with metal housing both ends – 2 m

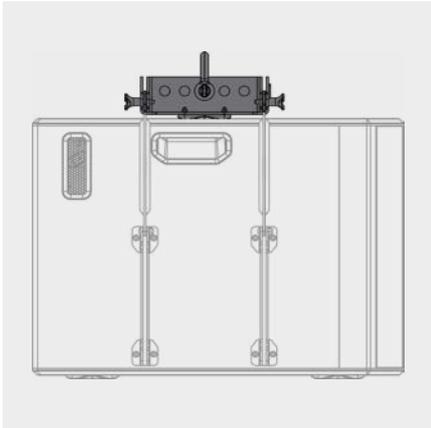
ECRJ45-500 Ethernet cable with metal housing both ends – 5 m

ECRJ45-1200 Ethernet cable with metal housing both ends – 12 m

XCELLENCE accessories

Stainless steel

Touring bumper



BRWX for XW118

Loading 4 cabinets with 10:1 safety ratio

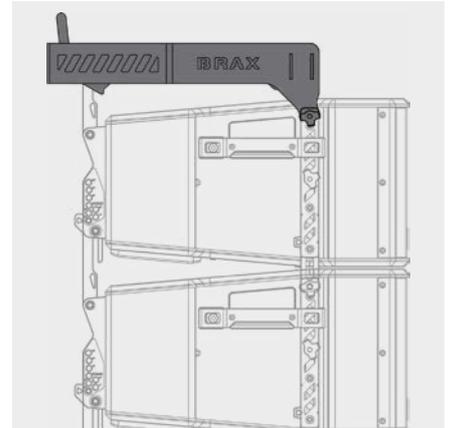
Flying hardware



KRW118

for XW118

Touring bumper



BRAX for XA209 / XA211

XA209

Loading 12 cabinets with 10:1 safety ratio

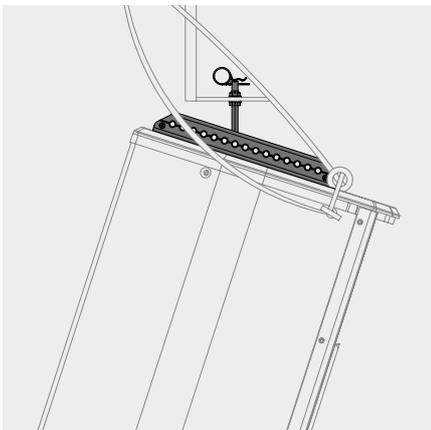
Loading 24 cabinets with 5:1 safety ratio

XA211

Loading 8 cabinets with 10:1 safety ratio

Loading 16 cabinets with 5:1 safety ratio

Flying bar



Rigging bar

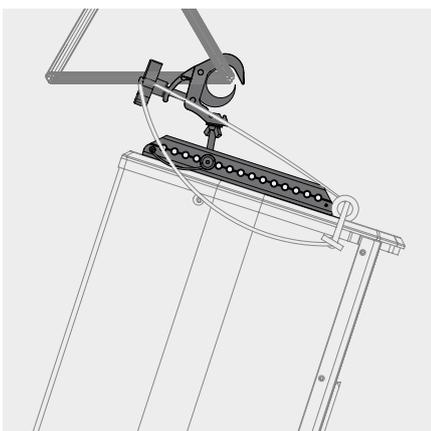
RB-S

for X10FD, X82FD

RB-L

for X102FD

Flying bar



Rigging bar with 50 mm hook

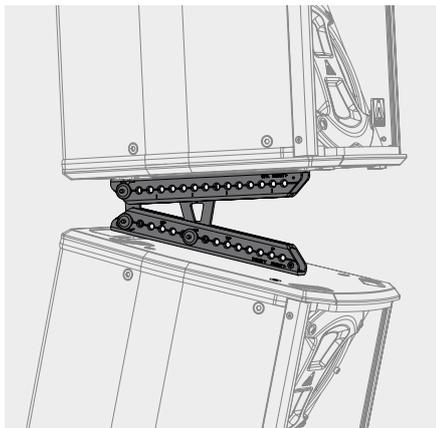
RB-S/GT

for X10FD, X82FD

RB-L/GT

for X102FD

Flying bar



RB-L1082

for X102FD, X82FD
Vertical rigging bar with pins & hardware

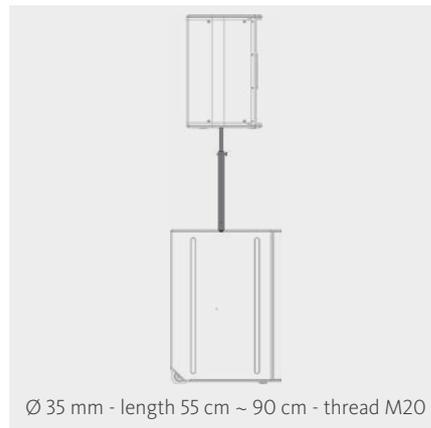
Stacking



STAX

for XA209, XA211, XW215, XW118, XW218

Hardware

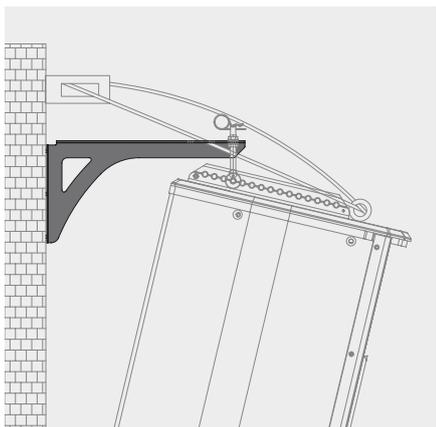


Ø 35 mm - length 55 cm ~ 90 cm - thread M20

SP/CRTL

for XM82, X10FD, X82FD, X102FD, XW215, XW118, XW218

Wall mount bracket



SP-WHR

for X10FD, X82FD, X102FD

NÍTiD-S

Now in its second generation, **Nítid-S** deploys the company's latest developments in amplification and control technology in symbiosis with our advanced acoustic design and engineering, to achieve exceptional levels of performance from ultra-compact loudspeaker systems.

Nítid - from the Latin *nitidus*, meaning bright, glistening or lustrous, clear, and *nitere*, to shine.



Evolution

New S-series models build on the success, innovation and best-in-class performance of the original Nítid designs with improved features including a recessed moulded connector plate, more highly stylised form factor and improved robustness of the most acoustically transparent pro-audio speaker grille.

High-class performance

Nítid's onboard integrated 'plug & play' power and control platform includes advanced high-order FIR filtering for full phase coherent PEQ adjustment and absolute phase alignment of common cabinet couplings. The control DSP manages the relevant amplifier gain, limiting, cross-over settings and alignment delays, providing previously unattainable levels of system performance every time – in an instant.

Touchscreen control

Amate Audio's latest generation DSP system management is integrated with 3rd generation Class D amplification. Colour touchscreen operation and monitoring of DSP system includes access to powerful presets – engineered by Amate Audio's R&D team – that instantly configure your Nítid-S loudspeaker for the majority of common application environments within seconds, prior to rigging or installation.

The perfect balance

An ongoing programme of research and development ensures that Nítid series loudspeakers continue to achieve the highest levels of output and performance from the most compact-sized designs, in an unrivalled synthesis of engineering and aesthetic form.



6" Point Source

Dimensions (H×W×D): 400 × 230 × 250 mm
S6L 7.2 kg • S6LP 6.4 kg



S6L Active Two-Way 250W, 115 dB SPL



Frequency Response (-10dB): 62 Hz - 20 kHz

Amplifier Power: 200 W (LF) + 50 W (HF) Class D Bi-amp

Coverage (-6 dB): 70° (H) × 70° (V)

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S6LP Passive Two-Way 200W, 115 dB SPL

Frequency Response (-10dB): 63 Hz - 20 kHz

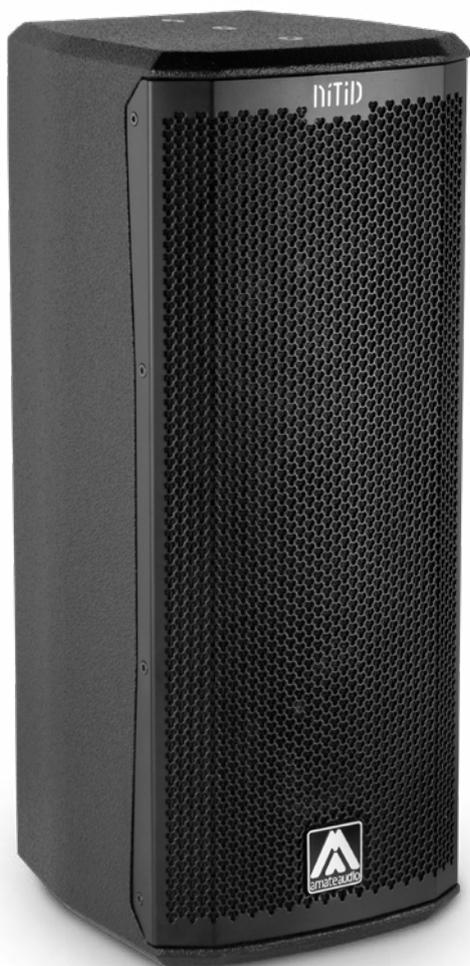
Sensitivity (1W/1m): 92 dB • **Impedance:** 8Ω / 16Ω

Coverage (-6 dB): 70° (H) × 70° (V)



2 × 6” Point Source

Dimensions (H×W×D): 572 × 230 × 250 mm
S26 10.6 kg • **S26P** 9.3 kg



S26 Active Two-Way 450W, 121 dB SPL



Frequency Response (-10dB): 58 Hz - 20 kHz

Amplifier Power: 400 W (LF) + 50 W (HF) Class D Bi-amp

Coverage (-6 dB): 70° (H) × 70° (V)

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S26P Passive Two-Way 400W, 121 dB SPL

Frequency Response (-10dB): 62 Hz - 20 kHz

Sensitivity (1W/1m): 95 dB • **Impedance:** 8Ω / 16Ω

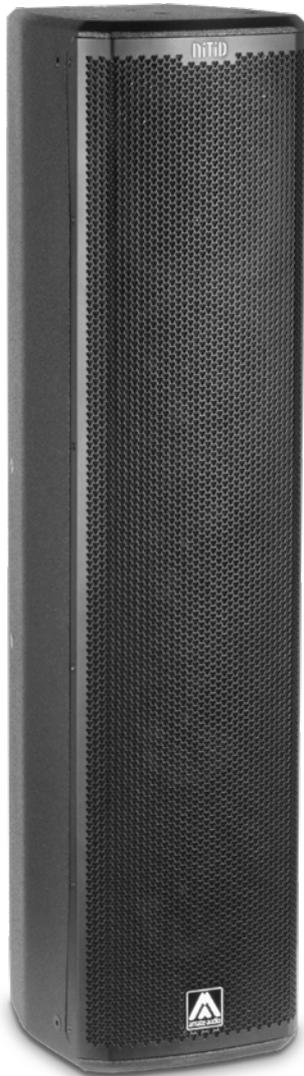
Coverage (-6 dB): 70° (H) × 70° (V)



4 × 6" Column Array

Dimensions (H×W×D): 1056 × 250 × 274 mm

S46 20.8 kg • S46P 19.8 kg



S46 Active Two-Way 1000W, 127 dB SPL



Frequency Response (-10dB): 50 Hz - 19 kHz

Amplifier Power: 800 W (LF) + 200 W (HF) Class D Bi-amp

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S46P Passive Two-Way 800W, 126 dB SPL

Frequency Response (-10dB): 50 Hz - 19 kHz

Sensitivity (1W/1m): 97 dB • **Impedance:** 8Ω

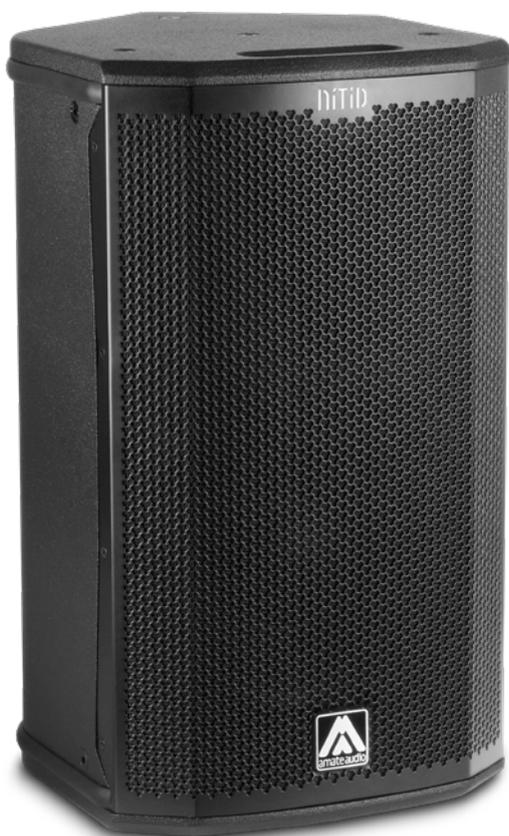
Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn



10" Point Source / Stage Monitor

NEW PRODUCT

Dimensions (H×W×D): 543 × 313 × 358 mm
S10LT 16.5 kg • **S10** 15 kg • **S10P** 15.3 kg



S10LT Active Two-Way 1000W, 127 dB SPL



Frequency Response (-10dB): 53 Hz - 19 kHz

Amplifier Power: 800 W (LF) + 200 W (HF) Class D Bi-amp

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S10 Active Two-Way 600W, 125 dB SPL



Frequency Response (-10dB): 55 Hz - 19 kHz

Amplifier Power: 500 W (LF) + 100 W (HF) Class D Bi-amp

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S10P Passive Two-Way 500W, 123 dB SPL

Frequency Response (-10dB): 55 Hz - 19 kHz

Sensitivity (1W/1m): 96 dB • **Impedance:** 8Ω

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn



12" Point Source / Stage Monitor

NEW PRODUCT

Dimensions (H×W×D): 623 × 363 × 398 mm
S12 19.9 kg • S12A7 18 kg • S12P 21.7 kg



S12 Active Two-Way 1000W, 128 dB SPL



Frequency Response (-10dB): 52 Hz - 19 kHz

Amplifier Power: 800 W (LF) + 200 W (HF) Class D Bi-amp

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S12A7 Active Two-Way 700W, 125 dB SPL



Frequency Response (-10dB): 52 Hz - 19 kHz

Amplifier Power: 500 W (LF) + 200 W (HF) Class D Bi-amp

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S12P Passive Two-Way 800W, 127 dB SPL

Frequency Response (-10dB): 53 Hz - 19 kHz

Sensitivity (1W/1m): 98 dB • **Impedance:** 8Ω

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn



15" Point Source / Stage Monitor

NEW PRODUCT

Dimensions (H×W×D): 733 × 423 × 460 mm
S15LT 26.8 kg • **S15** 23.8 kg • **S15P** 24.8 kg



S15LT Active Two-Way 2500W, 132 dB SPL



Frequency Response (-10dB): 48 Hz - 18 kHz

Amplifier Power: 2000 W (LF) + 500 W (HF) Class D Bi-amp

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S15 Active Two-Way 1000W, 128 dB SPL



Frequency Response (-10dB): 50 Hz - 19 kHz

Amplifier Power: 800 W (LF) + 200 W (HF) Class D Bi-amp

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

S15P Passive Two-Way 800W, 128 dB SPL

Frequency Response (-10dB): 50 Hz - 19 kHz

Sensitivity (1W/1m): 99 dB • **Impedance:** 8Ω

Coverage (-6 dB): 50° to 100° (H) × 55° (V) asymmetrical horn



Main PA / Sidefill / Drumfill

Dimensions (H×W×D): 1230 × 520 × 540 mm

S318 63 kg



S318 Active Three-Way 3200W, 133 dB SPL



Frequency Response (-10dB): 35 Hz - 19 kHz

Amplifier Power: 2400 W (LF) + 800 W (HF) Class D Bi-amp

Coverage (-6 dB): 60° (H) × 50° (V)

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets





12" Subwoofer

Dimensions (H×W×D): 384 × 520 × 582 mm
S12W 26.7 kg • S12WP 24.9 kg



S12W Active
1000W, 126 dB SPL



S12WP For External Active Amplification
1000W, 126 dB SPL

Frequency Response (-10dB): 38 Hz - 130 Hz

Amplifier Power: 1000 W Class D

Coverage (-6 dB): Omnidirectional

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

Frequency Response (-10dB): 38 Hz - 130 Hz (with external DSP)

Sensitivity (1W/1m): 96 dB • **Impedance:** 8Ω

Coverage (-6 dB): Omnidirectional



15" Subwoofer

Dimensions (H×W×D): 463 × 630 × 680 mm
S15W 38.5 kg • **S15WP** 36.5 kg

NEW PRODUCT



S15W Active
 2000W, 129 dB SPL



S15WP For External Active Amplification
 2000W, 129 dB SPL

Frequency Response (-10dB): 35 Hz - 140 Hz

Amplifier Power: 2000 W Class D

Coverage (-6 dB): Omnidirectional

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

Frequency Response (-10dB): 35 Hz - 140 Hz (with external DSP)

Sensitivity (1W/1m): 96 dB • **Impedance:** 8Ω

Coverage (-6 dB): Omnidirectional



18" Subwoofer

Dimensions (H×W×D): 555 × 740 × 748 mm
S18W 56 kg • S18WP 54 kg



S18W Active
2000W, 132 dB SPL



S18WP For External Active Amplification
2000W, 132 dB SPL

Frequency Response (-10dB): 33 Hz - 140 Hz

Amplifier Power: 2000 W Class D

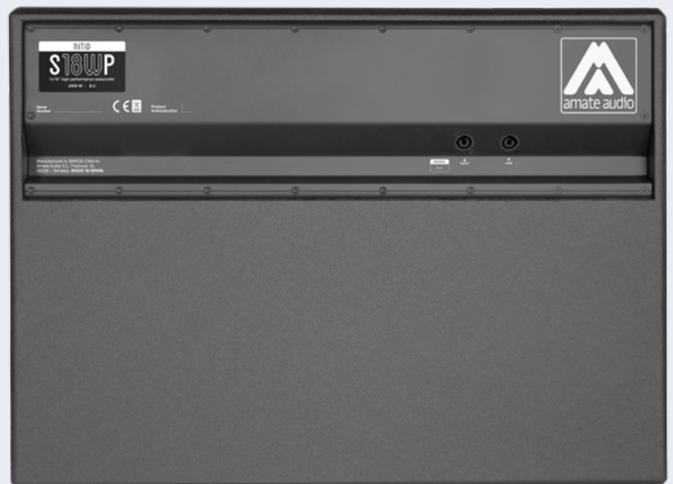
Coverage (-6 dB): Omnidirectional

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

Frequency Response (-10dB): 33 Hz - 140 Hz (with external DSP)

Sensitivity (1W/1m): 98 dB • **Impedance:** 8Ω

Coverage (-6 dB): Omnidirectional



2 × 18" Subwoofer

Dimensions (H×W×D): 1116 × 750 × 780 mm
S218W 104 kg • **S218WP** 102 kg



S218W Active
 2500W, 137 dB SPL



S218WP For External Active Amplification
 4000W, 139 dB SPL

Frequency Response (-10dB): 30 Hz - 130 Hz

Amplifier Power: 2500 W Class D

Coverage (-6 dB): Omnidirectional

Built-in DSP with touchscreen: 64-bit - FIR filters, Factory presets

Frequency Response (-10dB): 30 Hz - 130 Hz (with external DSP)

Sensitivity (1W/1m): 102 dB • **Impedance:** 4Ω

Coverage (-6 dB): Omnidirectional



NiTiD-S

accessories



Flight case

FC-S26	for 4 units of S26, S26P
FC-S10	for 2 units of S10, S10LT, S10P
FC-S12	for 2 units of S12, S12A7, S12P
FC-S15	for 2 units of S15, S15LT, S15P
FC-S12W	for 2 units of S12W, S12WP



Trolley

TR-XW118	wooden plate with reinforced wheels for S18W and S18WP
TR-S15W	wooden plate with reinforced wheels for S15W and S15WP



Protective cover

NC-S26	for S26, S26P
NC-S46	for S46, S46P
NC-S10	for S10, S10LT, S10P
NC-S12	for S12, S12A7, S12P
NC-S318	for S318
NC-S12W	for S12W, S12WP
NC-S15W	for S15W, S15WP
NC-XW118	for S18W, S18WP
NC-XW218	for S218W, S218WP





Cable Tester

The ultimate tool for checking the health of your cables.
Supports SpeakON, XLR and RJ45



M8 rigging eyebolt Stainless steel

ACR-M8

for S6L, S6LP, S26, S26P, S46, S46P, S10, S10LT, S10P, S12, S12A7, S12P, S15, S15LT, S15P, S15W, S15WP, S318



Safety sling With accessories – Stainless steel

SC-15

for S6L, S6LP, S26, S26P, S46, S46P, S10, S10LT, S10P, S12, S12A7, S12P, S15, S15LT, S15P, S15W, S15WP

Cables

PCS-1

XLR + PowerCon male to XLR + PowerCon female – 1 m

PCS-2

XLR + PowerCon male to XLR + PowerCon female – 2 m

MP/QBS Power/signal balanced cable

For active acoustic systems – 3 × 2 mm² POWER (Mains)
4 × 0.22 mm² SIGNAL (high isolation quad balanced) – 100 m reel

CS-100 Balanced signal cable

2 × 0.22 mm² Double shielded for balanced signal – 100 m reel

SPC-4B Speaker cable for bi-amplified systems

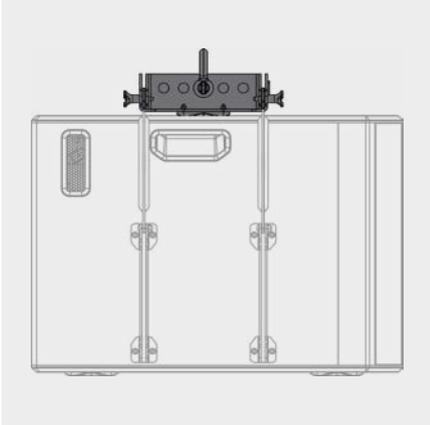
2 × 4 mm² + 2 × 2.5 mm² SUPERFLEX – 100 m reel



NiTiD-S accessories

Stainless steel

Touring bumper



BRWX

for flying S18W, S18WP

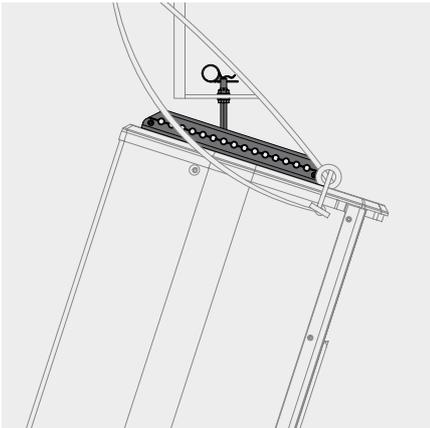
Flying hardware



KRW118

for flying S18W, S18WP

Flying bar



Rigging bar

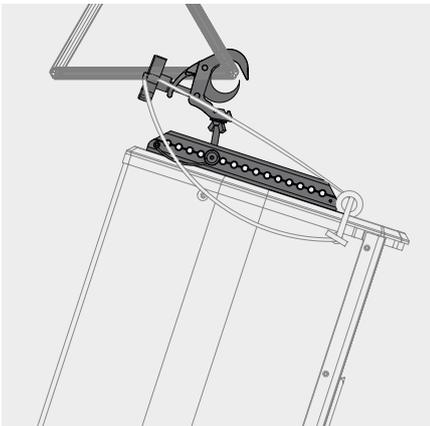
RB-S

for S6L, S6LP, S26, S26P, S46, S46P, S10, S10LT, S10P

RB-L

for S12, S12A7, S12P, S15, S15LT, S15P

Flying bar



Rigging bar with 50 mm hook

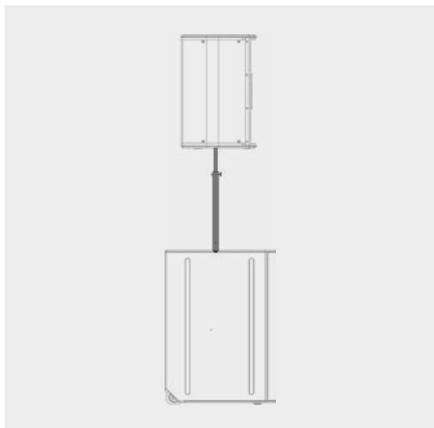
RB-S/GT

for S6L, S6LP, S26, S26P, S46, S46P, S10, S10LT, S10P

RB-L/GT

for S12, S12A7, S12P, S15, S15LT, S15P

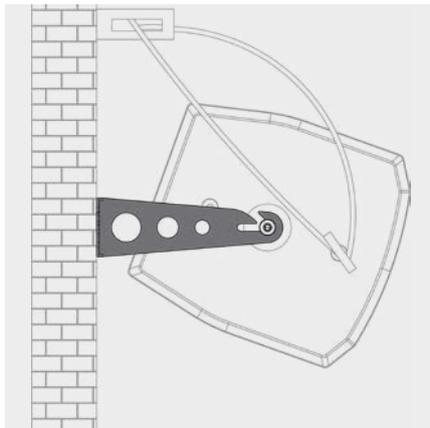
Hardware



SP/CRTL

for all models
 Ø 35 mm - length 55 cm ~ 90 cm - thread M20

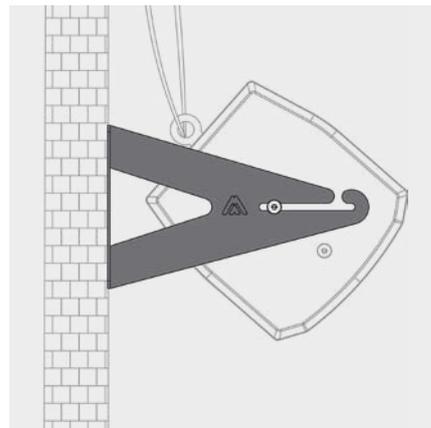
Wall mount bracket



SP-S26

for S26, S26P

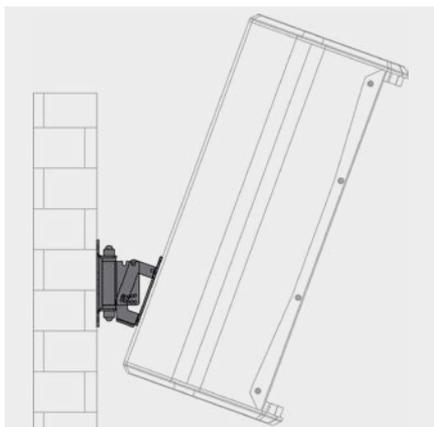
Wall mount bracket



UB-L

for S26, S26P, S10, S10LT, S10P, S12, S12A7, S12P, S15, S15LT, S15P

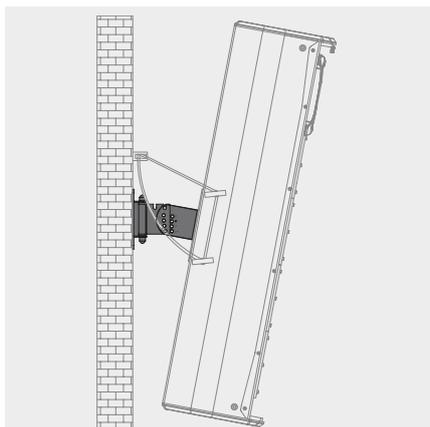
Wall mount bracket



SP-6N

for S6L, S6LP, S26, S26P, G7

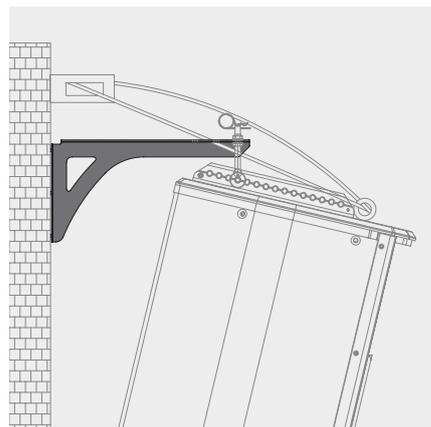
Wall mount bracket



SP-46N

for S46, S46P

Wall mount bracket



SP-WHR

for S6L, S6LP, S26, S26P, S46, S46P, S10, S10LT, S10P, S12, S12A7, S12P, S15, S15LT, S15P

Multipoint PA Solutions



G7



Available in white, black, titanium and anthracite.

Two-way passive full-range speaker system
6.5" woofer with carbon fiber cone
1" titanium diaphragm neodymium tweeter

Nominal impedance: 16 Ω

Program power : 120 W

Sensitivity (1W/1m) : 91 dB

Maximum SPL (1m) : 112dB (musical program)

Directivity : 80° conical

Frequency Response (-10dB) : 60 Hz - 20 kHz

Dimensions (HxWxD) : 296 × 209 × 218 mm

Weight : 3.6 kg



SP-6N **not** included



U-Bracket included



T-G7

100V Transformer kit for G7

Specifications: 100V Line transformer with selector.
250 Ω (40 W), 500 Ω (20 W), 1000 Ω (10 W), 2000 Ω (5 W) Direct 16 Ω (120 W)



CS7

Two-way passive high performance coaxial ceiling speaker
 6.5" woofer with polypropylene cone and butyl rubber surround
 1" titanium diaphragm neodymium tweeter

Nominal impedance: 16 Ω

Program Power : 60 W

Sensitivity (1W/1m) : 91 dB

Frequency Response (-10 dB) : 60 Hz - 20 kHz

Dimensions (ØExt / ØInt x D) : 238 mm / 203 mm x 96mm

Weight : 1.4 kg



TF-100

100 V line transformer
 5W-10W-20W-40W



Power Amplifiers

HD series

The HD series consists of three models with a power output ranging from 350 W/8 Ω per channel, to 4000 W/4 Ω (bridged), all in a 19"/2U format, ideal for long-term fixed installations.

HD Series technology combines Class AB for HD1200, with Class H for the more powerful units HD3200 & HD4000. All models are based on our proven High Dynamic Power technology, which means higher dynamic headroom for an outstanding hearing experience.

They incorporate the soft-start circuit with gradual volume increase, clip limiters and special protection features such as temperature control, overcurrent, DC output and short circuit on the outputs.



Detachable front panel gives access to a limiter threshold adjust.

HD1200	2x 600 W/4 Ω - 2x 350 W / 8 Ω - 15 kg
HD3200	2x 1750 W/4 Ω - 2x 1000 W / 8 Ω - 21 kg
HD4000	2x 1200 W/4 Ω - 4000 W / 4 Ω BRIDGE - 21 kg



Rear view HD4000

High dynamic Class H amplifiers · Linear power supply · High reliability, best for installation · 2 U 19" rack. Soft Start · Balanced XLR inputs · Speakon and binding post outputs · Clip-Limiter · Bridge mode/Parallel switch 2 Ω stable · Forced cooling · Protections: DC, Short Circuit, Temperature, Breaker.

TPD3K 2.1 AMPLIFIER • 64-bit DSP

The original TP concept (which stands for **TriPhonic**), a **3-channel processing amplifier** was first released back in 1988 by Amate Audio. Its unique 3-in-1 topology allowed making subwoofer plus satellite installations for small and medium-sized clubs very easy to set up and use, giving exceptional results only comparable with much more complex and expensive systems. One single device united one stereo amplifier for satellites, another channel for subwoofer and the active signal processing to drive the speaker systems. TPD... a step ahead!

TPD3K 2000W (SUB) + 750+750W (L - R)

Sensitivity: 1.5 V **Input Impedance:** 20 kΩ

Output Power L & R: 400 + 400 W @ 8 Ω / 750 + 750 W @ 4 Ω **Subwoofer:** 1500 W @ 8 Ω / 2000 W @ 4 Ω

Frequency Response L & R (adjustable DSP): 70 Hz - 20 kHz (-3 dB) **Subwoofer:** 30 Hz - 200 Hz (-3 dB)

Dimensions (HxWxD): 88 × 482 × 370 mm (2U Rack 19") **Weight:** 9 kg



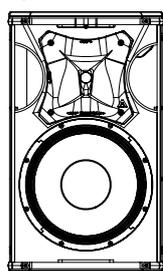
Front view TPD3K



Rear view TPD3K

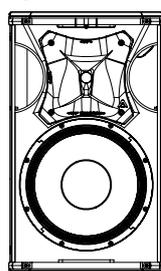
Typical Installation

S12P



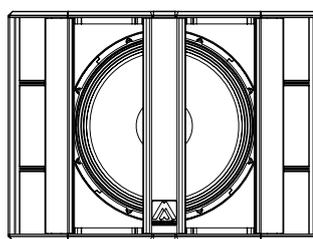
LEFT

S12P



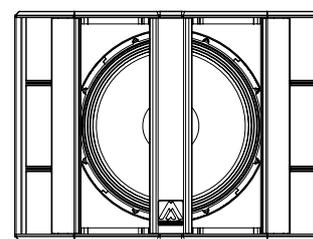
RIGHT

S18WP



SUBWOOFER

S18WP



Signal Processing

LMS206

Digital loudspeaker management systems

Fully configurable by its front panel keypad/ LCD screen or by PC (Windows / MacOS).

For each input/output: 10 parametrical EQ, 2 seconds delay, limiter, crossover and polarity control. 64-bits architecture.



LMS206

Inputs : 2 (XLR)

Outputs : 6 (XLR)

Input Dynamic Range : 110 dB

Frequency Response : 20 Hz to 20 kHz (+/- 0.5 dB)

A/D Converters : 24-bit, 48 kHz

Dimensions (HxWxD) : 1U 19" Rack 44 x 483 x 165 mm **Weight :** 2.3 kg



Rear view

LMS608



LMS608

Ethernet control

Inputs : 4 (XLR) + 2 AES/EBU (1x XLR)

Outputs : 8 (XLR)

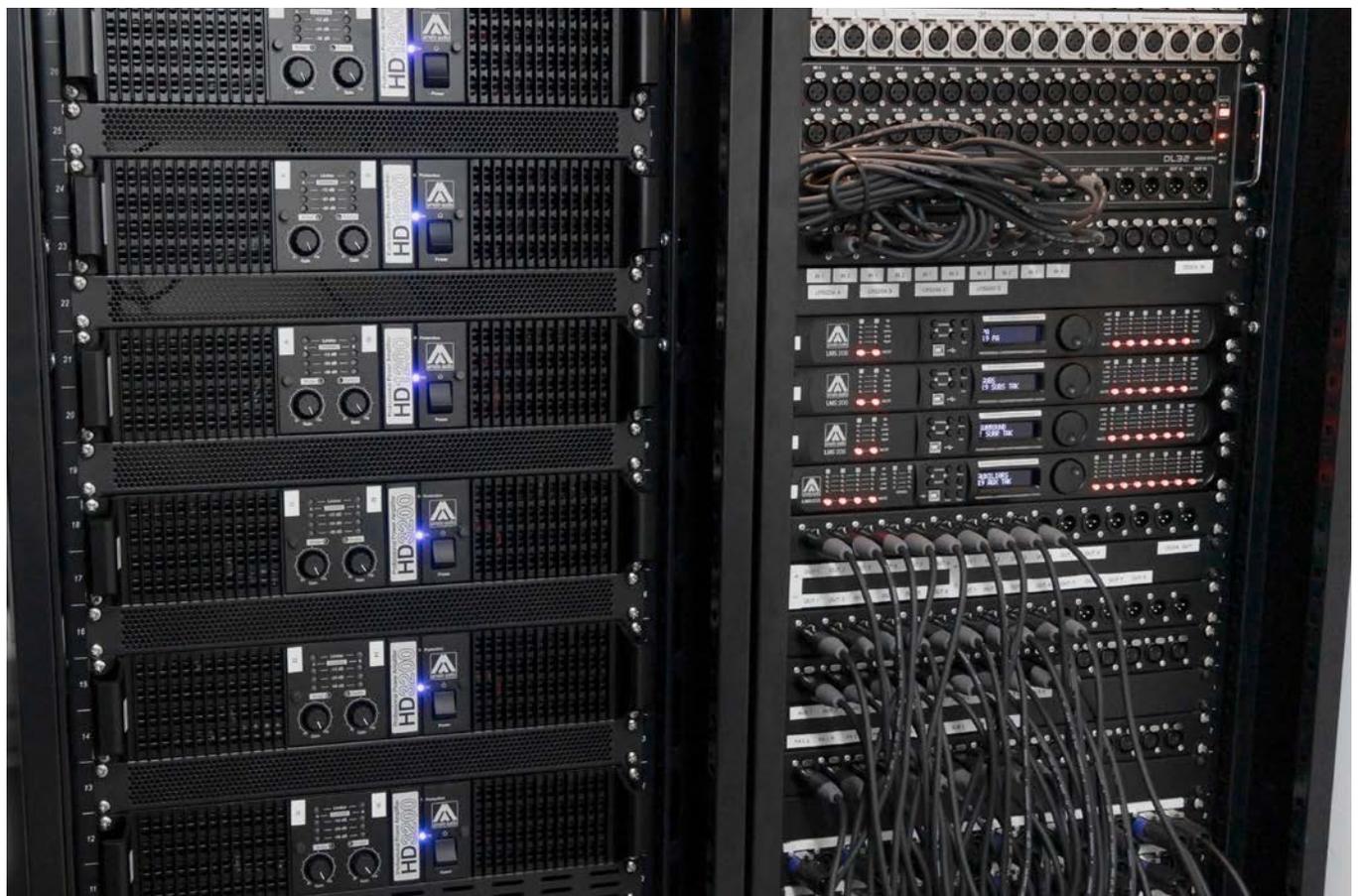
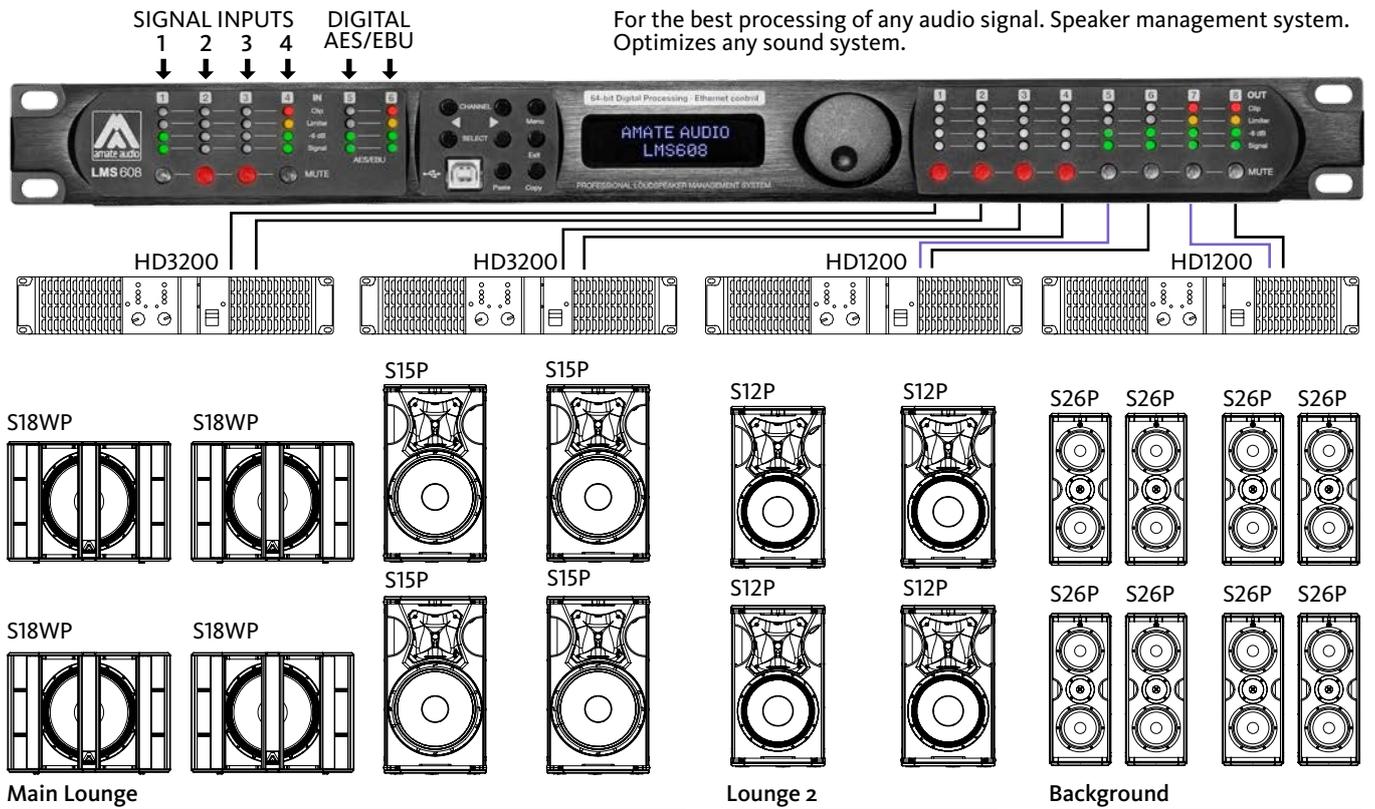
Input Dynamic Range : > 116 dB(A)

Frequency Response : 20 Hz - 20 kHz (+/- 0.5 dB)

A/D Converters : 24-bit, 96 kHz

Dimensions (HxWxD) : 1U 19" Rack, 44 x 483 x 165 mm **Weight :** 2.5 kg

Typical Installation

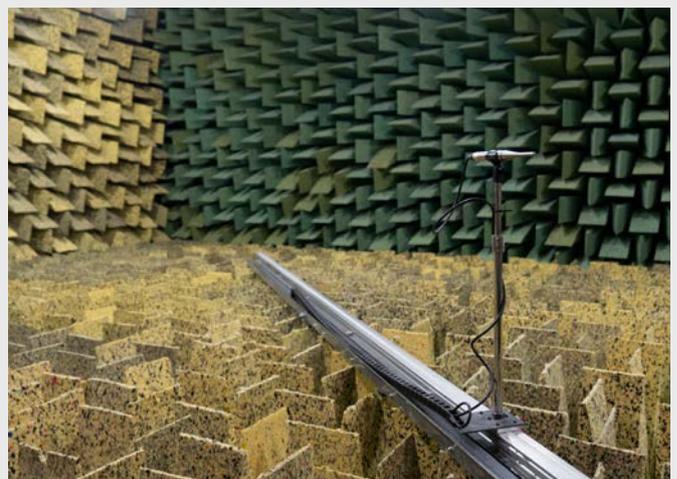


Innovation and growth in every step

Amate Audio's pursuit of innovation and excellence drives forward our growth and evolution. With the recent addition of our third facility, we have expanded our capabilities to meet the demands of the global market and continue at the forefront of professional audio technology.

Electronics, Research and Development

Our engineering team creates original solutions and develops advanced technologies, driven by a problem-solving mindset to address real-world challenges.



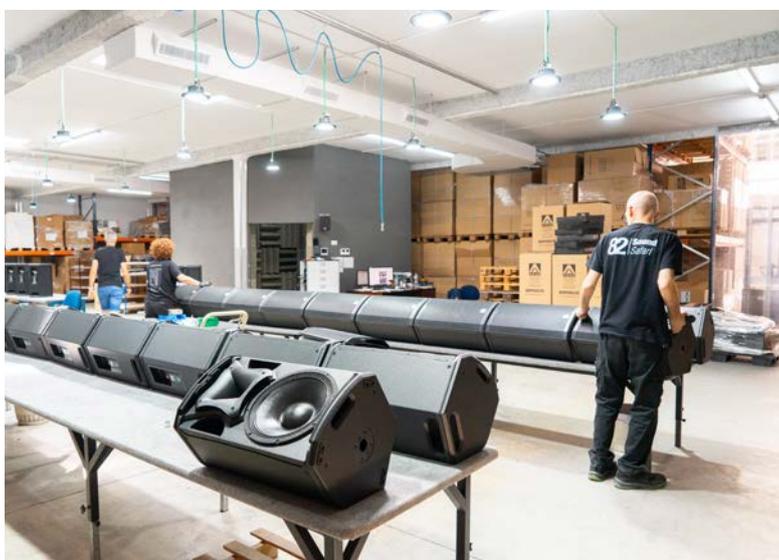
Headquarters

The heart of our operations, home to our commercial and export department, where we provide personalized solutions and expert assessment tailored to each customer's needs.



Acoustic Systems Production

Dedicated to crafting high-quality acoustic systems with meticulous attention to detail. Each product undergoes exhaustive quality controls to ensure unparalleled performance and reliability.



PRODUCT OVERVIEW

March 2026



5101
YEARS
BARCELONA
1972-2022

Amate Audio S.L.

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08222

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Polígon Industrial Nord
08226

Acoustic Systems Production

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08222

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Due to our continuous research and development, pictures and product specifications are subject to change without prior notice.

www.amateaudio.com