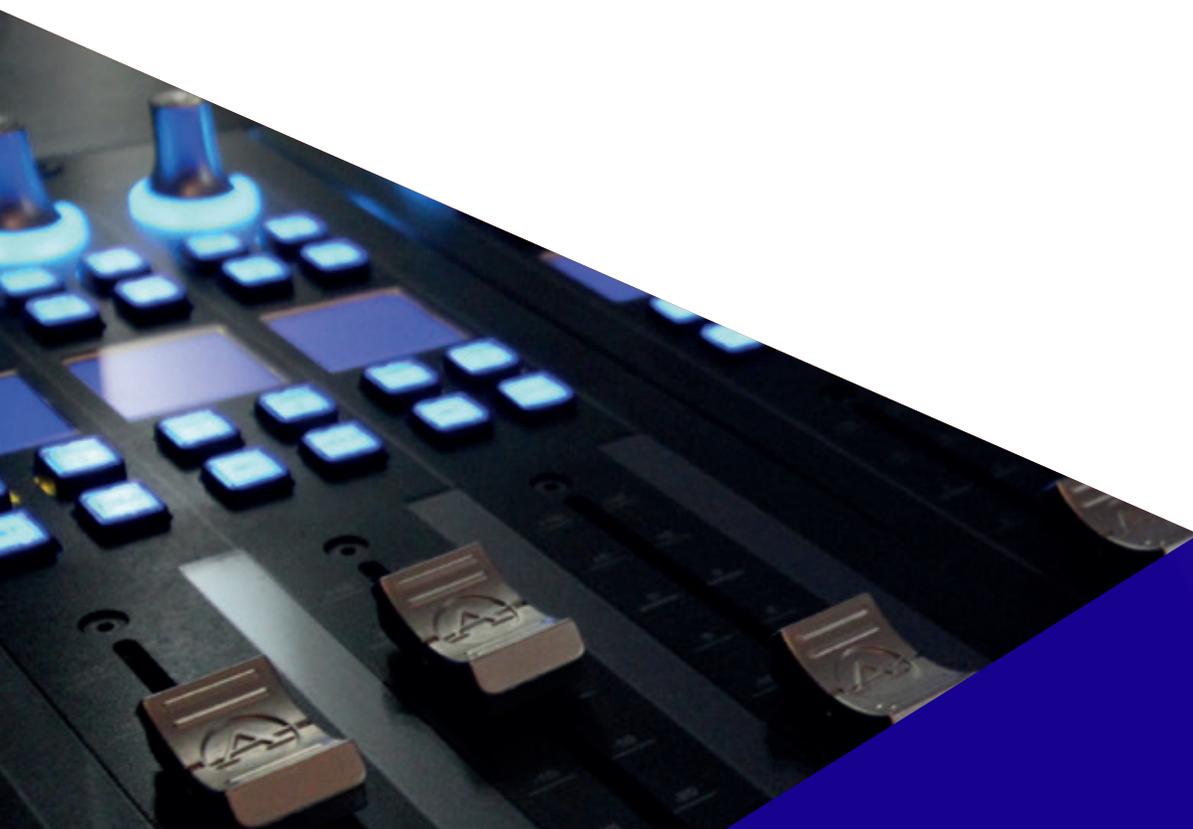




TVV SOUND PROJECT

TVVSOUND.BE



Active
audio

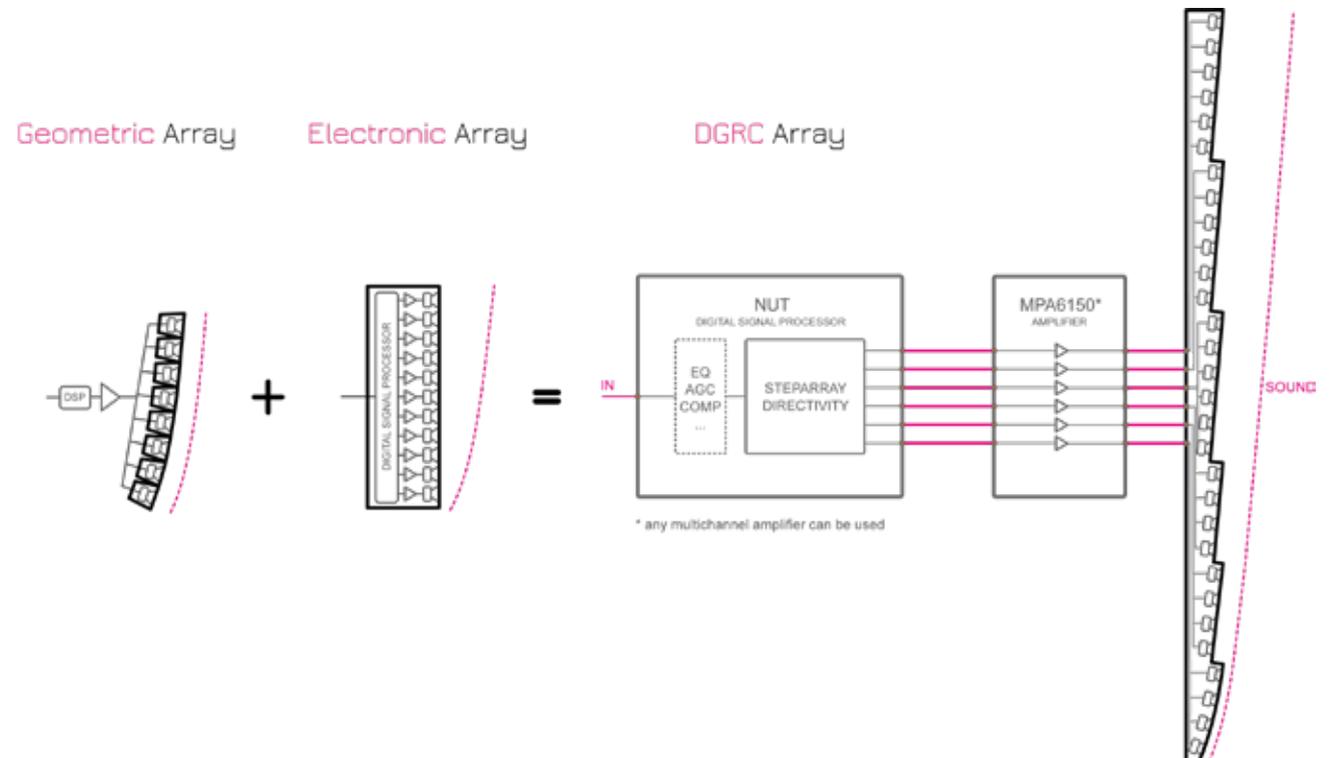


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Active audio began when Xavier Meynial, then a professor of room acoustics, founded the company in 2002 to promote both his own research and the work of the acoustics laboratory at Le Mans University.

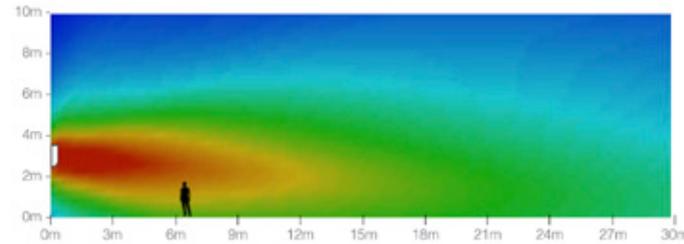
The DGRC patent was filed in 2005 and soon the StepArray series was born. Active Audio's DNA took shape when the company decided to focus its core business on providing sound reinforcement solutions for acoustically difficult environments. Leveraging its expertise in room acoustics and investing significant resources in signal processing, Active Audio began pioneering, developing and manufacturing products designed to make speech more intelligible.



THROUGH OUR ONLINE APPLICATION IT IS POSSIBLE TO
CALCULATE YOUR RANGE



Sound coverage - R110



Model **R110** 

Column Height (m)

Frequency Bandwidth **Speech** 

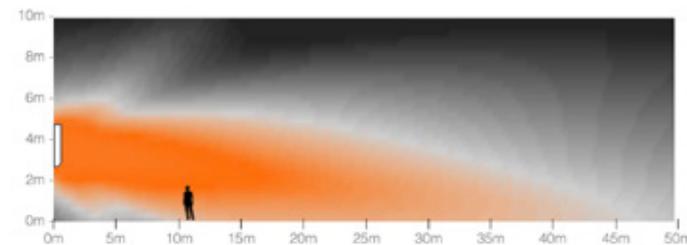
Continuous power **150W** 

Click on the SPL map
to add markers

Delete all markers

- SPL on axis
- Color mode
- Restore defaults
- Export

Sound coverage - R210



Model **R210** 

Column Height (m)

Frequency Bandwidth **Speech** 

Continuous power **300W** 

Click on the SPL map
to add markers

Delete all markers

- SPL on axis
- Color mode
- Restore defaults
- Export

RAY-ON

COLUMN SPEAKER



CHURCH OUR LADY OF MOUNT CARMEL QUERZON CITY (PH)

R-MINI

Column speaker 20cm, 100V - 6 Ω

Specially designed for small rooms and corridors or to complement other columns in the Ray-On range for other rooms.

Range 5m ±5dB
 Max. SPL 97dB SPL @ 1m
 Efficiency 85dB/1W @ 1m

B-70TC / R-70TC

Column speaker 70cm, 100V - 8 Ω

Specially for spaces where perfect horizontal directional control is needed: corridors, shopping galleries, railroad platforms, underground stations, meeting rooms.

Range 12m ±5dB
 Max. SPL 97dB SPL @ 5m / 91dB SPL @ 5m
 Efficiency 74dB/1W @ 5m / 87dB/1W @ 1m

R-110 / R-210

This loudspeaker is suitable for medium-sized spaces, both stand-alone and as part of a distributed system: churches, conference rooms, platforms, shopping malls, etc.

R-110: Column speaker 110cm - Range: 20m ±5dB

Verkrijgbaar in drie versies: 8Ω, 8Ω/100V en 8Ω/100V/EN 54-24

Max. SPL 92dB SPL @ 8m
 Efficiency 89dB/1W @ 1m

R-210: Column speaker 210cm - Range: 42m ±5dB

100V of 8Ω, EN 54-24 Type B-compatibel

Max. SPL 94.5dB SPL @ 16m
 Efficiency 95dB/1W @ 1m

R-210 / R-210+



R-110 / R-110+



R-70 / R-70+



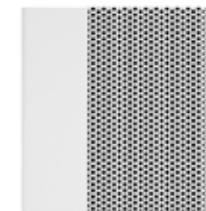
R-mini



B-70 curved



Available in white and black



White RAL9016



Black RAL9005

RAY-ON+

Column speakers for network environment

R-70+ R-110+ R-210+

RAY-ON PoE



Networked single-channel column speakers

The integrated 60W PoE+ amplifier module makes it possible to power the column and input an audio signal with a single CAT6 cable.

With a nominal Range of 12m, it offers a high-quality alternative for smaller spaces in airports, train and subway stations, conference rooms, churches or shopping malls when you need to run audio over a network.

Ray-On PoE is reserved for indoor use, it cannot be directly exposed to rain.

B-70 PoE

The B70 PoE is a 70cm soundbar designed to be mounted horizontally.

Column speaker 70cm

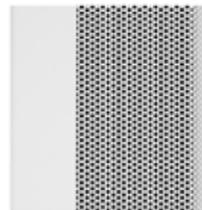
Range	12m \pm 5dB
Max. SPL	94dB SPL @ 5m
Efficiency	74dB/1W @ 5m



B-70 PoE



Available in white and black



White RAL9016



Black RAL9005

RAY-ON PoE



Networked single-channel column speakers

R-70 PoE

The R70 PoE is a 70cm active column designed to be mounted vertically.

Column speaker 70cm

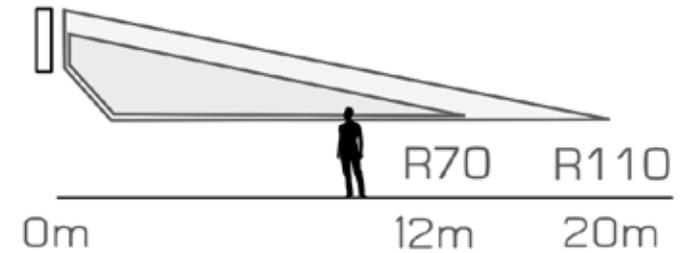
Range	12m \pm 5dB
Max. SPL	88dB SPL @ 5m
Efficiency	71dB/1W @ 5m

R-110 PoE

The R110 PoE is a 110cm soundbar designed to be mounted horizontally.

Column speaker 110cm

Range	20m \pm 5dB
Max. SPL	89dB SPL @ 8m
Efficiency	72dB/1W @ 8m

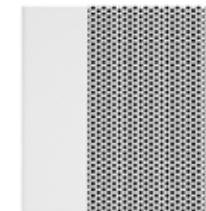


R-110 PoE



R-70 PoE

Available in white and black



White RAL9016



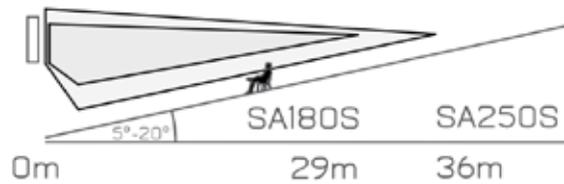
Black RAL9005

STEPARRAY

COLUMN SPEAKER



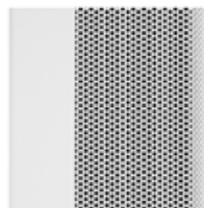
SA-250S



SA-180S



Available in white and black



White RAL9016



Black RAL9005

STEPARRAY

For halls with seating on a slope

SA-180S

Column speaker 180cm

Designed for seating on a 5-20° slope

Range 30m ±5dB
Max. SPL 97dBSPL @ 15m

SA-250S

Column speaker 250cm

Designed for large spaces

Range 45m ±5dB
Max. SPL 97dBSPL @ 20m

STEPARRAY



For halls with horizontal seating

SA-100P Column speaker 100cm

Designed for small spaces or in conjunction with larger models

Range 21m ±5 dB
Max. SPL 97dB SPL @ 10m

SA-180P Column speaker 180cm

Designed for medium-sized spaces

Range 40m ±5dB
Max. SPL 97dB SPL @ 15m

SA-250P Column speaker 250cm

Designed for large spaces

Range 45m ±5dB
Max. SPL 97dB SPL @ 20m

SA-400P Column speaker 400cm

Designed for very large rooms where a normal conventional PA system cannot be used

Range 90m ±5dB
Max. SPL 97dB SPL @ 30m

SA-400P



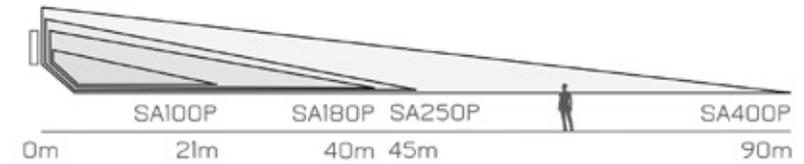
SA-250P



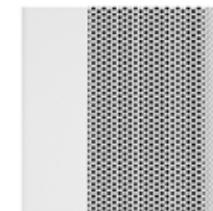
SA-180P



SA-100P



Available in white and black



White RAL9016



Black RAL9005

STEPARRAY+



For rooms with horizontal seating in a networked environment (Dante)

SA-150P+

Column speaker 150cm

Designed for small spaces or in conjunction with larger models

Range 21m \pm 5 dB
Max. SPL 97dB SPL @ 10m

SA-230P+

Column speaker 230cm

Designed for medium-sized spaces

Range 40m \pm 5dB
Max. SPL 97dB SPL @ 15m

SA-300P+

Column speaker 300cm

Designed for large spaces

Range 45m \pm 5dB
Max. SPL 97dB SPL @ 20m

SA-450P+

Column speaker 450cm

Designed for very large rooms where a normal conventional PA system cannot be used

Range 90m \pm 5dB
Max. SPL 97dB SPL @ 30m

SA-450P+



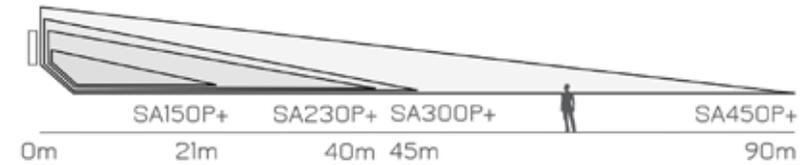
SA-300P+



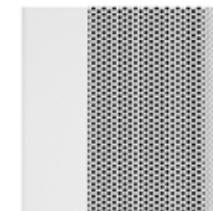
SA-230P+



SA-150P+



Available in white and black



White RAL9016



Black RAL9005

STEPARRAY+



For rooms with seating on a slope in a networked environment (Dante)

SA-230S+

Column speaker 230cm

Designed for seating at an inclination of 5-20°

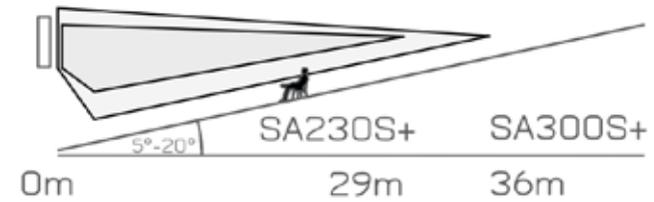
Range 29m ±5dB
Max. SPL 97dB SPL @ 15m

SA-300S+

Column speaker 300cm

Designed for large spaces

Range 36m ±5dB
Max. SPL 97dB SPL @ 20m



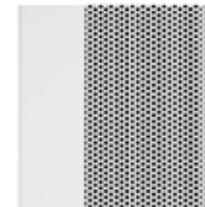
SA-300S+



SA-230S+



Available in white and black



White RAL9016



Black RAL9005

VENDÔME



VERTOU (FR)

VENDÔME



Intended for foreground and background music
Available in white-black-natural

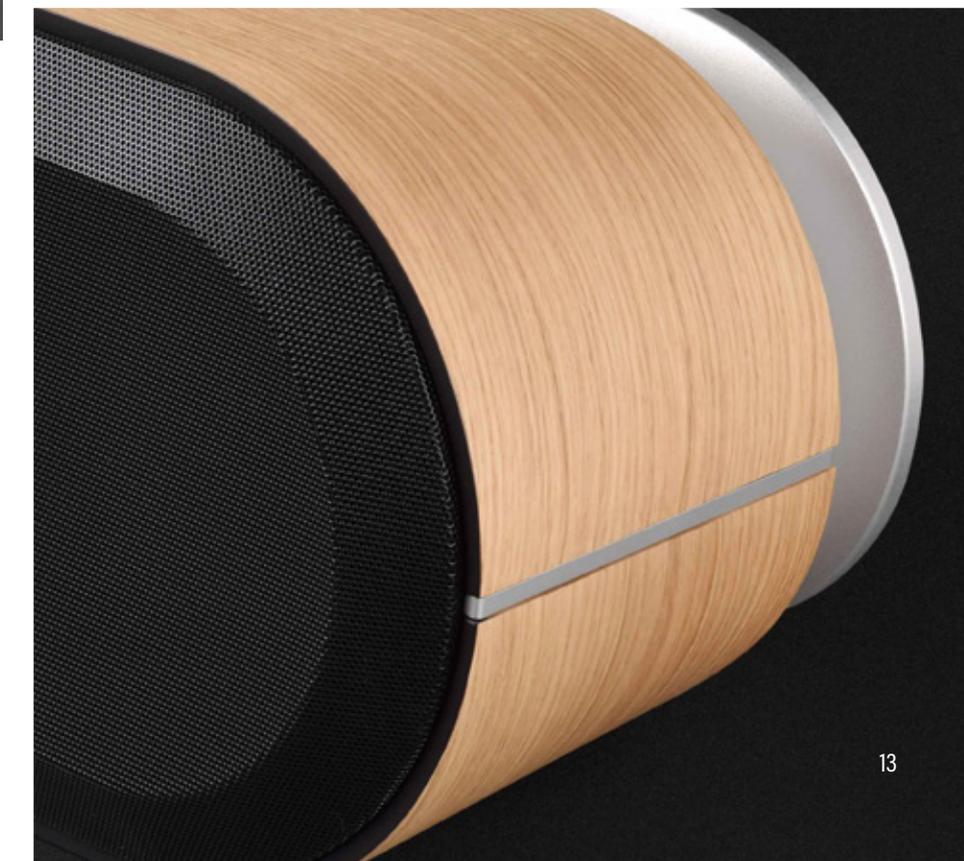
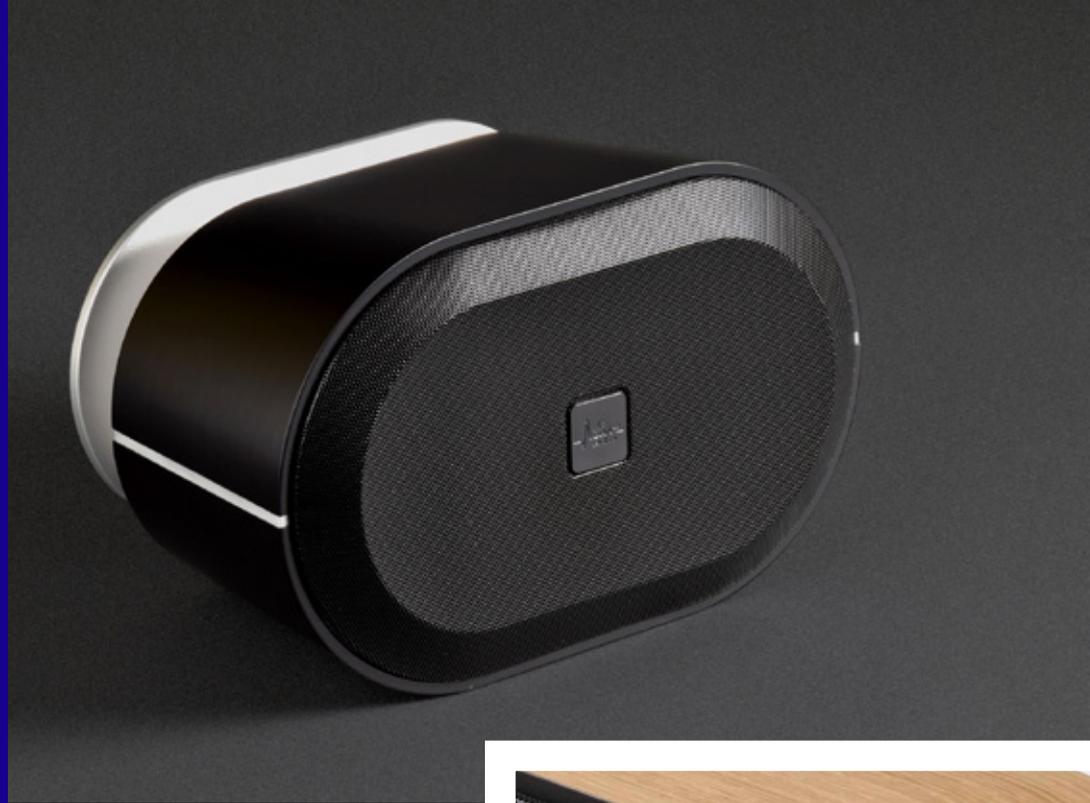
In a world where architects and interior designers are faced with a growing number of stringent requirements, Active Audio offers a completely new approach to loudspeakers that fulfils a need that until now has gone unanswered.

Vendôme takes the best of what the professional audio and high fidelity sectors have to offer. The loudspeakers in the Vendôme range deliver the same reliability as pro audio products and are capable of operating at high output levels without any deterioration in quality.

Furthermore, they can be installed in any venue with their stylish and customizable design, whether blending into the scenery or specifically used as a decorative feature.

Thanks to its sleek design, Vendôme will blend seamlessly into any premium or high-end store, restaurant, lounge bar, music bar and hotel.

Ultimately with the Vendôme range, loudspeakers no longer need to be hidden away out of sight.



	Color	Bandwidth	Power	SPL max	Dimension	Weight
VENDOME5_CLASSIC_DEEPBLACK	Black	60Hz-20000Hz	170W	108dB	340x220x170 mm	4,4 kg
VENDOME5_CLASSIC_PUREWHITE	White	60Hz-20000Hz	170W	108dB	340x220x170 mm	4,4 kg
VENDOME5_CLASSIC_NATURAL	Wood	60Hz-20000Hz	170W	108dB	340x220x170 mm	4,4 kg
VENDOME8_CLASSIC_DEEPBLACK	Black	47Hz-20000Hz	250W	113dB	470x300x230 mm	8 kg
VENDOME8_CLASSIC_PUREWHITE	White	47Hz-20000Hz	250W	113dB	470x300x230 mm	8 kg
VENDOME8_CLASSIC_NATURAL	Wood	47Hz-20000Hz	250W	113dB	470x300x230 mm	8 kg

SUBWOOFERS



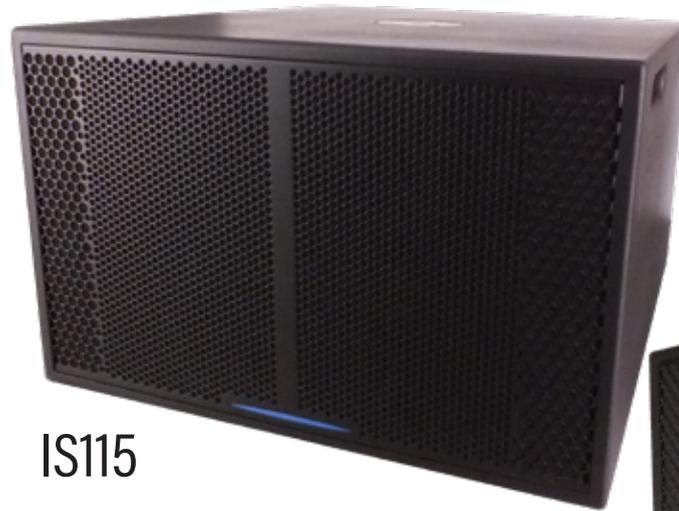
IS110

The exclusive acoustic design of the subwoofers of the iS range has the effect of greatly reducing the load volumes in order to achieve an optimal size / low cut-off frequency ratio while gaining in acoustic efficiency.

In fixed installation, the compact dimensions of the iS subwoofers allow a non-obstructive arrangement in restricted environments and can be perfectly integrated under small stages or platforms and even under seats or benches. The connectors embedded in a cutaway are protected and allow discrete wiring. The range is perfectly suited for venues such as, for example, small theatres, conference rooms or themed bars.



IS112



IS115



Reference	Color	Bandwidth	Power	SPL max	Dimension	Weight
iS110	B/W/COL	45Hz-180Hz	500W	132dB/1m	275x425x510mm	19,2kg
iS110-0	B/W	45Hz-180Hz	500W	132dB/1m	275x425x510mm	19,2kg
iS112	B/W/COL	45Hz-180Hz	800W	137dB/1m	325x525x610mm	24,1kg
iS112-0	B/W	45Hz-180Hz	800W	137dB/1m	325x525x610mm	24,1kg
iS115	B/W/COL	42Hz-180Hz	900W	138dB/1m	375x598x690mm	32,7kg
iS115-0	B/W	42Hz-180Hz	900W	138dB/1m	375x598x690mm	32,7kg

AMPLIFIERS



MPA 8200
POWER AMPLIFIER



	Stereo mode			Mono Bridged mode		Size	DSP	Weight
	8 Ohm	4 Ohm	2 Ohm	8 Ohm	4 Ohm			
MPA 4350	4x350W	4x350W	4x350W	2x700W	2x700W	1U	YES	5kg
MPA 4350 DANTE	4x350W	4x350W	4x350W	2x700W	2x700W	1U	YES	5kg
MPA 4700	4x500W	4x700W	4x700W	2x1400W	2x1400W	1U	YES	6kg
MPA 4700 DANTE	4x500W	4x700W	4x700W	2x1400W	2x1400W	1U	YES	6kg
MPA 41500	4x1500W	4x1500W	4x1500W	NA	NA	1U	YES	8kg
MPA 41500 DANTE	4x1500W	4x1500W	4x1500W	NA	NA	1U	YES	8kg
MPA 8200	8x200W	8x300W	---	4x600W	---	2U	NO	9kg
MPA 16700	16x500W	16x700W	16x700W	8x1400W	8x1200W	2U	NO	10kg

MPA 4350 - MPA 4700 - MPA 41500

AVAILABLE WITH DANTE

MPA series are professional amplifiers feature built-in DSP and and secure, remote control over the cloud.

Connect the amplifier easily to the WebUI on any HTML5 capable browser (MAC, PC, IOS, Android) with the built-in WiFi hotspot, or to a local area network via cat5 cable.

Multiple amplifiers can be controlled through the same WebUI using the trusted and comprehensive workflow of our IntelliWare software package.

Log in to Apex Cloud and remotely manage your amplifiers from your office. Save time and money by monitoring performance and adjusting functions without the need for a site visit.

Featuring high-end studio-grade analogue circuit designs, the MPA series sets a new benchmark in powered system management and speaker processing design. The proprietary Class-D amplifier control loop features GlidePath direct drive technology and exceptionally low intermodulation figures resulting in wide stereo imaging.

Whether the application is a standalone system amplifier, or a comprehensive networked system with multiple amplifiers, the MPA series is designed to provide the solution that our clients demand. With comprehensive loudspeaker preset capability, implementing CloudPower into your system couldn't be easier.



IN-CEILING



SINGHA COMPLEX (TH)

IN-CEILING SPEAKER



Audio Data

Efficiency	89dB/1W @ 1m
Frequency bandwidth	(-3dB / -10dB) 85Hz - 20kHz 50Hz - 20kHz
Horizontal opening angle	±180° (1kHz) / ±80° (4kHz)
Directivity Index	(DI) 1kHz / 4kHz 1.3 / 4.9
Woofer	165mm
Tweeter	25mm
Crossover	3.5kHz 2nd order

Electrical data

Continuous power	40W
Peak power	120W
Power taps	70V 2.5W 5W 10W 20W 100V 5W 10W 20W 40W
Nominal impedance	8Ω
Connections	Push spring terminals

Mechanical data

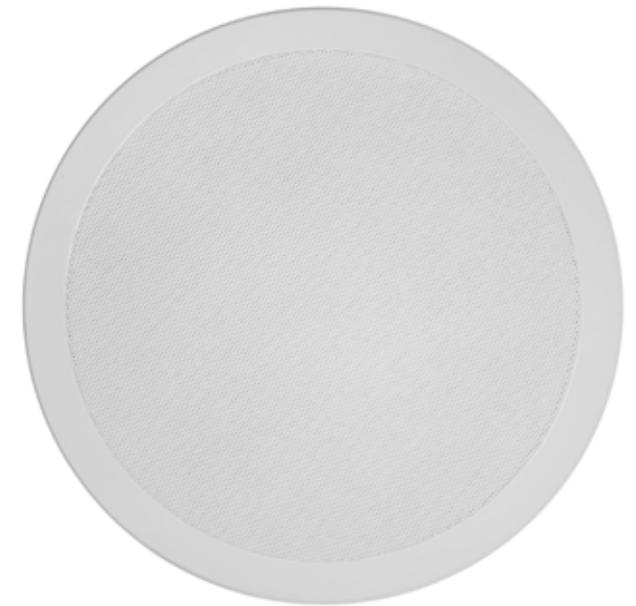
Visible diameter	280mm
Diameter hole recess	248mm
Min / Max ceiling thickness	9mm / 37mm
Weight	2.9kg
IP	23
Installation depth	min 177mm, 200mm is recommended

CL62 SERIES

This six-inch two-way ceiling speaker sets the gold standard for quality in this product series.

The CL62 reproduces speech and music with a high degree of accuracy. Its discreet design allows for seamless integration into the interior. It can be repainted and the logo can be removed.

The CL62 is designed for installation in prestigious venues. It has the same features as Active Audio's other products, including acoustic performance, easy installation and reliability.





TVV SOUND

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