



Full catalogue



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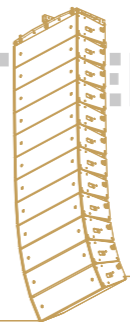



# EVOLUTION

Verity Audio Catalogue  
2024



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## Line array System

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IWAC208 system / IWAC210 system  
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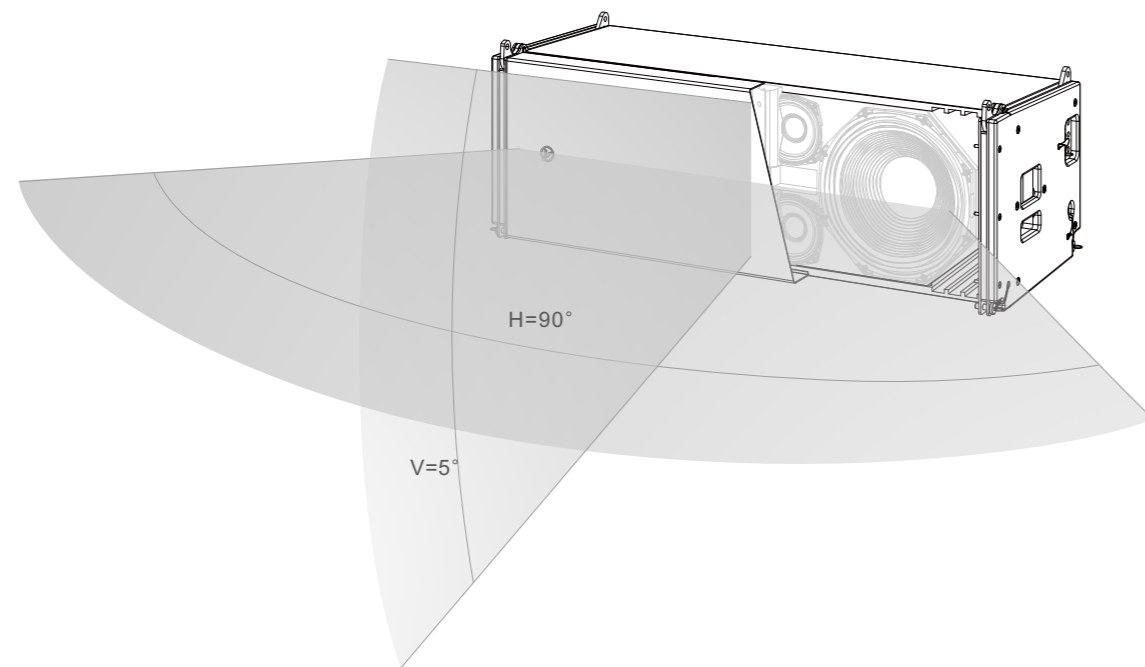
3-Way Dual 15" Line Array System



The V1 enclosure is the full-range element of a large format line array source with variable curvature. The V1 features two 15" speakers mounted in a bass-reflex enclosure, four 6.5" high-efficiency direct radiating speakers, and three 3" diaphragm compression drivers coupled to individual plane wave waveguides.

The V1 enclosure is based on a 3-way active design with 2 LF sections, 1 MF section and 1 HF section, each one at the nominal impedance of 8 ohms. The V1 enclosure is made of first grade Baltic birch plywood to ensure maximum acoustical and mechanical integrity.

The V1 enclosure operates over the nominal frequency range of 35 Hz to 20 kHz. The V1 generates a symmetric horizontal coverage of 90°. A four-point rigging system is integrated into the cabinet. The rigging system allows vertically assembling V1 enclosures with various inter-element angles up to 5°, constituting a line array with variable curvature.



**BEYOND PHYSICAL LIMITS**

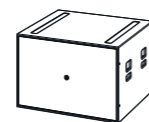
Dual long excursion 15" Subs + 4x6.5" Mid Range + 3x3" Nd compression drivers

\_SPL max > 148dB

\_H=90°, V=5°

\_Recommend for distance ≥ 100M

**Recommend modles for V1**



Subwoofer S2128



Stage Monitor CM15



3-Way Dual 12" Line Array System

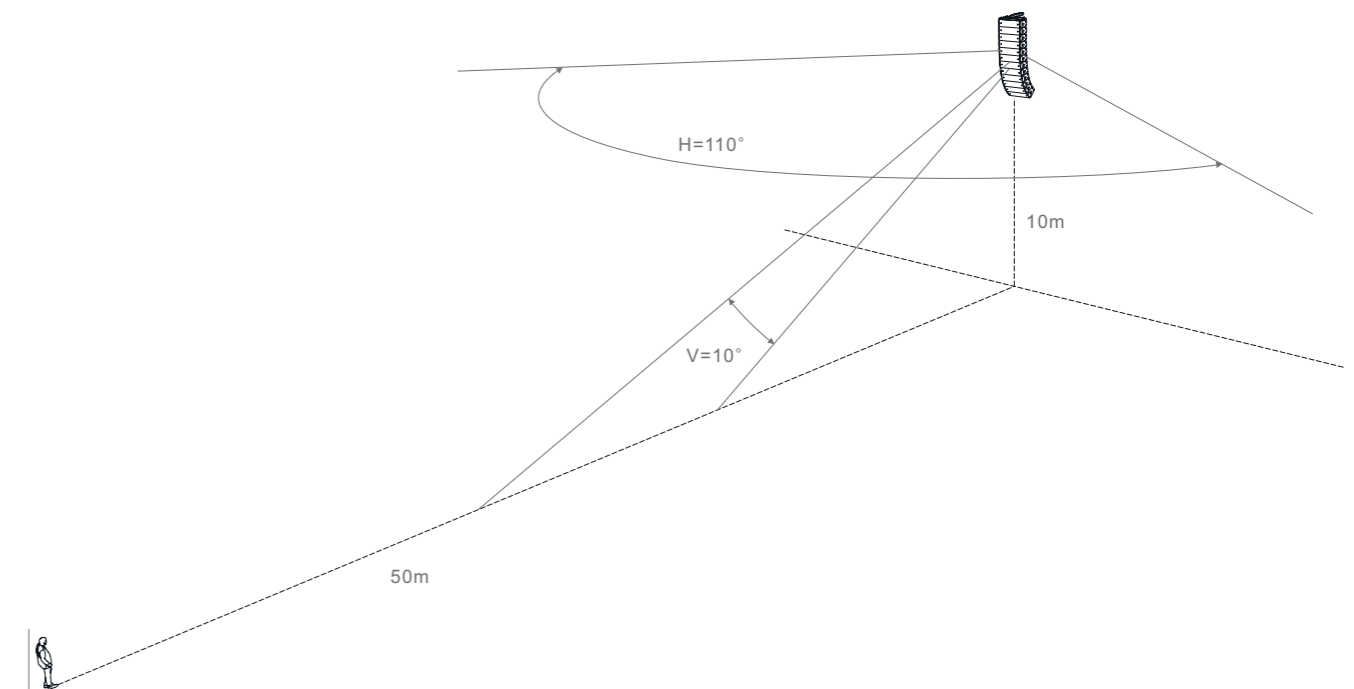


The 3-way quad amplified design, the transducers resources are among the characteristics giving V2 an exceptional ability to perform in many applications and with a record-breaking performance/weight ratio.

A V2 line source Inter-element angles can be set with laser like accuracy up to a generous 10°, allowing the optimization of the vertical coverage with SPL smoothly spread across the audience. Horizontally, the V2 coverage pattern can be adjusted to sector and match any audience or specific room geometries.

Thanks to its full range capability, the V2 enclosure can be deployed as a standalone line source. For applications demanding extreme LF impact or maximized LF projection.

The V2 system flexibility makes it suited to both permanent installation applications, from theatre or live house to stadium productions.



Dual long excursion 12" Subs and 4\*6.5" Mid Range (the highest performance Mid range driver in the world) and 2\*3" Nd compression drivers.

\_SPL max=146dB

\_H=110°, V=Depend on the applications

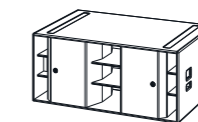
\_Recommend for distance ≥ 100M

\_Example is 12 PCS, MAX hanging QTY.=12PCS

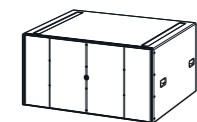
\_Basic transportation system for 3 PCS

\_A cordial Subs stack

**Recommend modles for V2**



Subwoofer S28H



Subwoofer VS28B(18"x2)



Stage Monitor CM15

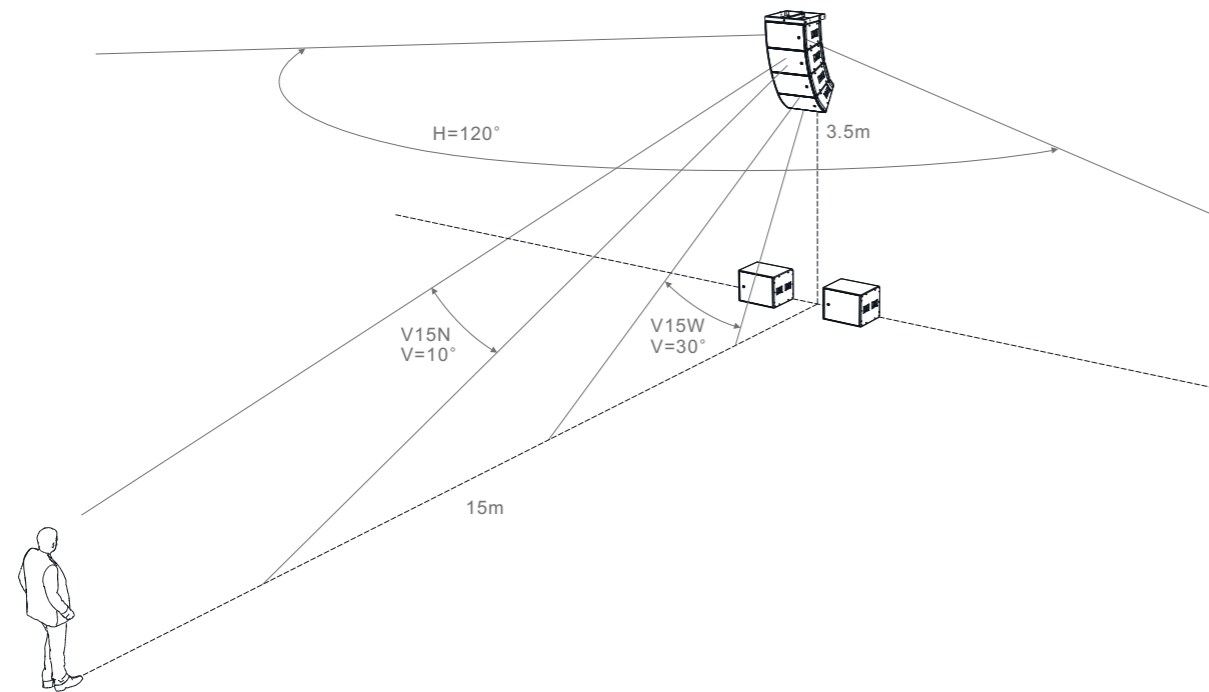
# V15

2-Way Line Array System



The V15N/W is a professional-grade high-power full range fixed curvature line array speaker designed for sound reinforcement with medium and near-field coverage from 15 to 20 meters.

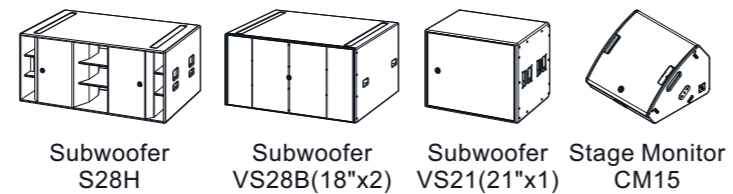
Using 15" bass with 1.4" throat treble configuration, inverted speaker design, with very surging low frequency energy output, combines high sound pressure and high sound quality.



LF: 1x 15" ferrite V.C: 3"  
HF: 1x 1.4" Neodymium V.C: 3"

### Recommend modles for V15N/W

- \_SPL max: 144dB(V15N), 141dB(V15W)
- \_Coverage(HxV): 120°x10°(V15N), 120°x30°(V15W)
- \_Example is 4 PCS
- \_Recommend for distance ≥ 15M, up to 45M
- \_Recommend subwoofer: VS21



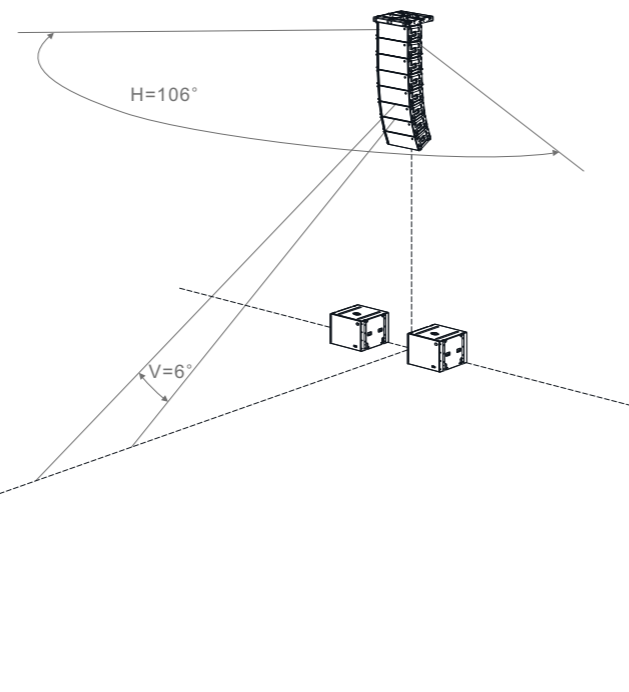


# IWAC208

2-Way Dual 8" Line Array System



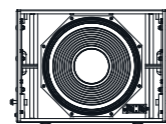
IWAC208 is a midsize, full range, passive, bi-amplified line array cabinet with Custom European drivers (2 x 8" LF and 2 x 1.75" HF) The exceptionally flat phase and frequency response and wide dynamic range deliver great sound for small to medium concerts, live events, and theatrical performances. Verity flexible mounting hardware system (with a 12 to 1 safety factor) supports both portable and permanent system designs.



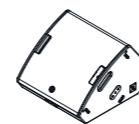
LF: 2x 8" Neodymium V.C: 2"  
HF: 2x 1.73" V.C: 1.73"

- \_SPL max > 136dB
- \_H=106°, V=6°(1 box)
- \_Example is 8 PCS
- \_Recommend for distance ≥ 15M, up to 45M
- \_Recommend subwoofer: SUB118T

### Recommend modles for IWAC208



Subwoofer  
SUB118T(18"x1)



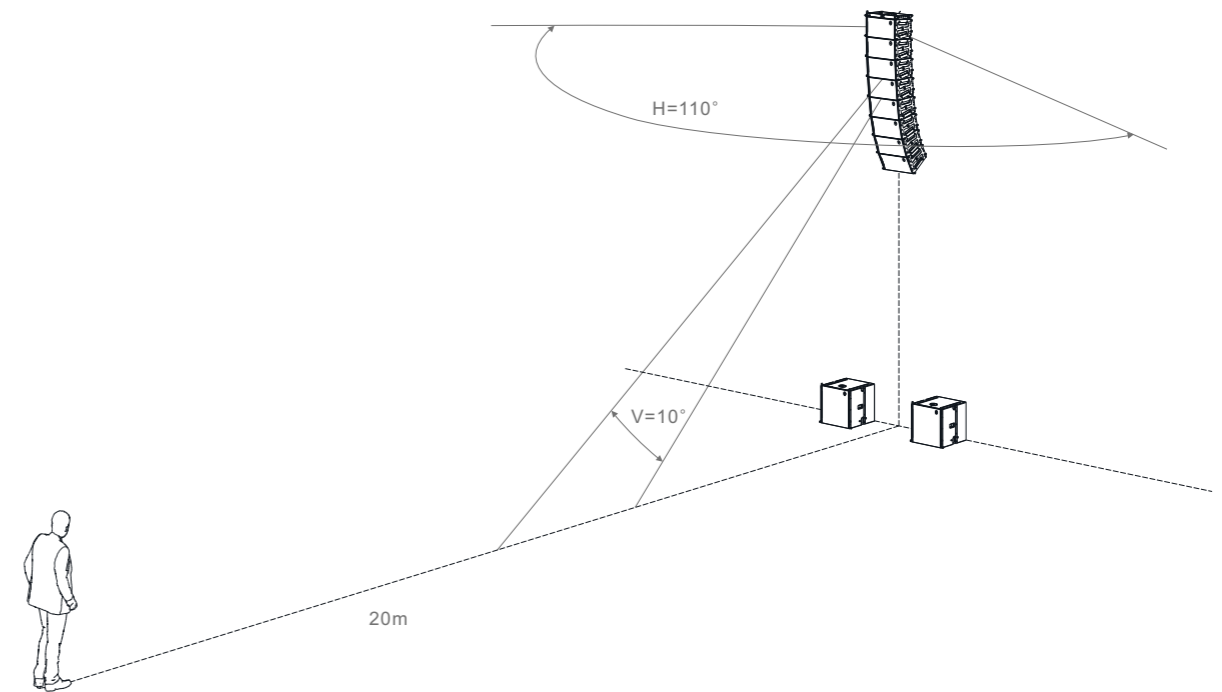
Stage Monitor  
CM15

# IWAC210

2-Way Single 10" Line Array System



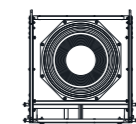
IWAC210 is a compact single, passive bi-amplified, line array cabinet with Custom European drivers . The high output, exceptionally flat frequency response, and wide dynamic range deliver great sound for small to medium concerts, live events, and theatrical performances. A flexible rigging systems supports both portable and permanent system designs.



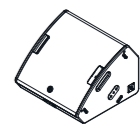
LF: 1x 10" Neodymium V.C: 2"  
HF: 2x 1.73" V.C: 1.73"

- \_SPL max > 136dB
- \_H=110°, V=10°(1 box)
- \_Example is 8 PCS
- \_Recommend for distance ≥ 15M, up to 45M
- \_Recommend subwoofer: SUB115T

### Recommend modles for IWAC210



Subwoofer  
SUB115T(15"x1)



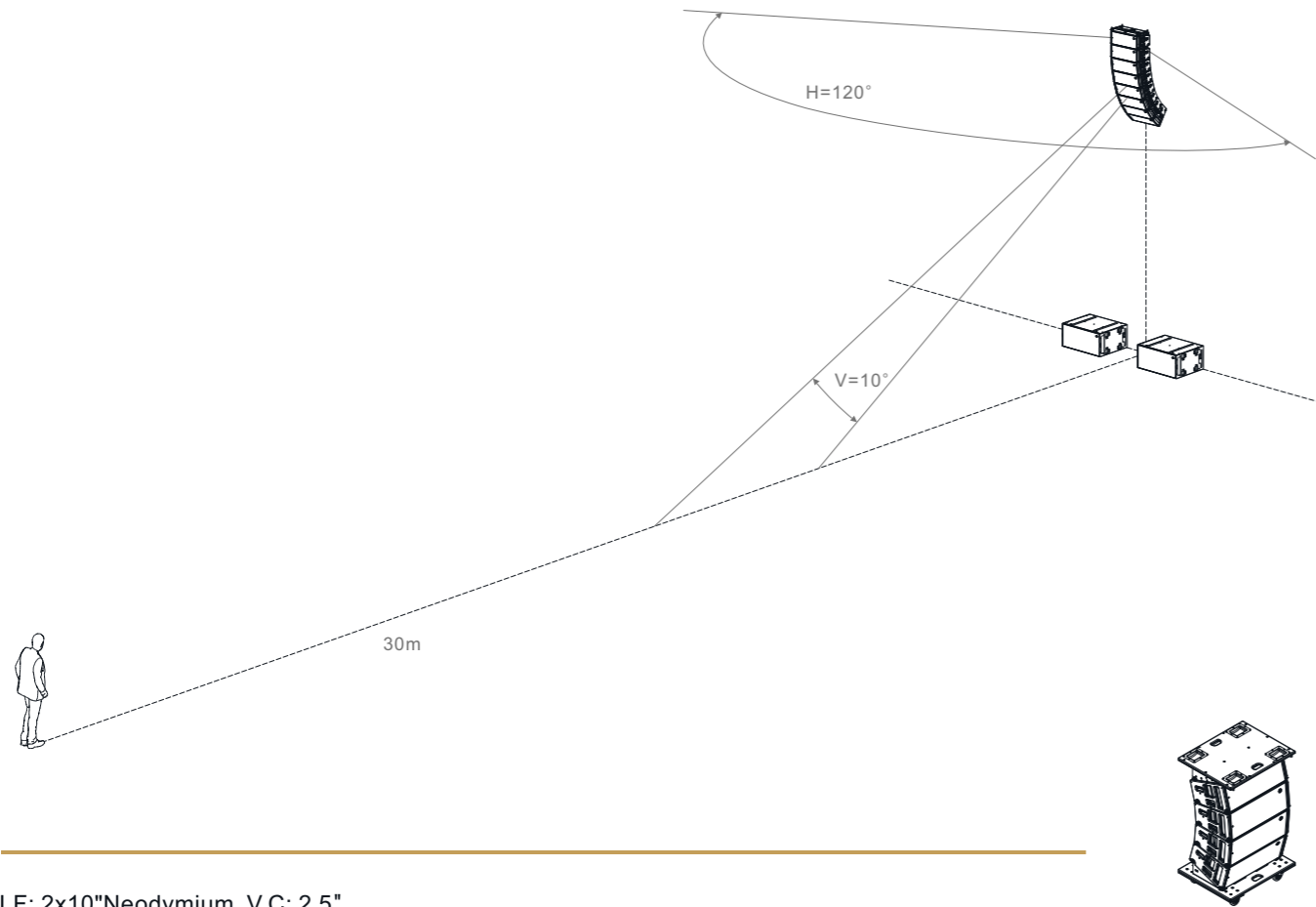
Stage Monitor  
CM15

# IWAC220

Passive Dual 10" Vertical Line Array System



The IWAC 220 is a full-range, passive Dual 10" vertical line array cabinet. Careful cabinet design and driver placement have resulted in reduced mechanical driver offset and group delay minimizing the need for time and phase correction, producing a balanced full-range, hi-fidelity listening experience even in the far field.

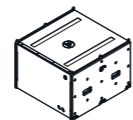


LF: 2x10" Neodymium V.C: 2.5"  
HF: 2x1.73" V.C: 1.73"

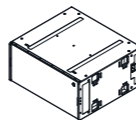
IWAC220-4UVTS

- \_SPL max > 136dB
- \_H=120°, V=10°(1 box)
- \_Preset each array angle on ground then lift it directly to use
- \_Innovative vertical transport design(IWAC220-4UVTS)
- \_Example is 8 PCS, MAX hanging QTY. ≤16PCS
- \_Recommend subwoofer: SUB136T/SUB118TL

### Recommend modles for IWAC220



Subwoofer  
SUB118TL  
(18"x1)



Subwoofer  
SUB136T  
(18"x2)



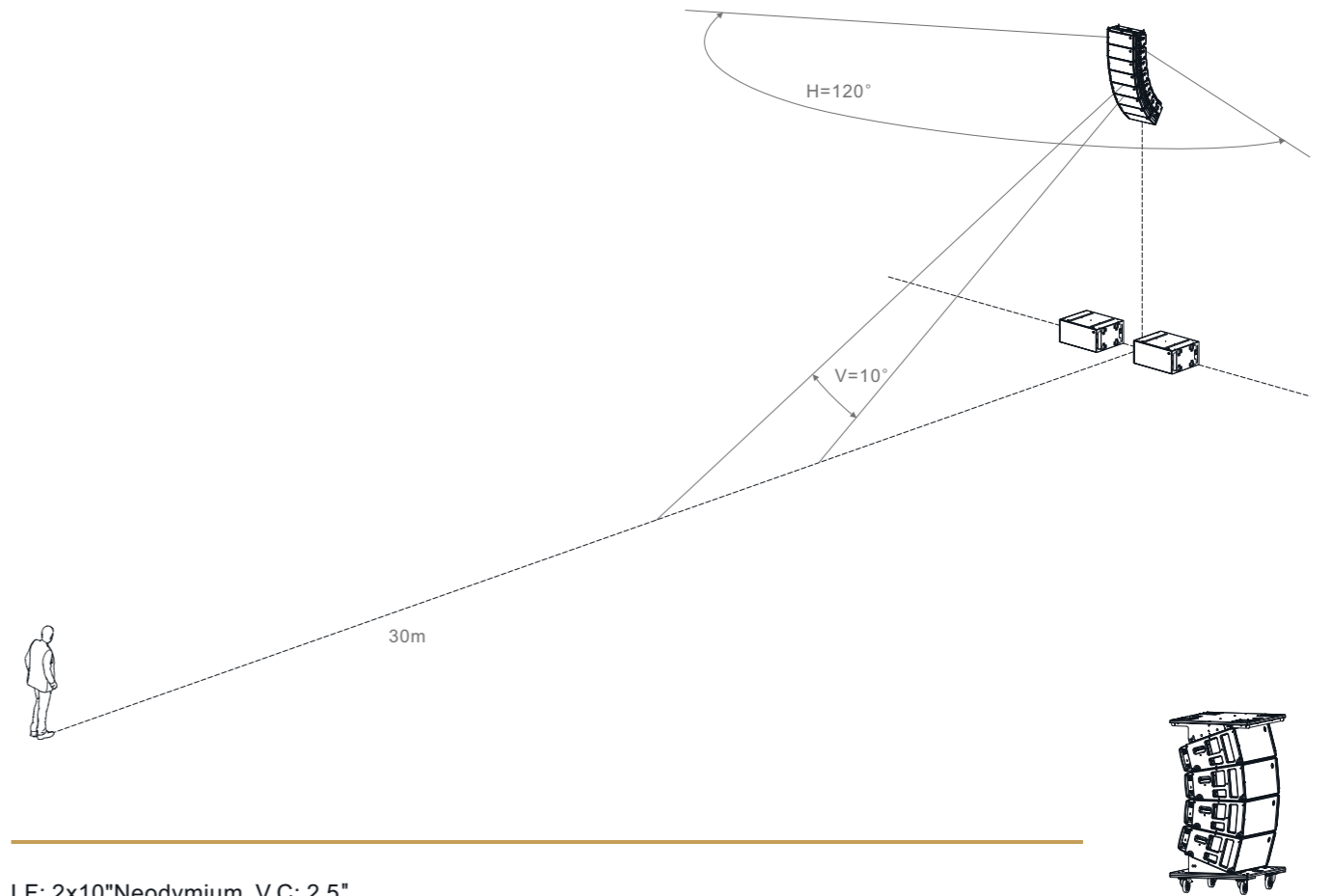
Stage Monitor  
CM15

# IWAC220P

Active Dual 10" Vertical Line Array System



IWAC220P is the first Active Linear-Array product from Verity Audio. Each full-range cabinet is loaded with dual-10" LF and dual-1" Exit, horn-loaded HF compression drivers. The result of careful mechanical design and driver positioning has minimized the need to use electronic correction of group delay for phase correction, yielding our newest generation of high resolution audio.

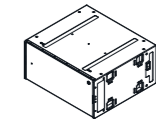


LF: 2x10" Neodymium V.C: 2.5"  
HF: 2x1" Neodymium V.C: 1.73"  
Each of the drivers has a separate DSP and Amplifier channel (2 X 860W RMS + 2 X 230W RMS)

IWAC220P-4UVTS

- \_SPL max > 138dB
- \_H=120°, V=10°(1 box)
- \_Preset each array angle on ground then lift it directly to use
- \_Innovative vertical transport design(IWAC220P-4UVTS)
- \_Removable Class D amplifier module with 100V-240V universal voltage
- \_Built-in processor to deliver impressive sound
- \_Example is 8 PCS, MAX hanging QTY. ≤12PCS

### Recommend modles for IWAC220P



Active Subwoofer  
SUB136TP(18"x2)



Active Stage Monitor  
CM15P



**EDM**  
Sound System

Napol system  
EVO15 Gold system  
MONSTER system



# Napol

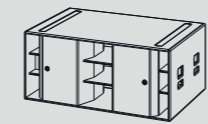
Passive 2-Way Loudspeaker

The Napol loudspeaker is a high performance loudspeaker in a 2-way passive design using neodymium drivers.

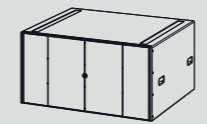
The loudspeaker is a single box solution employing two 15" driver in a bass-reflex enclosure and a HF+MF section with a large horn for accurate pattern control providing rotatable dispersion characteristics of 80° x 60°. It is equipped with a 1.4" exit compression driver. The two 15" LF drivers are positioned in a dipolar arrangement providing exceptional vertical dispersion control even at lower frequencies. Specially designed ports with optimized flow characteristics provide a considerably improved, efficient low frequency reproduction.

With a frequency response extending from 38 Hz to above 18 kHz. The enclosure is constructed from marine plywood with an impact resistant black paint finish.

## Recommend modes for Napol



Subwoofer S28H



Subwoofer VS28B(18"x2)

LF: 2x15" V.C: 4.5"  
Coaxial MF+HF driver: 1x1.4" V.C: 4"+2.5"

- \_SPL max > 138dB
- \_Coverage(HxV): 80°x 60°
- \_Example is 3 PCS

# EVO15 Gold

Passive 2-way Horizontal array-able Point Source Speaker

The EVO15 Gold are high performance passive 2-way loudspeakers. Employing a single 15" driver in a bass-reflex enclosure of installed sound applications. Designs using a 1.4" exit driver and large horns for accurate pattern control.

They provide rotatable dispersion characteristics of 60° x 75° .

With a frequency response extending from 40Hz to 20kHz (processed), the cabinets can be used as full range systems or supplemented by different subwoofers of the VS-series.

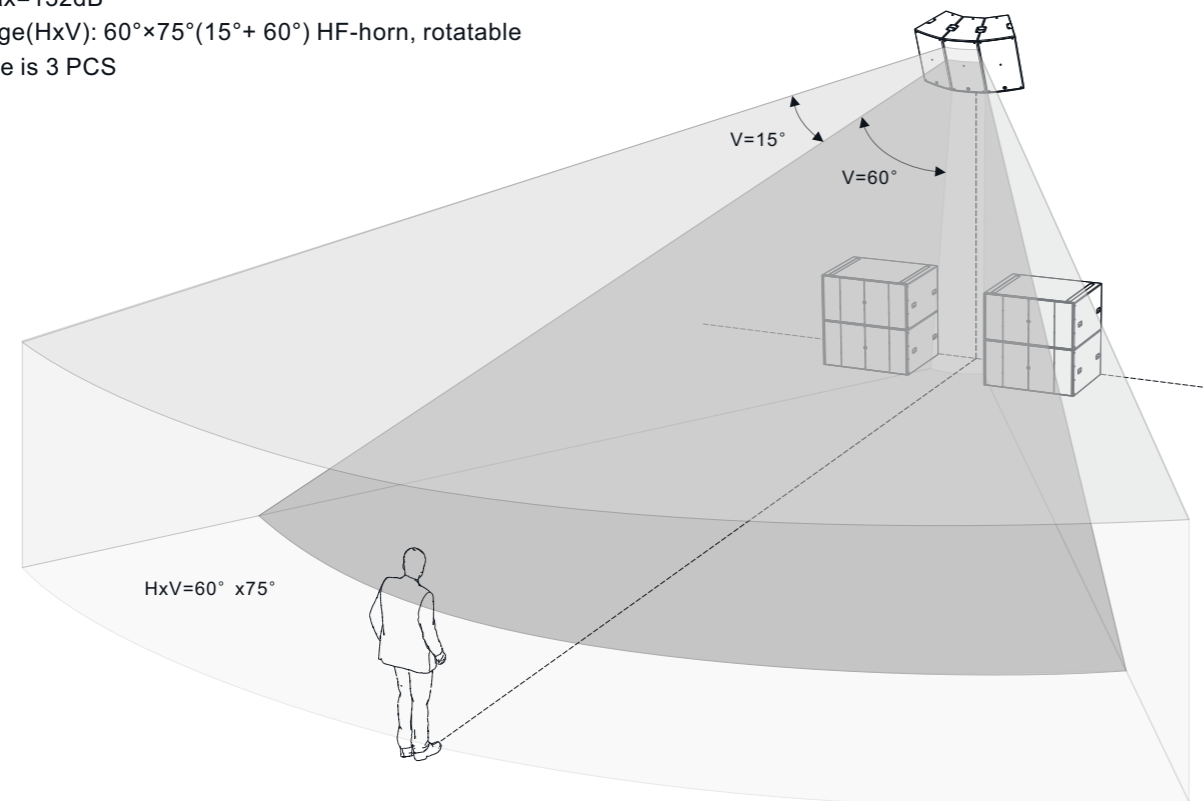
LF: 1x 15" cone driver V.C: 4"

HF: 1x1.4" exit with 3" diaphragm ferrite transducers

\_SPL max=132dB

\_Coverage(HxV): 60°x75°(15°+ 60°) HF-horn, rotatable

\_Example is 3 PCS



# MONSTER

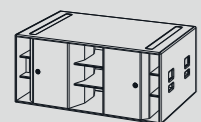
The Next Generation Of Sound System For Today's EDM

Super Monster is two meters high after stacking. The full stack consists of 2 X Asymmetric HF Horns , 2 X double 12" mid-bass and 2 X 21" ultra bass. UHF drivers can be added for the ultimate in power and fidelity. Super Monster at 15 meters away in a reverberant free space can reach 142dB instantaneous maximum sound pressure level.

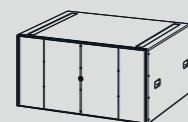
\_SPL max=142dB

\_Coverage(HxV): UHF:40°x 40°; Monster212:110°x 80°(up20°xdown60°)

## Recommend modles for EVO15 Gold



Subwoofer S28H

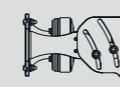


Subwoofer VS28B(18"x2)

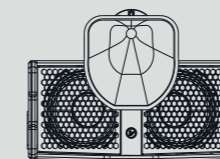


Subwoofer VS28C(18"x2)

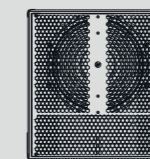
## Recommend modles for MONSTER



MONSTER 212-UHF



MONSTER 212-HF  
MONSTER 212-LF



Subwoofer  
MONSTER 121S(21"x1)



# eXtrao

Coaxial full range speaker with horn load subwoofer

The Extrao series is a three way horn load speaker, composed of a single 12"/15"/18" ultra-low frequency and coaxial full frequency unit combination. The exterior design of the box is elegant, and it is a semi professional and semi civilian fixed installation horn load speaker.

<b>eXtrao812</b>	Coaxial: 8"+1" V.C: 2"+1.7"	LF: 12" V.C: 3"
<b>eXtrao1015</b>	Coaxial: 10"+1.3" V.C: 2.5"+2.5"	LF: 15" V.C: 4"
<b>eXtrao1218</b>	Coaxial: 12"+1.3" V.C: 3"+3"	LF: 18" V.C: 4"



# GE

Environment-friendly invisible coaxial speaker

- \_ Integrated with architectural lines
- \_ Harmonized with architectural style
- \_ 90 ° ceiling wall angle installation
- \_ Invisible geometric coaxial full frequency speaker
- \_ Full and rich sound

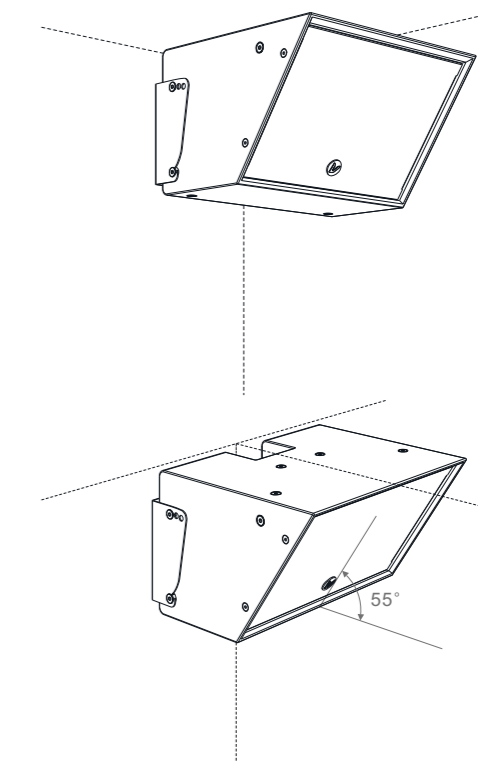


The GE series speakers are designed with a single coaxial full range driver and no auxiliary subwoofer. This results in zero phase distortion, a very compact box, and very high sensitivity.

The GE series speakers are designed with a 90 ° intersection angle between the top cover and back panel. This shape perfectly matches the angle between the wall and ceiling, allowing it to perfectly fit into the space between the wall and ceiling, harmoniously integrating into the entire building space.

The GE series features a downward sloping panel with an angle of -35 °. This is a golden value. This -35 ° angle, combined with the horn dispersion angle of the coaxial driver, meets the usage requirements of 70% of the applications, and the audiences are able to listen a sound of full range no matter standing or sitting down. In order to cope with more special applications, the GE series mounting bracket also provides a simple angle adjustment structure that can adjust a larger downward tilt angle. The GE series, when paired with this bracket, can almost 100% meet the sound coverage requirements of all application sites. When adjusting the coverage angle of traditional rectangular speakers, an L-shaped bracket must be used to tilt the entire box downwards. That way, the already large box will float out of the wall like a suspended object, making it feel very abrupt and blocking the view, even damaging the overall decoration of the building.

The surface of the speakers is made of advanced moisture-proof and wear-resistant polyurea spraying materials, and the color and surface texture are very similar to most wall coatings or decoration materials, making the speaker integrated with the environment, and the entire speaker seems to be hidden in a building. We call this environmentally friendly design.



## Full range System

- eXtrao
- GE
- Puissant / P
- MUSE / MUSE P



# Puissant

High level multiple purpose full range speaker

The Puissant series is a high performance passive 2-way loudspeaker. A single 10"/12"/15" ferrite driver in the bass reflex cabinet and different high frequency sections is suitable for sound applications in a variety of installations. They offer 90° x 70° rotatable dispersion characteristics.

With a frequency response extending from 45Hz to 18kHz (processed), these cabinets can be used as a full-range system or complemented by different subwoofers from the SUB or VS series.

The innovative wood colored exterior is designed specifically for wood style architecture, achieving a perfect integration of sound, appearance, and architecture.

Customized black rain cover UV protection can meet various occasions and applications.



	Driver	SPL max	Coverage
<b>Puissant 10</b>	LF: 1x10" cone driver V.C: 3" HF: 1x1" V.C: 1.7"	>130dB	90° x 70°
<b>Puissant 12</b>	LF: 1x12" cone driver V.C: 3" HF: 1x1.4" V.C: 3"	>132dB	90° x 70°
<b>Puissant 15</b>	LF: 1x15" cone driver V.C: 4" HF: 1x1.4" V.C: 3"	>134dB	90° x 70°

# P

High level multiple purpose full range speaker

The P series is a high performance passive 2-way loudspeaker. A single 10"/12"/15" ferrite driver in the bass reflex cabinet and different high frequency sections is suitable for sound applications in a variety of installations. They offer 90° x 70° rotatable dispersion characteristics.

With a frequency response extending from 45Hz to 18kHz (processed), these cabinets can be used as a full-range system or complemented by different subwoofers from the SUB or VS series.



	Driver	SPL max	Coverage
<b>P 10</b>	LF: 1x10" cone driver V.C: 3" HF: 1x1" V.C: 1.7"	>130dB	90° x 70°
<b>P 12</b>	LF: 1x12" cone driver V.C: 3" HF: 1x1.4" V.C: 3"	>132dB	90° x 70°
<b>P 15</b>	LF: 1x15" cone driver V.C: 4" HF: 1x1.4" V.C: 3"	>134dB	90° x 70°

## Recommend modles for Puissant / P



Subwoofer  
VS28C(18"x2)

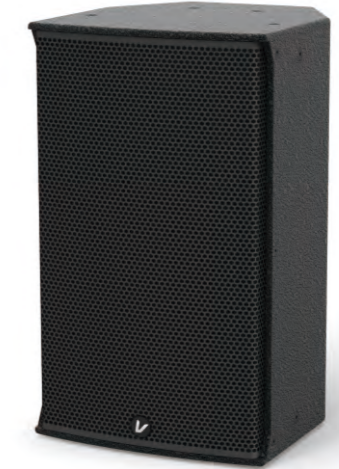
# Muse

Entry level multiple purpose full range speaker

MUSE Series are passive full-range 2-way loudspeakers designed for portable and installed sound reinforcement applications. It features a 90° X 60° a user rotatable horn with a custom European 1"exit high-frequency compression driver and low-frequency woofer.

Performance in the near field is exceptional and makes it ideal for DJ and Karaoke, meeting space and small club sound reinforcement applications.

Specially designed cabinet venting allows for placement close to walls to enhance low frequency depth and warmth.



	Driver	SPL max	Coverage
<b>MUSE 6</b>	6.5" coaxial V.C: 1.5"+1"	>118dB	90° x 90°
<b>MUSE 8</b>	8" coaxial V.C: 2"+1.4"	>125dB	90° x 90°
<b>MUSE 10</b>	10"+1" V.C: 2.5"+1.4"	>130dB	90° x 60°
<b>MUSE 12</b>	12"+1" V.C: 2.5"+1.4"	>131dB	90° x 60°

# Muse P

Entry level multiple purpose active full range speaker

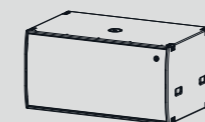
The MUSE P Series is our range of Active Full-Range Multi-purpose sound reinforcement cabinets. Optimized passive internal crossover delivers exceptionally flat phase response and is coupled to a robust full-featured amplifier module (operating on 100-240VAC).

Input panel has built-in Microphone and Line inputs plus a Line Output. Other features are volume control knob, a small OLED display to monitor AC Voltage and Temperature plus a 7 segment LED array displaying power on, signal level, clipping and protection status. Front grill has an LED Power indicator that can be switched off from back panel.



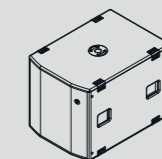
	Driver	Power module	SPL max	Coverage
<b>MUSE 8P</b>	LF: 1x8" ferrite V.C: 1.8" HF: 1x1" ferrite V.C: 1"	400W/Class D/100V-240V~	126dB	90° x 90°
<b>MUSE 10P</b>	LF: 1x10" ferrite V.C: 1.8" HF: 1x1" ferrite V.C: 1"	600W/Class D/100V-240V~	128dB	90° x 60°
<b>MUSE 12P</b>	LF: 1x12" ferrite V.C: 2" HF: 1x1" ferrite V.C: 1.4"	860W/Class D/100V-240V~	132dB	90° x 60°
<b>MUSE 15P</b>	LF: 1x15" ferrite V.C: 2.5" HF: 1x1.4" V.C: 2.5"	860W/Class D/100V-240V~	134dB	90° x 60°

## Recommend modles for MUSE

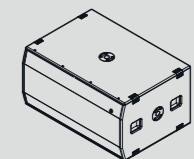


Subwoofer  
SUB218(18"x2)

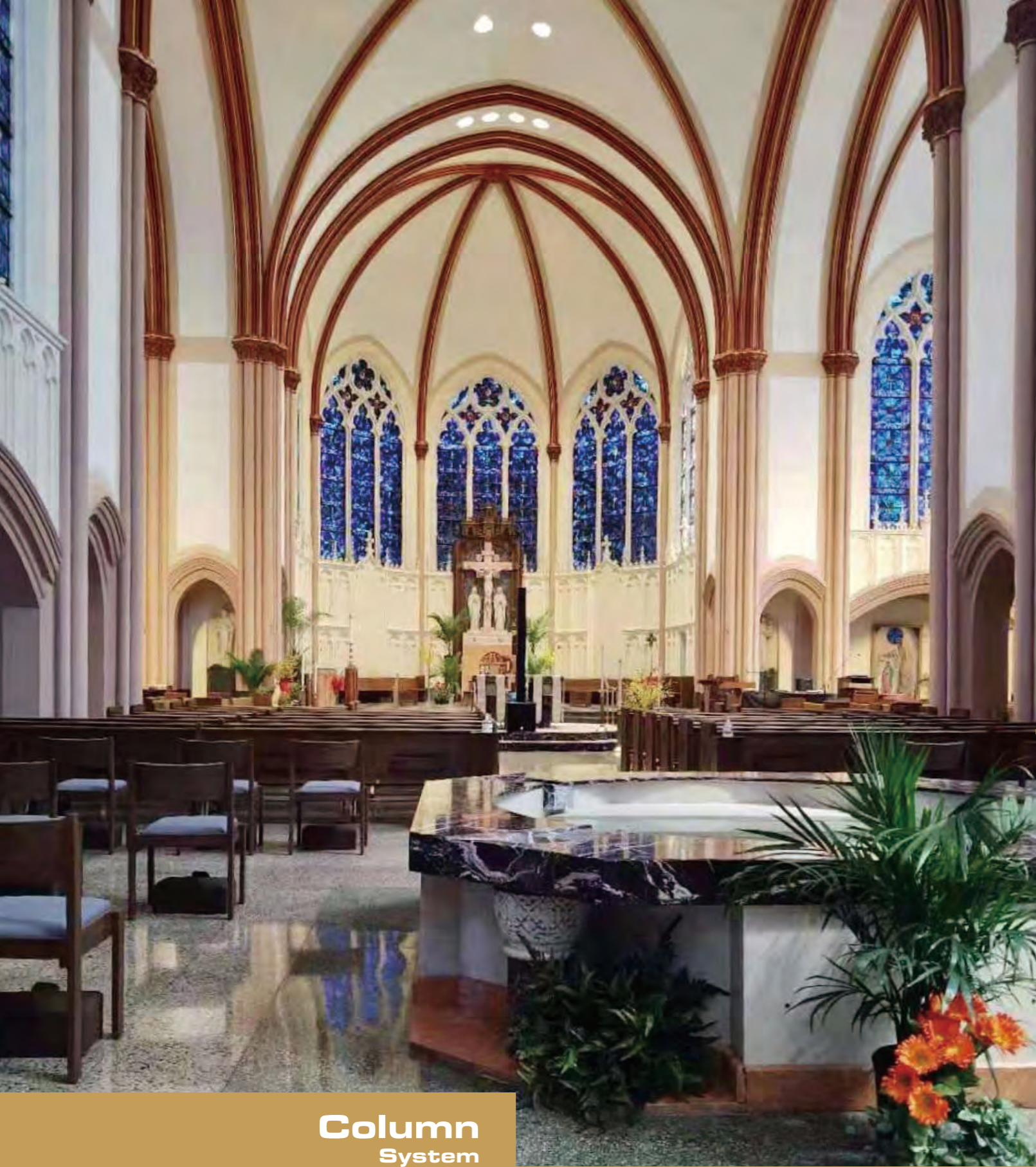
## Recommend modles for MUSE P



Subwoofer  
SUB115P(15"x1)



Subwoofer  
SUB215P(15"x2)



## Column System

AC  
Ambience  
G



The NAMM SHOW Loudspeaker System Showcase in America

# AC12.3P

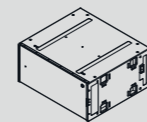
Steerable Vertical Coverage Angle Active Column

Driver: 12 x 3" Full range European drivers  
Power module: 4x230W(40ms)/Class D

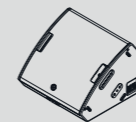
- \_ SPL max=123dB
- \_ H=120°@5kHz, V=Configurable
- \_ Compact, portable, high SPL arrayable column design
- \_ Built in multi channel digital amplifier and DSP module precise adjustment of vertical sound beam control
- \_ MAX 8 pics AC12.3P to hand with linear and get 8 meter long lineal source it can throw to 100 meter in effective frequency
- \_ The best choice for medium or small concert and indoor invisible fixed installation



### Recommend modes for AC12.3P



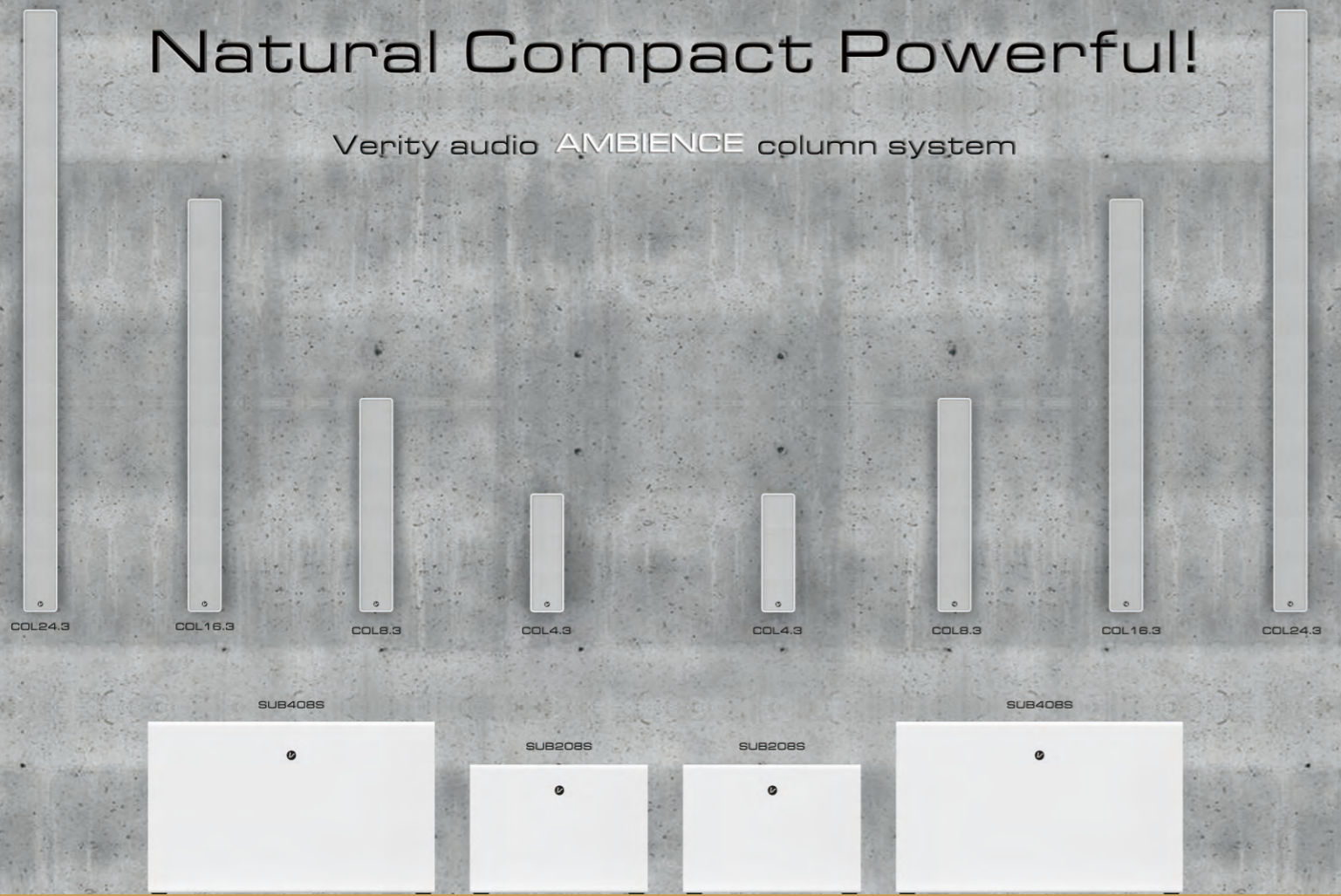
Active Subwoofer  
SUB136TP(18"x2)



Active Stage Monitor  
CM15P

# Natural Compact Powerful!

Verity audio AMBIENCE column system



## AMBIENCE

Selectable vertical dispersion angle passive column

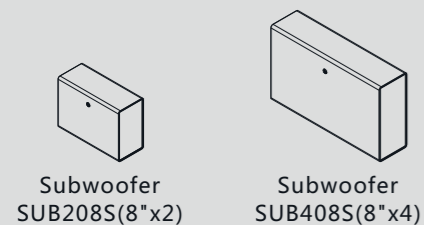
The AMBIENCE loudspeakers series feature a unique design with a high quality finishing and a superior sound performance. AMBIENCE is the ideal series to provide an exquisite and powerful sound to a wide range of movable and fixed installation applications such as on fashion shops or retail stores, luxurious KTV, high-end bars and clubs, auditoriums, theaters or even home cinemas.

The COL4.3, COL8.3, COL16.3 and COL24.3 columns are composed of four, eight, sixteen and twenty-four 3" full range neodymium drivers respectively. One of the major benefits of the COL speakers is the narrow vertical angle of its sound beam. This feature is very helpful to reduce undesired ceiling reflections and have a better distribution of the sound pressure.

Additionally, the vertical aperture angle of its sound beam can be adjusted to precisely focus it on the audience. The COL speakers provide a crystal clear and free of distortion mid and high frequencies particularly appropriate for vocals sound reproduction.

Driver: 4 x 3"/8 x 3"/16 x 3"/24 x 3" full range European neodymium driver  
 SPL max: COL4.3: 126dB (Peak) COL8.3: 131dB (Peak) COL16.3: 137dB (Peak) COL24.3: 140dB (Peak)

### Recommend modles for Ambience



## G

Environment-friendly invisible column speaker

- \_ Integrated with architectural lines
- \_ Harmonized with architectural style
- \_ 90° wall angle installation
- \_ Invisible geometric column system
- \_ Full and rich sound



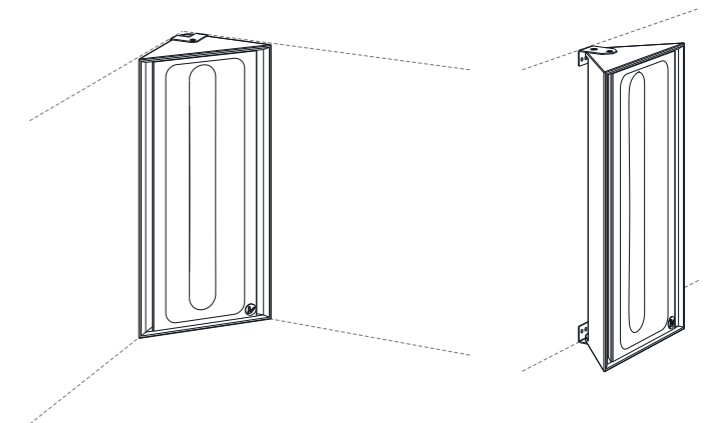
The G series uses a circular waveguide to control the diffusion angle of sound waves, allowing the sound beam to focus with high gain within a specified angle. After fully utilizing sound efficiency, sound can also be projected onto designated coverage areas to meet the needs of engineering sound coverage.

The 90° right angle back design of the G series is 100% aligned with the wall angle of the building, allowing the speaker to integrate with the environment after installation. Painting the box with wall like paint. The entire speaker can be hidden within the building, making it an excellent environmentally friendly sound reinforcement speaker.

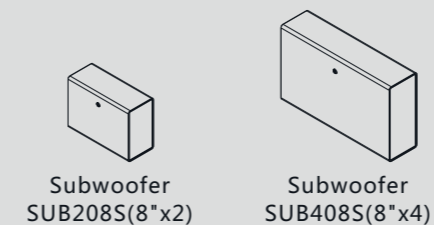
Driver: 4 x 3"/8 x 3"/16 x 3"/24 x 3" full range  
 European neodymium driver

SPL max: G43 > 125dB G83 > 130dB  
 G163 > 136dB G243 > 139dB

Coverage(HxV)  
 G43: 120°x20°  
 G83: 120°x10°(20°) Selectable  
 G163: 120°x15°(30°) Selectable  
 G243: 120°x50°



### Recommend modles for G





## KTV System

KB12  
KH12



## KB12

2-Way full range speaker

KB12 is a professional-grade high-power full-range speaker specially designed for sound reinforcement for high-end KTV clubs.

Using 12" bass with 1" throat front-drive neodymium magnet tweeter configuration, inverted speaker design, rear air duct output, installed in KTV with very surging low frequency and full mid frequency, delicate high frequency tone performance.

Coverage angle of the speaker is 70°x60°, the sound field coverage is uniform and flat whether it is suspended vertically or horizontally.

There are 10cm spacing suspension points specially designed for universal speaker hanger on three sides of the speaker, which can be suspended by universal speaker hanger. In addition, there are M8 corner yard hanging points on the front and rear of the speaker, which can also be suspended by hanging ring screws.



Driver: LF: 1x 12" ferrite V.C: 3" HF: 1" Neodymium V.C: 1.5"

\_SPL max: 131dB

\_H=70°, V=60°

## KH12

2-Way full range speaker

The KH12 is a high performance passive 2-way loudspeaker.

A single 12" ferrite driver in the bass reflex cabinet and different high frequency sections is suitable for sound applications in a variety of installations.

Designed for precise mode control using 1" outlet neodymium drivers and large corners. They offer 50° to 100° x 55° rotatable dispersion characteristics.

With a frequency response extending from 43Hz to 20kHz (processed), these cabinets can be used as a full-range system or complemented by different subwoofers from the SUB or VS series.

The shell is made of birch plywood with impact-resistant black grit-point state paint. The front of the cabinet is protected by a sturdy metal grill.



Driver: LF: 1x 12" ferrite V.C: 3" HF: 1" Neodymium V.C: 1.75"

\_SPL max: 131.5dB

\_H=50° to 100°, V=55°

## Stage Monitor

CM15  
CM15P



## CM15

2-Way Passive Coaxial Enclosure Stage Monitor

The CM15 is a passive coaxial system designed as a reference stage monitor. The enclosure features a 3" diaphragm compression driver coaxially-loaded by a low frequency transducer in a bass-reflex cabinet.

It provides a stage monitoring angle setting of with regard to vertical or thanks to its built-in risers. for special narrow all applications, the CM15 can be pole-mounted using the integrated socket or down and tilted in various orientations using its rigging accessories.

The CM15 combines all the qualities of a reference stage monitor. It offers power (SPL) in beamwidth, an excellent acoustic isolation with its narrow ellipsoid directivity of x , a high immunity to feedback, an ultra-low profile and low weight for integration and handling, a rugged build and an active design with low latency preset. In addition, sound designers can take advantage of its directivity for narrow all applications.

The CM15 can be pole-mounted using the integrated socket. Other deployments such as wall-mounted, ceilingmounted or down are quick and easy, with a complete range of rigging accessories that offer multiple set-up options and various orientations.



## CM15P

2-Way Active Coaxial Enclosure Stage Monitor

The CM15P is an active coaxial system designed as a reference stage monitor. The enclosure features a 3" diaphragm compression driver coaxially-loaded by a low frequency transducer in a bass-reflex cabinet.



Driver: LF: 1x 15"cone driver V.C: 3"  
HF: 1x1.4" coaxial exit with 3" diaphragm neodymium

\_SPL max: 134dB  
\_H=40°, V=60°



Driver: LF: 1x 15"cone driver V.C: 3"  
HF: 1x1.4" coaxial exit with 3" diaphragm neodymium

Power module:  
800W(RMS)/1600W(Program)/Class D/100V-240V~ 50/60Hz

\_SPL max: > 134dB  
\_H=40°, V=60°

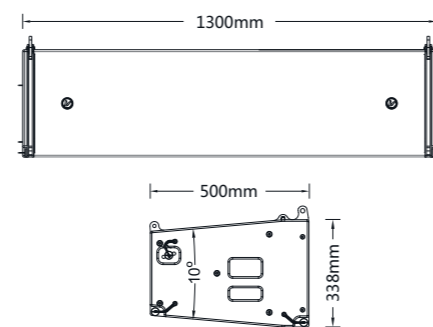
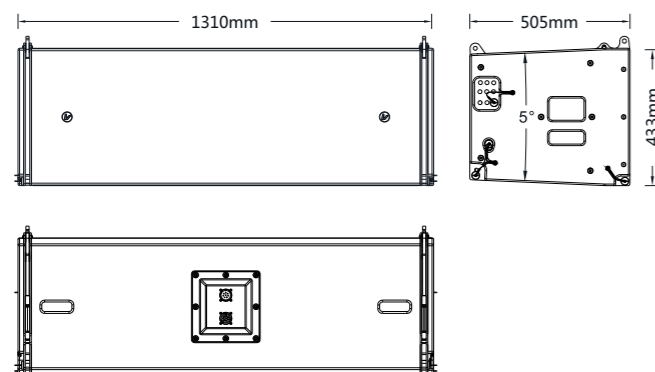


Acoustics	V1	V2
Power handling capacity	LF : 2000W/MF : 800W/HF : 660W (Program)	LF : 2x 1000W/MF : 1600W/HF : 440W (Program)
Frequency response*	35Hz~20kHz (Processed)	33Hz~20kHz (Processed)
Maximum SPL*	> 148dB (Processed)	146dB (Processed)
Nominal impedance	LF : 2x 8Ω/MF : 8Ω/HF : 8Ω	LF : 2x 8Ω/MF : 8Ω/HF : 16Ω
Horizontal	90° symmetric	110°
Vertical	Dependent upon the number of elements and array curvature	Dependent upon the number of elements and array curvature
HF driver	3x 3" diaphragm compression driver neodymium	2x 3" diaphragm compression driver neodymium
MF driver	4x 6.5" neodymium, direct radiation	4x 6.5"
LF driver	2x 15" neodymium	2x 12"
	<b>Remark: * Peak level measured at 1 m under half space conditions using pink noise with crest factor 4 (preset specified in brackets).</b>	<b>Remark: * Peak level measured at 1 m under free field conditions using pink noise with crest factor 4 (preset specified in brackets).</b>

Connector	V1	V2
	IN: 1 x 8-point PA-COM ; LINK: 1 x 8-point PA-COM	IN: 1x8-point PA-COM; LINK: 1x8-point PA-COM parallel

Cabinet	V1	V2
	Cabinet:18mm birch plywood made by CNC ; Handling:4 handles ; Inter-enclosure angles: 0°, 0.5°, 1°, 1.5°, 2°, 2.5°, 3°, 4° or 5° ; Front:front coated steel grill acoustically neutral 3D fabric ; Finish:black polyurea spot spray	Cabinet: 15mm birch plywood made by CNC ; Handling: 4 handles ; 4-point rigging system ; Inter-enclosure angles: 0.25°, 1°, 2°, 3°, 4°, 5°, 7.5° or 10° ; Front: steel grill with coating acoustically neutral 3D fabric ; Finish: black polyurea spot spray

Weight/Size	V1	V2
N.W/G.W	83kg	72.5kg / 78kg ±5%
Product Dimensions	W1310xH433xD505mm	W1300xH338xD500mm
Package Dimensions	—	W1386xH688xD562mm

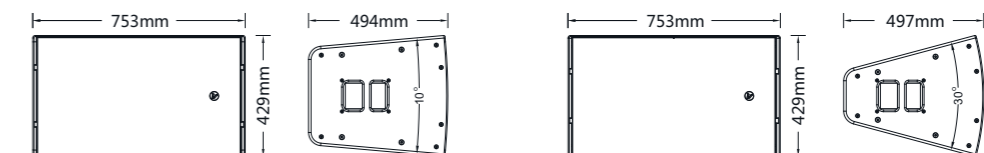


Acoustics	V15N	V15W
Power handling capacity/peak	1200W(program)/2400W(peak)	1200W(program)/2400W(peak)
Frequency response	41Hz~20kHz(processed)	42Hz~20kHz(processed)
Maximum SPL*	144dB(processed)	141dB(processed)
Nominal impedance	8 Ω	8 Ω
Coverage(HxV)	120° x 10°	120° x 30°
HF driver	1x 1.4" throat/Titanium film/ Neodymium magnet	1x 1.4" throat/Polymer composite membrane/ Neodymium Boron
Voice coil	3"	3"
LF driver	1x 15" ferrite cone driver	1x 15" ferrite cone driver
Voice coil	3"	3"
	<b>Remark: * Peak level measured at 1 m under free field conditions using pink noise with crest factor 4 (preset specified in brackets).</b>	

Connector	V15N	V15W
	2x NEUTRIK® NL4 Speakon parallel (Input/Output:1+/1-)	

Cabinet	V15N	V15W
	Cabinet:15mm birch plywood made by CNC ; Handling:2 handles ; Front:front coated steel grill acoustically neutral 3D fabric ; Finish:black polyurea spot spray	

Weight/Size	V15N	V15W
N.W/G.W	34.5kg/40.5kg ±5%	31.5kg/37kg ±5%
Product Dimensions	W753xH429xD494mm	W753xH429xD497mm
Package Dimensions	L608xW538xH862mm	L608xW538xH862mm





Design for pro-touring applications  
Using with SUB136T

Design for pro-touring applications  
Using with SUB136TP

))) **Acoustics** **IWAC208**

AES power(100~20kHz)	LF : 400W/HF : 120W
Program power(100~20kHz)	LF : 800W/HF : 240W
Frequency range	LF : 70~4kHz/HF : 1.7k~18.5kHz
Nominal impedance	LF : 16 Ω/HF : 16 Ω
Sensitivity	LF : 98dB/HF : 108dB
Maximum SPL	> 136dB(pink noise 1m 1box)
Horizon	106°
Vertical	6° (1box)
LF driver	2x 8" Neodymium driver
Voice coil	2"(52mm)
HF driver	2x1.73" driver
Voice coil	1.73"(44mm)
Exit	1"(25.5mm)

))) **Connector**

2x NEUTRIK® NL4 SPEAKON parallel LF : ±1 HF : ±2

))) **Cabinet**

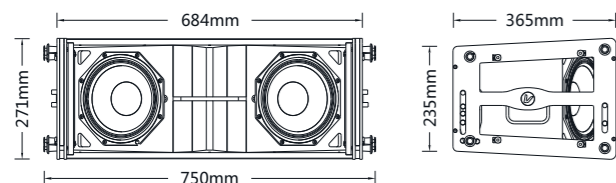
CNC made 15mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating

))) **Hanging side frame**

Laser processing steel plate joining together with black paint  
Have 8PCS Ø10stainless steel push-pin Angle is not adjustable

))) **Weight/Size**

N.W/G.W	28.5kg / 33.3kg
Product Dimensions	W684xH271xD365mm
Package Dimensions	W850xH370xD470mm



))) **Acoustics** **IWAC210**

AES power(100~20kHz)	LF : 600W/HF : 120W
Program power(100~20kHz)	LF : 1200W/HF : 240W
Frequency range	LF : 70~4kHz/HF : 1.7k~18.5kHz
Nominal impedance	LF : 8 Ω/HF : 16 Ω
Sensitivity	LF : 98dB/HF : 108dB
Maximum SPL	> 136dB(pink noise 1m 1box)
Horizon	110°
Vertical	10° (1box)
LF driver	1x 10" Neodymium driver
Voice coil	2"(52mm)
HF driver	2x1.73" driver
Voice coil	1.73"(44mm)
Exit	1"(25.5mm)

))) **Connector**

2x NEUTRIK® NL4 SPEAKON parallel LF : ±1 HF : ±2

))) **Cabinet**

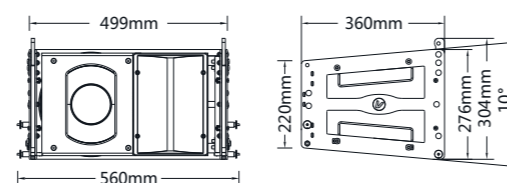
CNC made 15mm Birch Plywood, Textured wear-resistant sprayed Polyurea Finish;Environmentally Safe

))) **Hanging side frame**

Laser processing steel plate joining together with black paint  
Have 4PCS Ø8 stainless steel push-pin Angle is not adjustable

))) **Weight/Size**

N.W/G.W	23.6kg / 27.2kg
Product Dimensions	W499xH304xD360mm
Package Dimensions	W600xH390xD465mm



))) **Acoustics** **IWAC220**

Frequency range	LF : 80~3.2kHz/HF: 1.5k~18kHz
Frequency response	80~18kHz(-10dB)
Sensitivity	LF : 100dB ; HF : 113dB
Maximum SPL	> 136dB*
Horizon	120°
Vertical	10°(1box)
HF driver	2x1.73" driver
Voice coil	1.73"(44mm)
LF driver	2x 10"Neodymium driver
Voice coil	2.5"(65mm)
Power handling(AES)	LF : 500W/HF : 110W
Program power	LF : 1000W/HF : 220W
Nominal impedance	LF : 16Ω /HF : 16Ω

))) **Connector**

2xNEUTRIK® NL4 SPEAKON parallel ; LF : ±1 / HF : ±2 ;

))) **Cabinet**

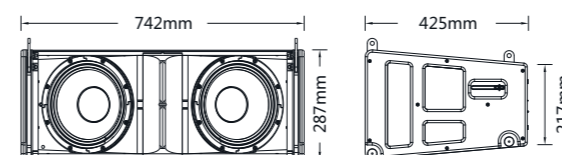
CNC made 15mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

))) **Hanging side frame**

CNC Laser cut steel plate joining together with black paint  
Have 4PCS Ø10 stainless steel Minimum 4,maximum 16 units line array

))) **Weight/Size**

N.W/G.W	: 34.2kg/39.7kg ±5%(IWAC220) G.W : 175kg(IWAC220-4UVTS)
Product Dimensions	W742xH287xD425mm (IWAC220)
Package Dimensions	W840xH390xD625mm (IWAC220) W810xH1370xD660mm (IWAC220-4UVTS)



))) **Acoustics** **IWAC220P**

Frequency range	LF : 70~3.2kHz/HF: 1.2k~18kHz
Frequency response	70~18kHz(-10dB)
Sensitivity	32dB
Short term max SPL	> 138dB*
Horizon	120°
Vertical	10°(1box)
HF driver	2x1"Throat 8Ω Neodymium compression drivers
Voice coil	1.73"
LF driver	2x10"Neodymium drivers
Voice coil	2.5"

))) **Power module**

Power(RMS)	2x860W+2x230W
Output topology	Class D
Electric power	100V-240V~ 50/60Hz

))) **Processor**

Built in controllable DSP digital processor ; DSP Max Delay:5ms(1.7m);  
10 bands PEQ;Q:0.2-25 adjustable;Bes/BW 6~24dB/oct & L-R 12~24dB/oct Optional ; Bell/Notch/Hi-shelf/Lo-shelf/All Pass Optional

))) **Connector**

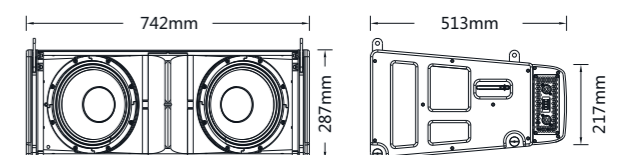
2xNEUTRIK® PowerCon® ; 2xNEUTRIK®XLR ; USB-B(DSP control)

))) **Cabinet**

CNC made 15mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

))) **Weight/Size**

N.W/G.W	42kg/50kg(IWAC220P) 207kg/213kg(IWAC220P-4UVTS)
Product Dimensions	W742xH287xD513mm(IWAC220P)
Package Dimensions	W852xH397xD627mm(IWAC220P) W810xH1370xD660mm(IWAC220P-4UVTS)



Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.



Acoustics	Napoli
Power handling capacity	MF+HF : 250W / LF : 3400W
Frequency response(-10dB)	38~18kHz
Maximum SPL	> 138dB(processed)*
Nominal impedance	MF+HF : 8Ω / LF : 4Ω
Coverage	80° x 60°
LF driver	2x 15" cone driver
Voice coil	4.5"
Coaxial MF+HF driver	1x 1.4" V.C:4" + 2.5"

Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.

**Connector**

1x NEUTRIK® NL4 SPEAKON®

**Cabinet**

CNC made 18mm birch plywood

**Weight/Size**

Product Dimensions W1140xH681xD585mm



Acoustics	EVO15 Gold
Power handling capacity/peak	1400W(Program)/2800W(peak 10ms)
Frequency response	40~20kHz(processed)
Maximum SPL	132dB(processed)*
Nominal impedance	4 Ω
Coverage	60°x75°(15°+ 60°) HF-horn, rotatable
LF driver	1x 15" cone driver
Voice coil	4"
HF driver	1x 1.4" exit with 3" diaphragm ferrite transducers

Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.

**Connector**

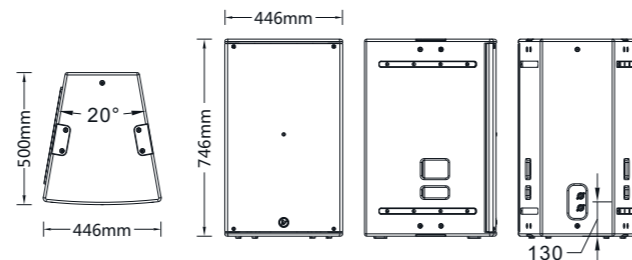
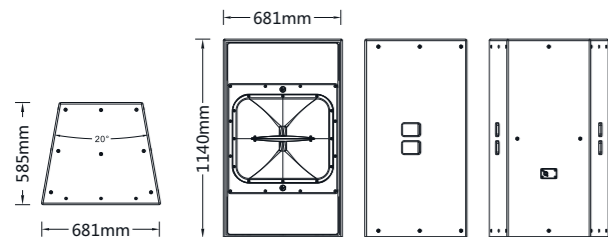
2x NEUTRIK® NL4 SPEAKON parallel INPUT/OUTPUT: +1/-1; LINK: +2/-2

**Cabinet**

CNC made 15mm birch plywood; Handling: 2 handles; Front: coated steel grille; Finish: black polyurea spot spray.

**Weight/Size**

N.W/G.W 40kg/50kg  
Product Dimensions W446xH746xD500mm  
Package Dimensions W613xH562xD870mm



Acoustics	MONSTER212-UHF	MONSTER212	MONSTER121S
Power(AES)	35W	LF : 1200W / HF : 90W	—
Program power	70W(Above 6kHz)	LF : 2400W / HF : 180W	—
Nominal impedance	8Ω	LF : 4 Ω / HF : 16Ω	8Ω
Frequency response	2.6k~30kHz(-10dB)	LF : 70~2.5kHz / HF : 700~18kHz(-10dB)	LF : 23Hz(-10dB)(processed)
Sensitivity	107dB	LF : 102dB / HF : 108.5dB(1W/m)	—
Maximum SPL	>125dB *	> 132dB(Continuous)/138dB(Program)	140dB(processed)*
Horizon	40°	110°	—
Vertical	40°	80°(up 20° + down 60°)	—
Driver	UHF: 1x1" driver V.C: 1.46" (37mm)	HF : 1x1.4" Neodymium driver V.C: 3.4" LF : 2x12" Neodymium driver V.C: 3"	LF : 1x21" ferrite magnet aluminum ring die cast basket V.C: 6"

Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.

**Connector**

1x NEUTRIK® NL4 SPEAKON UHF: +2 / -2  
5x NEUTRIK® NL4 SPEAKON LF : INPUT : ±1 ; LINK : ±2 HF : INPUT : ±2  
2x NEUTRIK® NL4 SPEAKON parallel INPUT / LINK: ±1 ; Through: ±2

**Cabinet**

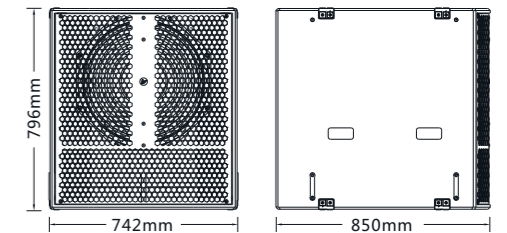
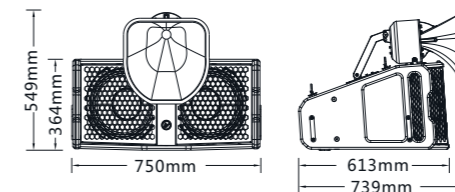
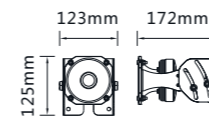
CNC made 18mm birch wood environmental ivory white or black matte surface treatment  
CNC made 18mm birch wood environmental ivory white or black matte surface treatment

**Hanging side frame**

4 pcs Ø40 hoisting ring for quickly mounting

**Weight/Size**

N.W/G.W 1.8kg/2.2kg LF : 37kg / 48kg HF : 8.5kg / 12kg 85kg / 99kg  
Product Dimensions W110xH120xD175mm LF : W750xH549xD739mm W742xH796xD850mm  
Package Dimensions W236xH236xD286mm LF : W910xH510xD780mm L982xW874xH939mm  
HF : W460xH430xD440mm





Acoustics	eXtrao812	eXtrao1015	eXtrao1218
Power capacity(Program)	MF+HF:500W/SUB:900W	MF+HF:500W/SUB:1400W	MF+HF:700W/SUB:1400W
Frequency response(-10dB)	42Hz~18kHz	39Hz~18kHz	30Hz~18kHz
Maximum SPL(processed)*	> 128dB	> 131dB	> 135dB
Nominal impedance	MF+HF:8 Ω/SUB:4 Ω	MF+HF:8 Ω/SUB:4 Ω	MF+HF:8 Ω/SUB:4 Ω
Coverage(HxV)	90° x 90°	70° x 70°	80° x 80°
Coaxial driver	8"+1"Coaxial V.C: 2"+1.7"	10"+1.3"Coaxial V.C: 2.5"+2.5"	12"+1.3"Coaxial V.C: 3"+3"
LF driver	12" V.C:3"	15" V.C:4"	18" V.C:4"

Remark: \*Peak level at 1 m under half space conditions using pink noise with crest factor 4.  
All specifications are subject to change without notice.

**Connector**

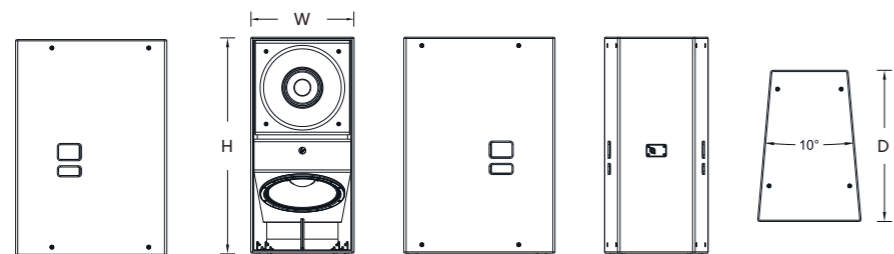
1x NEUTRIK® Speakon NL4

**Cabinet**

15/18/24mm Birch plywood made by CNC

**Weight/Size**

Product Dimensions	W379xH800xD515mm	W479xH1000xD700mm	W545xH1200xD805mm
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Acoustics	GE6	GE8	GE12	GE14
Power capacity(Program)	120W	400W	700W	800W
Nominal impedance	8Ω	8Ω	8Ω	8Ω
Frequency response(-6dB)	60~20kHz	75~20kHz	45~18kHz	44~18kHz
SPL max (processed)*	> 120dB	> 126dB	> 131dB	> 134dB
Coverage (h x v)	120°x110°	100°x100°	80°x80°	80°x80°
Driver	6" LF+1" HF Ferrite European Coaxial driver	8" LF+1" HF Ferrite European Coaxial driver	12" LF+1.4" HF Neodymium European Coaxial driver	13.5" LF+1.4" HF Neodymium European Coaxial driver

Remark: \* Peak level at 1m under free field conditions using pink noise with crest factor 4.

**Connector**

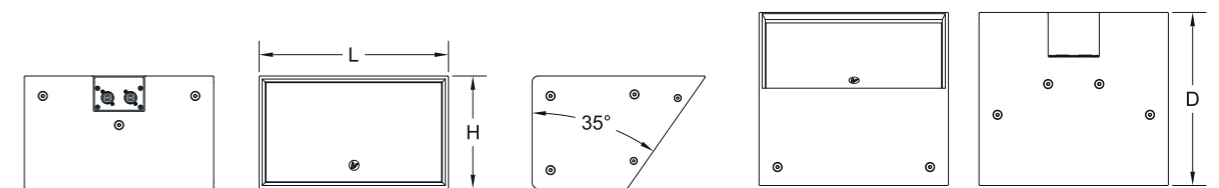
2xNEUTRIK® NL4 SPEAKON® parallel

**Cabinet**

12/15mm birch plywood made by CNC

**Weight/Size**

Product Dimensions	W370xH220xD340mm	W400xH250xD370mm	W600xH330xD450mm	W660xH400xD530mm
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Acoustics	Puissant 10	Puissant 12	Puissant 15
Power handling capacity	700W(Program)	800W(Program)	1000W(Program)
Frequency response(-10dB)	55Hz~18kHz	50Hz~18kHz	45Hz~18kHz
Maximum SPL(processed)*	> 130dB	> 132dB	> 134dB
Nominal impedance	4 Ω	4 Ω	4 Ω
Coverage(HxV)	90° x 70°	90° x 70°	90° x 70°
LF driver	1×10" cone driver V.C: 3"	1×12" cone driver V.C: 3"	1×15" cone driver V.C: 4"
HF driver	1×1" V.C: 1.7"	1×1.4" V.C: 3"	1×1.4" V.C: 3"

Remark: \*Peak level at 1 m under half space conditions using pink noise with crest factor 4.  
All specifications are subject to change without notice.

**Connector**

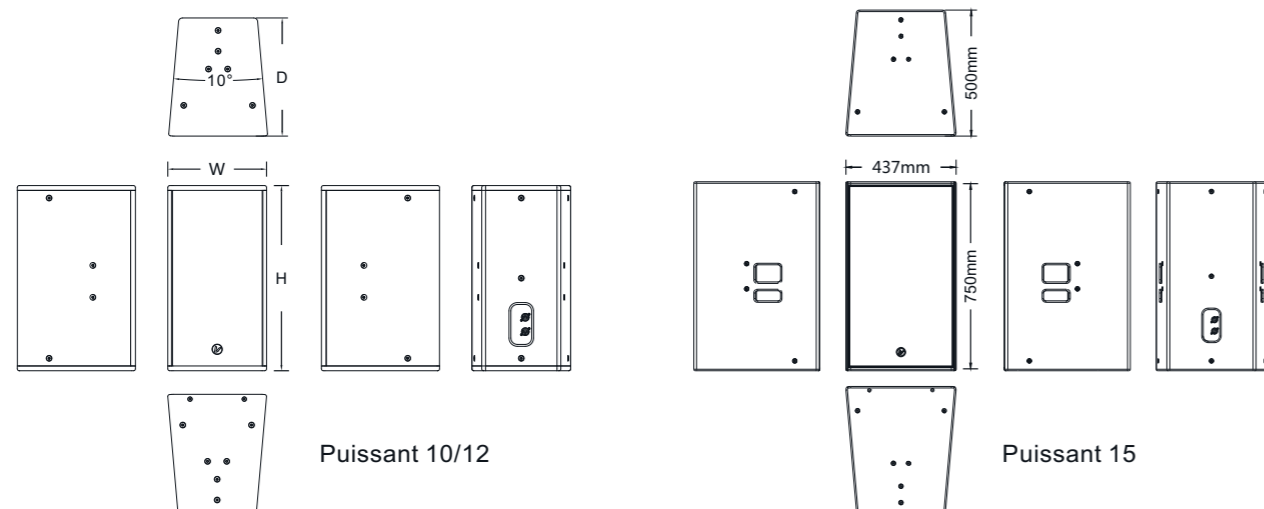
2x NEUTRIK® NL4 SPEAKON® parallel Input/Output:+1/-1; Link:+2/-2

**Cabinet**

15mm birch plywood made by CNC; Front:steel grill with coating acoustically neutral 3D fabric; Finish:Rain cover UV protection

**Weight/Size**

N.W/G.W	21kg/25.1kg ±5%	—	—
Product Dimensions	W309xH580xD370mm	W370xH645xD395mm	W437xH750xD500mm
Package Dimensions	L480xW430xH696mm	—	—



Acoustics	P10	P12	P15
Power handling capacity	700W(Program)	800W(Program)	1000W(Program)
Frequency response(-10dB)	55Hz~18kHz	50Hz~18kHz	45Hz~18kHz
Maximum SPL(processed)*	> 130dB	> 132dB	> 134dB
Nominal impedance	4 Ω	4 Ω	4 Ω
Coverage(HxV)	90° x 70°	90° x 70°	90° x 70°
LF driver	1×10" cone driver V.C: 3"	1×12" cone driver V.C: 3"	1×15" cone driver V.C: 4"
HF driver	1×1" V.C: 1.7"	1×1.4" V.C: 3"	1×1.4" V.C: 3"

Remark: \*Peak level at 1 m under half space conditions using pink noise with crest factor 4.  
All specifications are subject to change without notice.

**Connector**

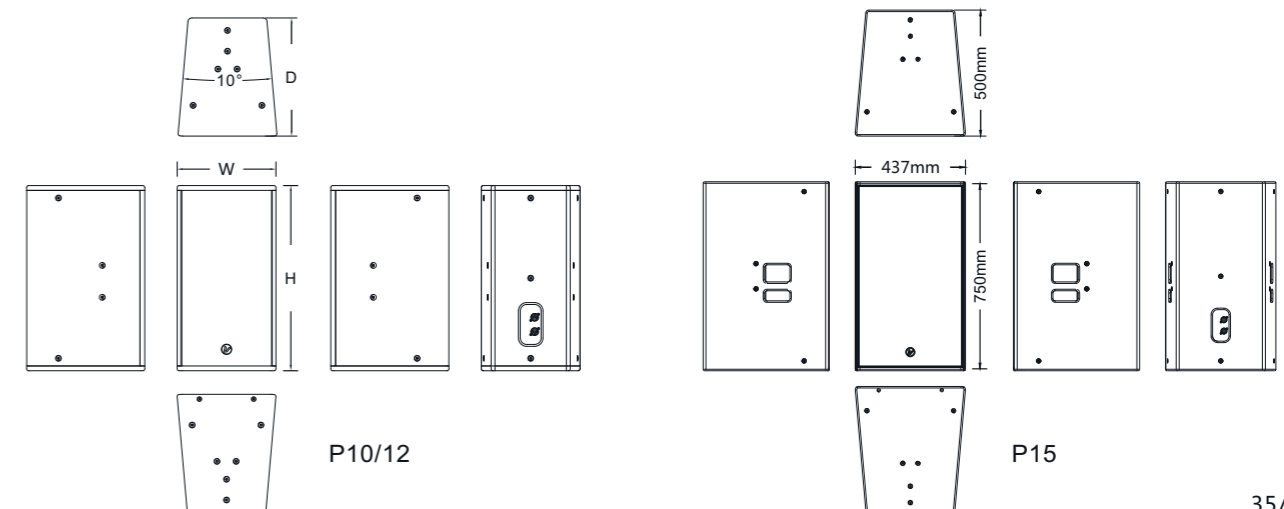
2x NEUTRIK® NL4 SPEAKON® parallel Input/Output:+1/-1; Link:+2/-2

**Cabinet**

15mm birch plywood made by CNC; Front:steel grill with coating acoustically neutral 3D fabric;Finish; black polyurea spot spray

**Weight/Size**

N.W/G.W	21.2kg/25kg ±5%	—	—
Product Dimensions	W309xH580xD370mm	W370xH645xD395mm	W437xH750xD500mm
Package Dimensions	L480xW430xH696mm	—	—





Acoustics	MUSE 6	MUSE 8	MUSE 10	MUSE 12
Power capacity	200W(Program)	400W(Program)	500W(Program)	500W(Program)
Nominal impedance	8Ω	8Ω	4Ω	4Ω
Frequency response	56Hz~20kHz(-10dB)	77Hz~20kHz(-10dB)	68Hz~20kHz(-10dB)	55Hz~20kHz(-10dB)
Maximum SPL*	> 118dB(processed)	> 125dB(processed)	> 130dB(processed)	> 131dB(processed)
Horizontal	90°	90°	90°	90°
Vertical	90°	90°	60°	60°
Driver	6.5" coaxial	8" coaxial	10"+1"	12"+1"
Voice coil	1.5"+1"	2"+1.4"	2.5"+1.4"	2.5"+1.4"

Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.

**Connector**

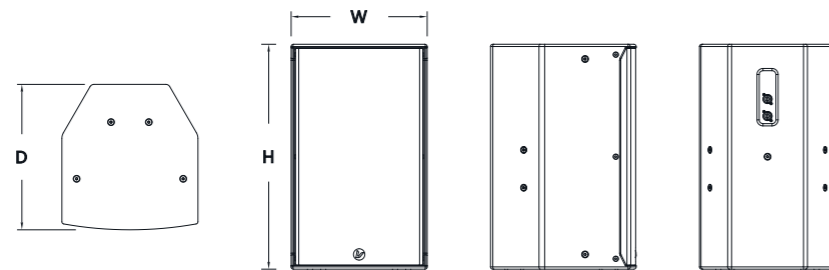
2x NEUTRIK® Speakon NL4

**Cabinet**

CNC tongue and groove plywood, Environmentally safe polyurea paint

**Weight/Size**

Product Dimensions	W224xH300xD260mm	W280xH405xD285mm	W315xH550xD330mm	W360xH595xD385mm
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Acoustics	MUSE 8P	MUSE 10P	MUSE 12P	MUSE 15P
Frequency range	55Hz~18kHz(-10dB)	55Hz~18kHz(-10dB)	50Hz~18kHz(-10dB)	48Hz~20kHz(-10dB)
Sensitivity	32dB	32dB	32dB	32dB
Short term max SPL*	126dB	128dB	132dB	134dB
Horizon	90°	90°	90°	90°
Vertical	90°	60°	60°	60°
HF driver	1x 1"throat diameter 8Ω ferrite magnet polyester diagram compression driver	1x 1"throat diameter 8Ω ferrite magnet polyester diagram compression driver	1x 1"throat diameter 8Ω ferrite magnet polyester diagram compression driver	1x 1.4"
Voice coil	1"	1"	1.4"	2.5"
LF driver	1x 8"ferrite magnet	1x 10"ferrite magnet	1x 12"ferrite magnet	1x 15"ferrite magnet
Voice coil	1.8"	1.8"	2"	2.5"

Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.

**Power module**

Power	400W	600W	860W	860W
Output circuitry	Class D	Class D	Class D	Class D
Electric power	100V-240V~ 50/60Hz			

**Connector**

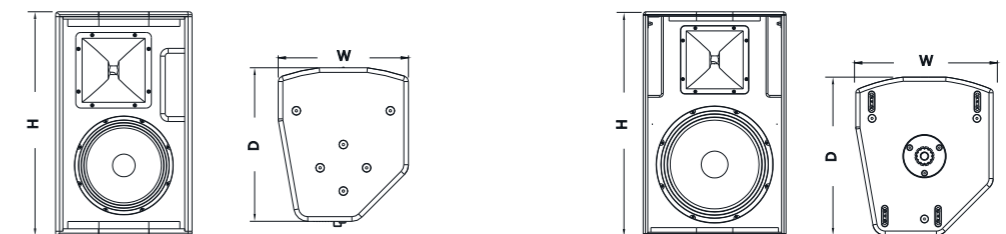
1x Locking IEC power connector ; 2xXLR audio input ; 1xcombo MIC input

**Cabinet**

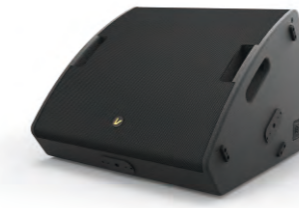
CNC tongue and groove cabinet wood Environmental surface treatment

**Weight/Size**

N.W/G.W	14.2kg/16.9kg	17.2kg/21.2kg	23.8kg/31.3kg	30.4kg/40.3kg
Product Dimensions	W280xH460xD330mm	W330xH540xD380mm	W395xH640xD450mm	W470xH740xD520mm
Package Dimensions	W407xH533xD357mm	W457xH616xD407mm	W547xH733xD492mm	W617xH833xD567mm







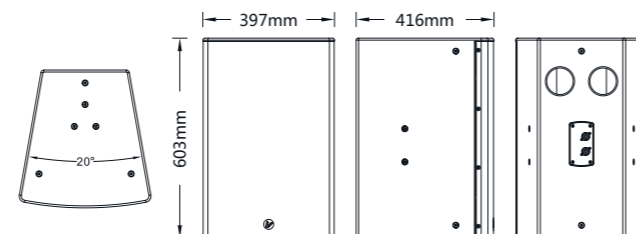
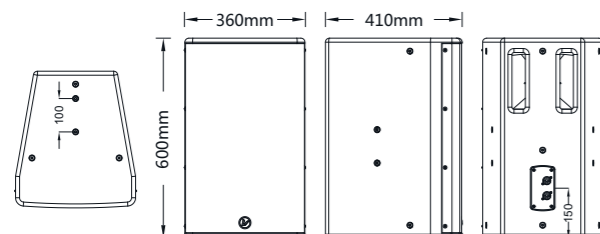
Acoustics	KB12	KH12
Power handling capacity/peak	1000W(Program)/2000W(Peak)	1000W(Program)/2000W(Peak)
Frequency response(-10dB)	45Hz~20kHz	43Hz~20kHz
Maximum SPL	131dB*	131.5dB*
Nominal impedance	8 Ω	8 Ω
Coverage(HxV)	70° x 60°	50° to100° x 55° HF-horn, rotatable
HF driver	1"throat/Polymer composite membrane/Neodymium magnet	1"throat/Polymer composite membrane/Neodymium magnet
Voice coil	1.5"	1.75"
LF driver	1x 12"ferrite cone driver	1x 12"ferrite cone driver
Voice coil	3"	3"

Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.

Connector
2x NEUTRIK® Speakon NL4 parallel (±1 Input/Output, ±2 Link)

Cabinet
CNC made 15mm birch plywood, Front: coated steel grille, Finish: black grit paint.

Weight/Size	KB12	KH12
N.W/G.W	20.5kg / 23.5kg ±5%	23.5kg/27.8kg ±5%
Product Dimensions	W360xH600xD410mm	W397xH603xD416mm
Package Dimensions	L500xD450xH672mm	W491xH681xD473mm



Acoustics	CM15	CM15P
Power handling capacity/peak	800W(Program)/1600W (peak 10ms)	—
Frequency response (-10dB)	45~20kHz	—
Input sensitivity	—	32dB
Maximum SPL	134dB(processed)*	> 134dB(processed)*
Nominal impedance	8 Ω	—
Coverage(HxV)	in monitor use 40° x 60°HF-horn, rotatable	in monitor use 40° x 60°HF-horn, rotatable
LF driver	1x 15"cone driver	1x 15"cone driver
Voice coil	3"	3"
HF driver	1x1.4"coaxial exit with 3"diaphragm neodymium	1x1.4"coaxial exit with 3"diaphragm neodymium

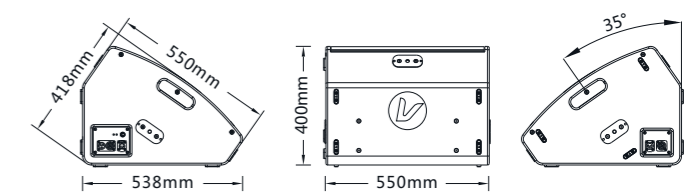
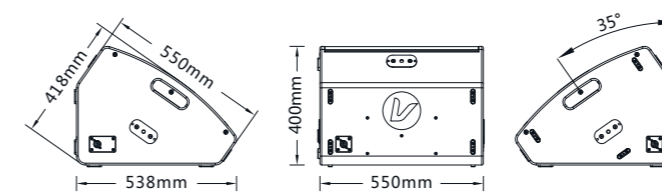
Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.

Power module		
Power	—	800W(RMS)/1600W(Program)
Output circuitry	—	Class D
Electric power	—	100V-240V~ 50/60Hz

Connector	
3x NEUTRIK® NL4 SPEAKON® parallel INPUT/OUTPUT: +1/-1; LINK: +2/-2	3x NEUTRIK® PowerCON TRUE1® parallel
	2x NEUTRIK® XLR parallel

Cabinet
CNC made 15mm birch plywood; Front: steel grill with coating acoustically neutral 3D fabric; Finish: black polyurea spot spray.

Weight/Size	CM15	CM15P
N.W/G.W	25.5kg/31.5kg ±5%	29kg/35kg
Product Dimensions	W550xH418xD550mm	W550xH418xD550mm
Package Dimensions	W650xH510xD660mm	W650xH510xD660mm





Acoustics	G43	G83	G163	G243
Power capacity(Program)	240W	480W	960W	1440W
Nominal impedance	8Ω	4Ω	4Ω	3Ω
Frequency response(-6dB)	130~13kHz	130~13kHz	130~13kHz	130~13kHz
SPL max (processed)*	> 125dB	> 130dB	> 136dB	> 139dB
Coverage (h x v)	120°x20°	120°x10°(20°) Selectable	120°x15°(30°) Selectable	120°x50°
Driver	4 x 3" Full Range European Neodymium driver	8 x 3" Full Range European Neodymium driver	16 x 3" Full Range European Neodymium driver	24 x 3" Full Range European Neodymium driver

Remark: \* Peak level at 1m under free field conditions using pink noise with crest factor 4.

**Connector**

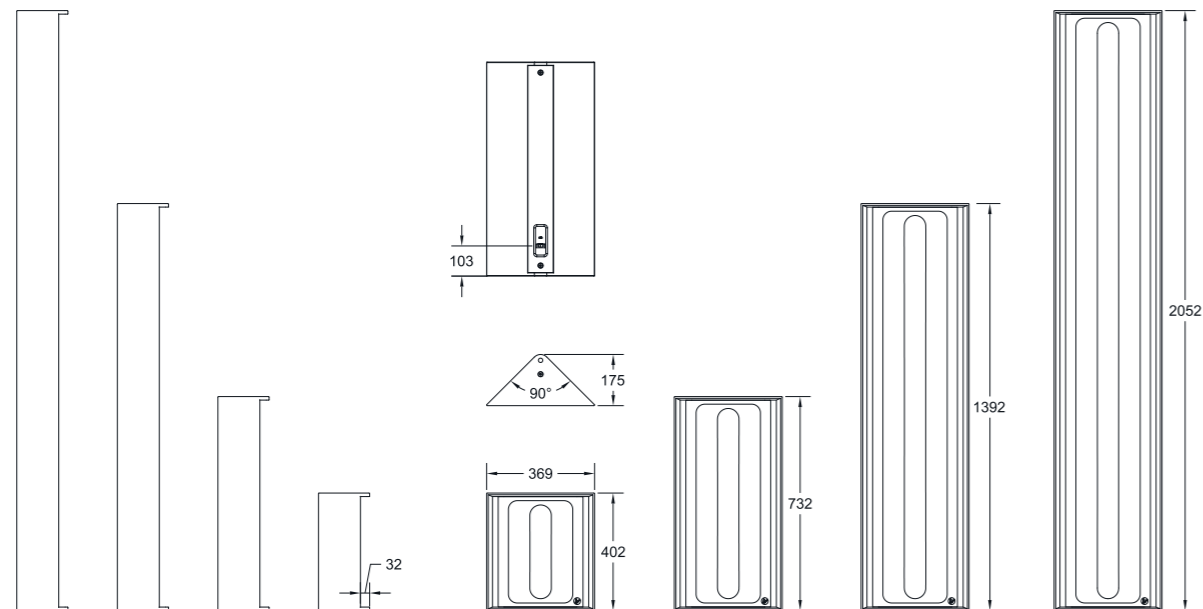
1x Euroblock (Phoenix connector) 42A rated with locking screws

**Cabinet**

CNC made 12mm MDF, smooth non

**Weight/Size**

Product Dimensions	W369xD175xH402mm	W369xD175xH732mm	W369xD175xH1392mm	W369xD175xH2052mm
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Acoustics	COL4.3	COL8.3	COL16.3	COL24.3
Power(AES)	120W	240W	480W	720W
Program power	240W	480W	960W	1440W
Peak power	480W	960W	1920W	2880W
Nominal impedance	8 Ω	4 Ω	4 Ω	3 Ω
Frequency response (Vertical Angle)	170Hz-13.5kHz(-6dB)	180Hz-16kHz(-6dB)@10° 180Hz-13kHz(-6dB)@20°	180Hz-13kHz(-6dB)@15° 180Hz-14kHz(-6dB)@30°	135Hz-13kHz(-10dB)@15° 185Hz-12.5kHz(-6dB)@30°
Sensitivity	99dB 1W/1m half space	101dB 1W/1m half space	104dB 1W/1m half space	105.5dB 1W/1m half space
Maximum SPL	120dB(Continuous) 123dB(Program) 126dB(Peak)	125dB(Continuous) 128dB(Program) 131dB(Peak)	131dB(Continuous) 134dB(Program) 137dB(Peak)	134dB(Continuous) 137dB(Program) 140dB(Peak)
Horizon	120° ±30° 800Hz-5kHz 60° ±10° 6kHz-16kHz	120° ±30° 800Hz-5kHz 50° ±15° 6kHz-16kHz	120° ±30° 800Hz-5kHz 50° ±15° 6kHz-16kHz	120° -0+60° Below5kHz 60° +0-15° 6kHz-15kHz
Vertical	20° ±5° 2.5kHz-8kHz 40° ±25° 1kHz-13.5kHz	10° ±5° 2kHz-16kHz 20° ±5° 1.3kHz-16kHz	15° -0+10° 600Hz-9kHz 30° ±5° 400Hz-14kHz	50° @250Hz, 25°@500Hz 12° -0+2° 1kHz-13kHz
Driver	4 x 3" full range European neodymium driver	8 x 3" full range European neodymium driver	16 x 3" full range European neodymium driver	24 x 3" full range European neodymium driver
Voice coil	0.75"	0.75"	0.75"	0.75"
N.W/G.W	2.6kg/3.15kg ±5%	4.78kg/5.75kg ±5%	10.4kg/12.3kg ±5%	16kg/20kg
Product Dimensions	W400xH119xD114mm	W720xH119xD114mm	W1400xH119xD114mm	W2060xH119xD114mm
Package Dimensions	W500xH170xD175mm	W810xH170xD175mm	W1490xH210xD200mm	W2240xH206xD206mm

**Hanging side frame**

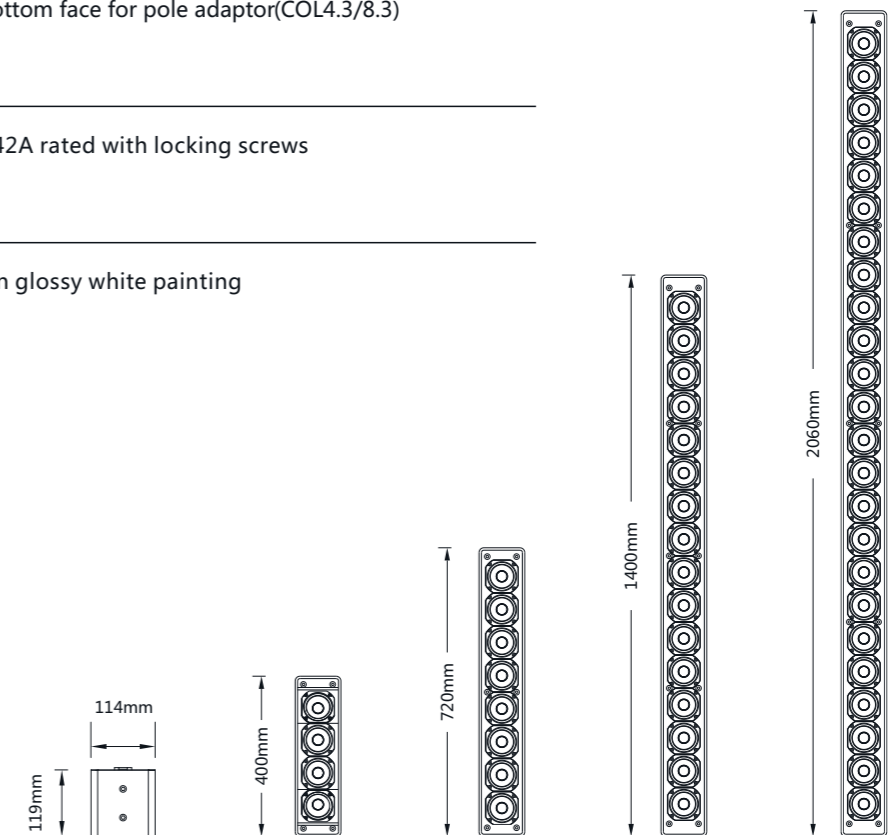
- Flying 2 x M6 insertion points on top and rear for eye bolts(COL4.3/8.3/16.3) , 3 x M6 insertion points on top and rear for eye bolts(COL24.3)
- Wall 4 x M5 insertion points on rear face for swivel-tilting wall/pole bracket, 2 x M6 insertion points on top and bottom for "U" bracket(COL4.3/8.3)  
10 x M6 insertion points on rear face for swivel-tilting wall, 2 x M6 insertion points on top and bottom for horizontal "U" bracket(COL16.3)  
10 x M6 insertion points on rear face for Pan-Tilt wall bracket (COL24.3)
- Pole 2 x M4 insertion points on bottom face for pole adaptor(COL4.3/8.3)

**Connector**

1x Euroblock (Phoenix connector) 42A rated with locking screws

**Cabinet**

CNC made 12mm MDF, smooth non glossy white painting





))) **Acoustics** **AC12.3P**

Frequency response(-6dB)	90Hz~13kHz
Maximum SPL@1m	123dB(Program)
Sensitivity	32dB
Horizontal	120°@5kHz
Vertical	Configurable
Driver	12 x 3" Full range European drivers
Controls	DSP control
Protections	Thermal, Soft power limiter

Power module

Power	4x230W(40ms)
Output topology	Class D

Connector

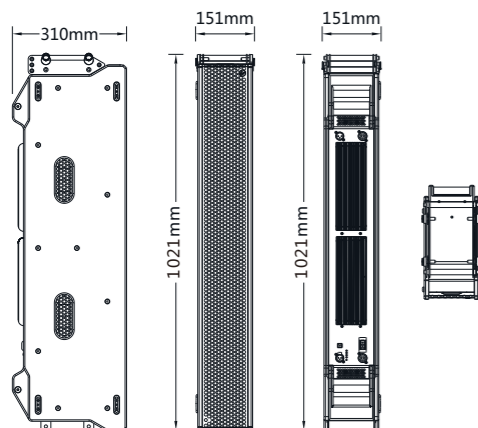
XLR3 for signal input and stack output / USB Client for DSP control / Powercon for Mains input and output

Cabinet

CNC made 12mm MDF, spraying technology of black sand paint

Weight/Size

N.W	23kg
Product Dimensions	W151xH1021xD310mm
Package Dimensions	W1071xH360xD872mm



))) **Acoustics** **S2128**

Power capacity(Program)	3400W+6800W
Frequency response(-10dB)	27Hz~130Hz
Maximum SPL(processed)*	> 144dB
Nominal impedance	4 Ω+4 Ω
LF Driver	1x21" Neodymium V.C: 4.5" 2x18" Neodymium V.C: 4.5"

Connector

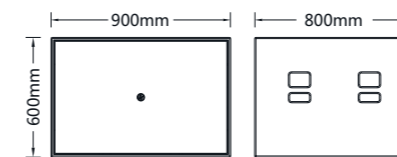
1x NEUTRIK® NL4 SPEAKON®

Cabinet

15mm Birch plywood made by CNC; Front: steel grill with coating acoustically neutral 3D fabric

Weight/Size

Product Dimensions	W900xH600xD800mm
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))) **Acoustics** **S28H**

Power capacity(Program)	6800W
Frequency response(-10dB)	28Hz~150Hz
Maximum SPL(processed)*	> 143dB
Nominal impedance	4 Ω
LF Driver	2x18" Neodymium V.C: 4.5"

Connector

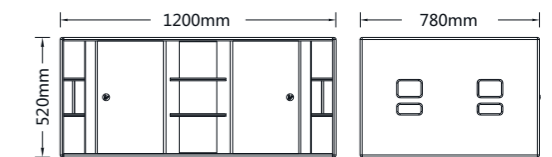
1x NEUTRIK® NL4 SPEAKON®

Cabinet

15mm Birch plywood made by CNC

Weight/Size

Product Dimensions	W1200xH520xD780mm
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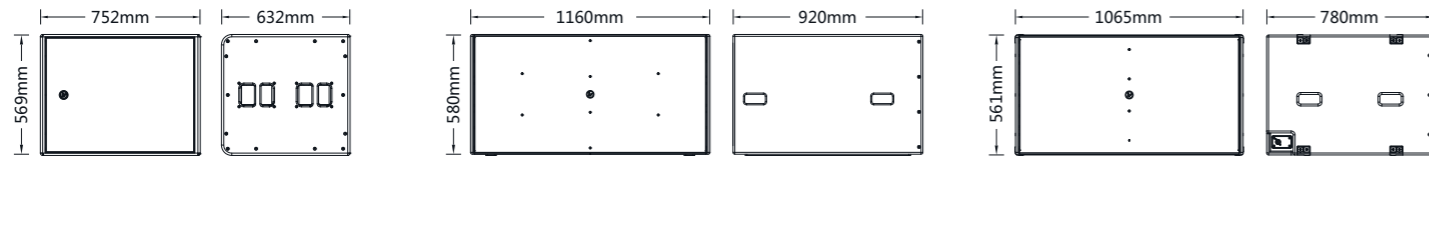


Remark: \*Peak level at 1 m under half space conditions using pink noise with crest factor 4.



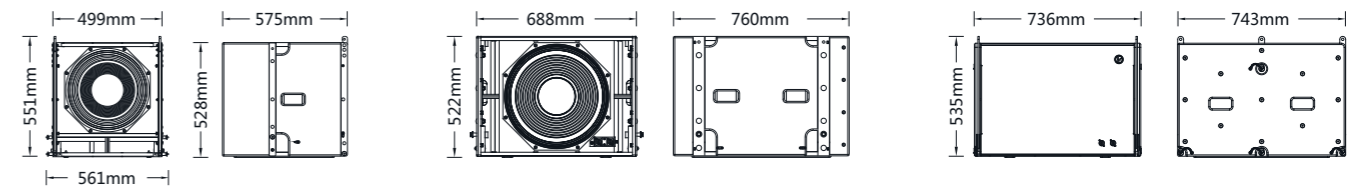


Acoustics	VS21	VS28B	VS28C
Power handling capacity	3400W(Program)	6800W(Program)	4800W(Program)
Frequency response	29Hz~250Hz(-10dB)	37Hz~130Hz(-6dB)	36Hz~250Hz(-6dB)
Maximum SPL(Peak)	> 138dB*	> 143dB*	> 140dB*
Nominal impedance	8 Ω	4 Ω	4 Ω
LF Drivers	1x21"Neodymium magnet driver V.C: 4.5"	2x18"Neodymium magnet driver V.C: 4.5"	2x18"Ferrite driver V.C: 4"
<b>Connector</b>	2x NEUTRIK® NL4 SPEAKON® parallel INPUT:±1	1x NEUTRIK® NL4 SPEAKON® parallel INPUT:±1 Through: ±2	
<b>Cabinet</b>	CNC processing, splicing into the falcon, high-quality multi-layer plywood; black leather texture environmental protection paint; acoustic mesh wrapping steel grilles.	CNC,tongue and groove cabinet,Baltic birch plywood Polyurea paint	
<b>Weight/Size</b>	N.W/G.W 49kg Product Dimensions W752xH569xD632mm Package Dimensions —	105.2kg/111.5kg ±5% W1160xH580xD920mm W1196xH634xD956mm	87kg/92.5kg ±5% W1065xH561xD780mm W1100xH615xD816mm



Design for pro-touring applications  
Using with IWAC220

Acoustics	SUB115T	SUB118T	SUB118TL
Power (AES)	2000W	2000W	1200W(> 36Hz)
Program power	4000W	4000W	2400W
Nominal impedance	4 Ω(Optional 8 Ω configuration)	4 Ω(Optional 8 Ω configuration)	8Ω
Frequency response	35~500Hz(-10dB)	29~1.5kHz(-10dB)	28~280Hz(-10dB)
Sensitivity	93dB	95dB	97dB(Full space)
Maximum SPL	> 136dB	> 136dB	> 137dB
LF driver	15" Carbon fiber cone ferret driver V.C:6"	18" Carbon fiber cone ferret driver V.C:6"	1x 18"Ferrite driver V.C:4"(100mm)
<b>Connector</b>	2x NEUTRIK® NL4 SPEAKON parallel LF : ±1 HF : ±2		Neutrik® SpeakON NL4 (2x at the rear and 2x at the front) Pins 1 ± (LF), Pins 2 ± (Link)
<b>Cabinet</b>	CNC made 18mm Birch Plywood, Textured wear-resistant sprayed Polyurea Finish ; Environmentally Safe		CNC made 18mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.
<b>Weight/Size</b>	N.W/G.W 52kg / 59kg Product Dimensions W499xH551xD575mm Package Dimensions W620xH660xD685mm	82kg / 92kg W688xH522xD760mm W910xH670xD840mm	65kg / 74.5kg W736xH535xD743mm W850xH612xD843mm



Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.





Design for pro-touring applications  
Using with IWAC220



Design for pro-touring applications  
Using with IWAC220P



))) **Acoustics** **SUB136T**

Frequency Range	28~1.4kHz(-10dB)
Frequency Response	35~100Hz(-6dB)
Sensitivity	100dB(1W/m)
Maximum SPL	> 140dB*
Power Handling	2400W(AES)
Program Power	4800W
Nominal impedance	4Ω
LF driver	2x 18" Carbon fiber cone ferrite driver V.C:4"(100mm)

**Connector**

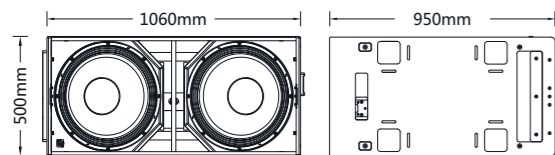
1xNEUTRIK® NL4 SPEAKON INPUT : ±1

**Cabinet**

CNC made 18mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

**Weight/Size**

N.W	91kg(SUB136T) / 122kg(SUB136T-PCWBKS)
Product Dimensions	W1060xH500xD950mm (SUB136T) W1110xH1150xD560mm (SUB136T-PCWBKS)



))) **Acoustics** **SUB136TP**

Frequency Range	28~1.4kHz(-10dB)
Frequency Response	35~100Hz(-6dB)
Input sensitivity	1v
Max SPL	> 137dB(36~200Hz)
Short term max SPL	> 140dB*
LF Drivers	2x18" Carbon fiber cone ferrite driver V.C:4"(100mm)

**Power module**

Power(RMS)	2x1200W
Output Topology	Class D
Electric power	110V/220V

**Processor**

Built in controllable DSP digital processor ; DSP Max Delay:5ms(1.7m); 10 bands PEQ;Q:0.2-25 adjustable;Bes/BW 6~24dB /oct & L-R 12~24dB /oct Optional ; Bell/Notch/Hi-shelf/Lo-shelf/All Pass Optional

**Connector**

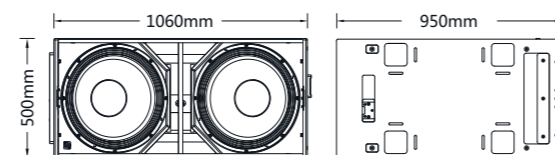
2xNEUTRIK® PowerCon® ; 2xNEUTRIK®XLR ; USB-B (DSP control)

**Cabinet**

CNC made 18mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

**Weight/Size**

N.W	108kg(SUB136TP) / 139kg(SUB136TP-PCWBKS)
Product Dimensions	W1060xH500xD950mm (SUB136TP) W1110xH1150xD560mm (SUB136TP-PCWBKS)



))) **Acoustics** **SUB208S** **SUB408S**

Power(AES)	700W	1400W
Program power	1400W	2800W
Peak power	2800W	5600W
Nominal impedance	4Ω	8Ω
Frequency response[2]	48Hz~1.1kHz(-6dB) 40Hz~1.5kHz(-10dB)	33Hz~250Hz(-6dB) 30Hz~350Hz(-10dB)
Sensitivity[1]	92dB SPL 1W/1m half space	94.5dB SPL 1W/1m half space
Maximum SPL	> 126.5dB Peak @1m	> 132dB Peak @1m
Directivity	Omnidirectional in the usable range	Omnidirectional in the usable range
Driver	2 x 8" European Ferrite driver	4 x 8" European Ferrite driver

Remark : [1] Measured half space at 2m scaled to 1m full space ;  
[2] Measured half space at 4m curve smoothed 1/3 oct .

**Connector**

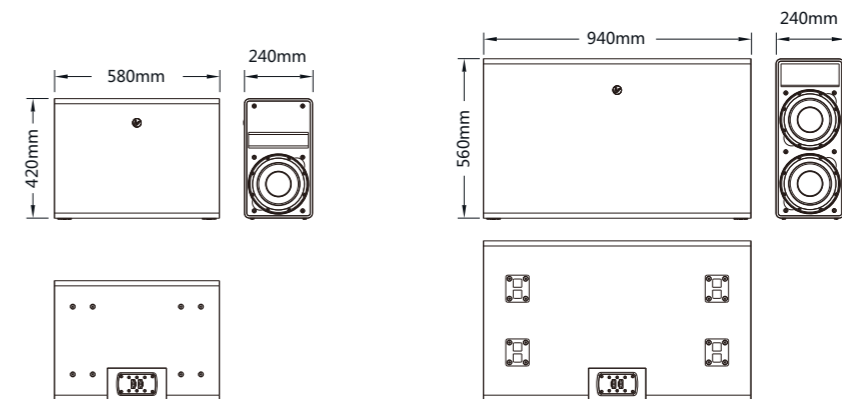
2 x Euroblock 42A rated with locking screws

**Cabinet**

CNC made 15mm(SUB208S) / 18mm(SUB408S) MDF, smooth non-glossy white or black painting

**Weight/Size**

N.W/G.W	21kg/27kg	44kg/54.5kg
Product Dimensions	W580xH420xD240mm	W940xH560xD240mm
Package Dimensions	W673xH517xD337mm	W1036xH657xD337mm



Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.



))) **Acoustics**

	<b>SUB118</b>	<b>SUB218</b>
Power(AES)	1200W	2400W
Program power	2400W	4800W
Nominal impedance	8 Ω	4 Ω
Frequency response(-10dB)	28~2.2kHz	28~2.2kHz
Sensitivity	100dB	103dB
Maximum SPL	> 133dB(pink noise 1m 1box)	> 136dB(pink noise 1m 1box)
LF driver	1x 18" Carbon fiber cone ferret driver V.C:4"(100mm)	2x 18" Carbon fiber cone ferret driver V.C:4"(100mm)

🔌 **Connector**

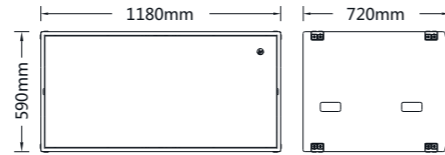
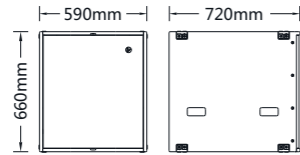
2x NEUTRIK® NL4 SPEAKON parallel INPUT(+1/-1) LINK(+2/-2)

📦 **Cabinet**

CNC made 18mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

📏 **Weight/Size**

N.W/G.W	50kg/57.3kg ±5%	83.5kg/93kg ±5%
Product Dimensions	W590xH660xD720mm	W1180xH590xD720mm
Package Dimensions	W680xH810xD760mm	W1280xH680xD810



))) **Acoustics**

	<b>SUB115P</b>	<b>SUB215P</b>
Frequency range(-10dB)	35Hz~150Hz	35Hz~150Hz
Sensitivity	32dB	32dB
Short term max SPL	133dB*	136dB*
LF Drivers	1x 15" ferrite magnet 8Ω driver	2x 15" ferrite magnet 8Ω driver
Voice coil	3"	3"

🔌 **Power module**

Power	860W	2x 860W
Output circuitry	Class D	Class D
Electric power	100V-240V~ 50/60Hz	

🔌 **Connector**

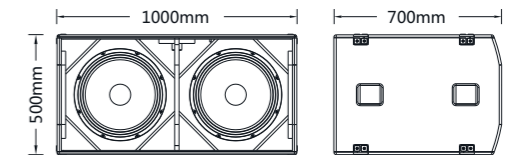
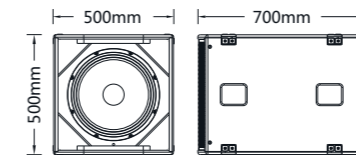
1x Locking IEC power connector ; 2xXLR audio input

📦 **Cabinet**

CNC tongue and groove cabinet wood Environmental surface treatment

📏 **Weight/Size**

N.W/G.W	36.5kg/44.6kg	65.1kg/74.8kg
Product Dimensions	W500xH500xD700mm	W1000xH500xD700mm
Package Dimensions	W597xH593xD797mm	W1093xH597xD797mm



**Remark: \* Peak level at 1m under half space conditions using pink noise with crest factor 4.**





V4.25 Signature Front panel



V4.25 Signature Rear panel



V2.39 Front panel



V2.39 Rear panel



2.12/2.15/2.18/2.22 Front panel



2.12/2.15/2.18/2.22 Rear panel



PSD628 Front panel



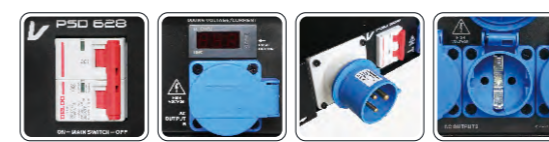
PSD628A Front panel



PSD628 Rear panel



PSD628A Rear panel



Details of panel



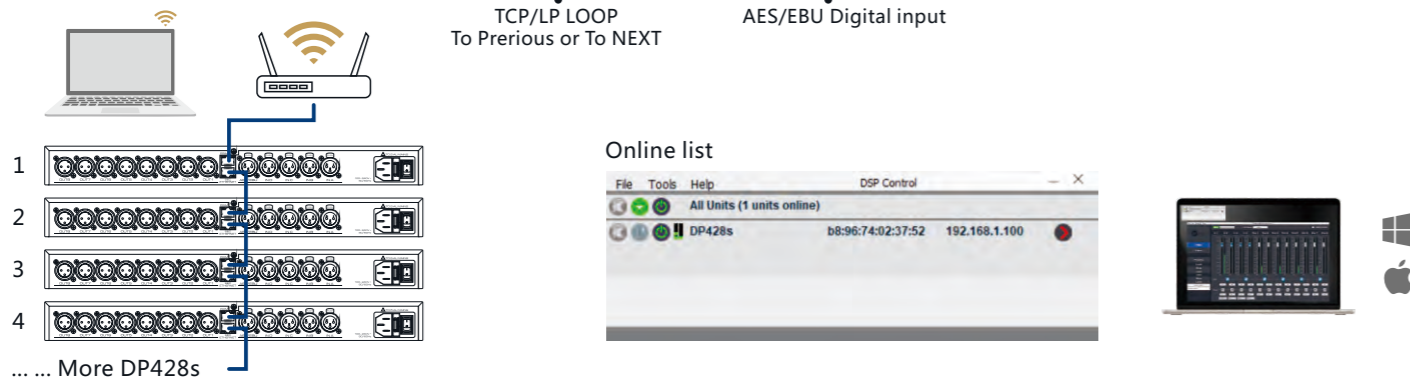
Details of panel

Model	V4.25Signature	V2.39	V2.12	V2.15	V2.18	V2.22
8Ω Stereo	1300Wx4*	2300Wx2*	800Wx2	1000Wx2	1200Wx2	1500Wx2
4Ω Stereo	2100Wx4**	3900Wx2**	1200Wx2*	1400Wx2*	1800Wx2*	2200Wx2*
2Ω Stereo	2500Wx4**	6000Wx2**	—	—	—	—
8Ω Bridge	—	—	2400W*	2800W*	3500W*	4400W*
Frequency response	20Hz~20kHz (+0/-1.5dB)	20Hz~20kHz (+0/-1.5dB)	20Hz~20kHz (+0/-1dB)	20Hz~20kHz (+0/-1dB)	20Hz~20kHz (+0/-1dB)	20Hz~20kHz (+0/-1dB)
S/N rate(A Weighted)	≥80dB	≥90dB	≥96dB	≥98dB	≥98dB	≥98dB
Input sensitivity	32dB	32dB	0.775V/1V/32dB	0.775V/1V/32dB	0.775V/1V/32dB	0.775V/1V/32dB
Input impedance (bal/unbal)	20kΩ / 10kΩ	20kΩ / 10kΩ	20kΩ / 10kΩ	20kΩ / 10kΩ	20kΩ / 10kΩ	20kΩ / 10kΩ
Voltage gain(8Ω)	32dB	32dB	40.3dB	41.2dB	42dB	43dB
Output circuitry	Class I™	Class I™	Class 2H	Class I™	Class I™	Class I™
Cooling	Air flow from front to rear					
Product dimensions(mm)	483X412X89	483X448X89	483X402.5X89	483X452.5X89	483X452.5X89	483X452.5X89
Package dimensions(mm)	595X565X170	595X565X170	565X535X170	595X565X170	595X565X170	595X565X170
G.W.	17kg ±5%	16.4kg ±5%	19.3kg ±5%	20.4kg ±5%	22.9kg ±5%	27.3kg ±5%

- Remark :
- 1、 Power tested under EIA standard.
  - 2、 \*, Power tested under the condition of 40ms burst, 1KHz sine wave and 1% THD.
  - 3、 \*\*, Power tested under the condition of 20ms burst, 1KHz sine wave and 1% THD.
  - 4、 The above packing dimensions, net weight, and gross weight are for reference only. The accurate data is subject to the labeling on the batch of products.
  - 5、 Other specifications are subject to the User's Manual. Verity Audio reserves the right to make any changes to the product specifications without prior notice.

Acoustics	PSD628	PSD628A
Supply voltage/current	100-240V~/32A	120V~/30A/Three-phase power supply
Power input socket	Rear panel 32A European standard blind mounting plug	Front panel 30A(Three-phase American standard power socket)
Main power switch	Front panel Single phase 80A air switch with over current and short circuit protection	Panel three-phase power supply 1X/2Y/3Z independent control, 30A circuit breaker switch, with over current and short circuit protection.
Power output socket	1 pc is in front panel, 5pcs are in rear panel, 16A European standard waterproof power socket	1 pc is in front panel, Direct Outputs is not controlled by switch, 6 pcs are in rear panel, 1X, 2Y, 3Z output is controlled by switch(American Standard dual power socket)
Audio signal input	Front panel CH1/CH2, NEUTRIK XLR signal input	CH1/CH2 channel (2 XLR signal input)
Audio signal output	Rear panel CH1/CH2, CH1/LINK; CH2/LINK ; NEUTRIK XLR signal output	CH1/CH2, CH1/LINK; CH2/LINK (4 XLR signal input)
Amplifier signal input	6 pcs are in rear panel, NEUTRIK loudspeaker screw socket, IWAC1/2;IWAC3/4; IWAC5/6; IWAC7/8; SUB1/2; SUB2/3	Rear panel, 6 pcs NEUTRIK loudspeaker screw socket, IWAC1/2;IWAC3/4;IWAC5/6;IWAC7/8; SUB1/2;/SUB3/4
Amplifier signal output	8 pcs are in front panel, NEUTRIK loudspeaker screw socket, IWAC1/2; IWAC3/4; IWAC5/6; IWAC7/8; SUB1/2; SUB3/4; SUB2; SUB4	Front panel, 8 pcs NEUTRIK loudspeaker screw socket, IWAC1/2;IWAC3/4;IWAC5/6; IWAC7/8;SUB1/2;/SUB3/4;SUB2;SUB4
Power indicator lamp	—	Front panel, three-phase power X/Y/Z independent control power indicator, with power switch on / off and light / extinguish.
Voltage/current display	In the front panel, Real time display of current AC voltage and AC total current	—
Voltage display accuracy	(+ 1% no-load)	—
Working voltage	100-240V~ ±10%	Three-phase power supply 120V~ ±10%
Working frequency	50Hz/60Hz ±5%	60Hz ±5%
G.W.	8.6kg	8.5kg
Product dimensions(mm)	483x426x89	483x426x89
Package dimensions(mm)	595x565x170	595x565x170

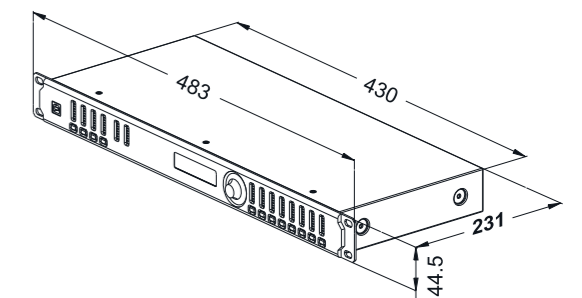
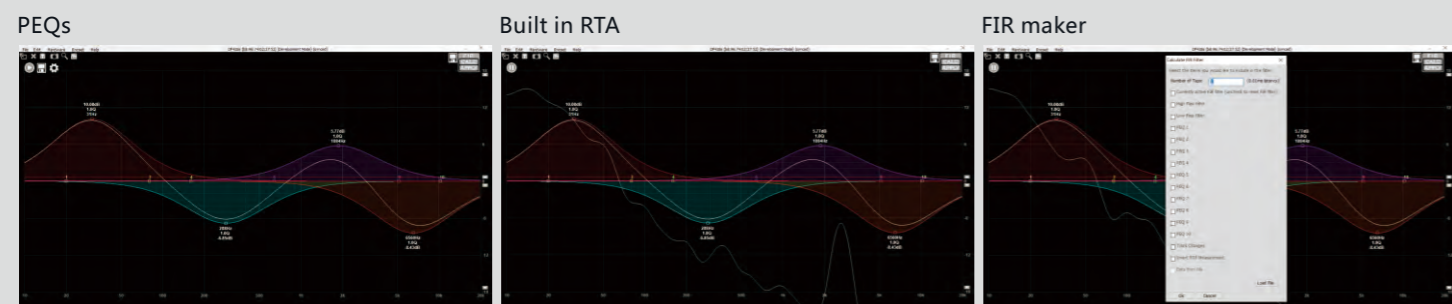
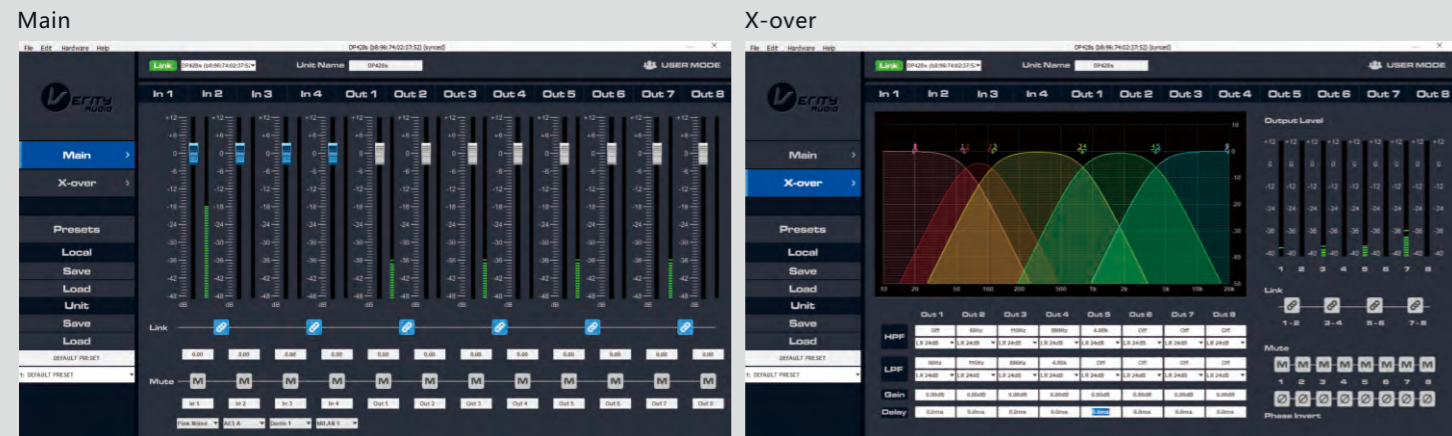
Remarks: The input and output signals of the front panel and rear panel are straight through and are not handled by the circuit.



Acoustics	DP428s
Analog Input	4 ways Balanced Type
Analog Output	8 ways Unbalanced Type
Input Impedance	bal 20kΩ / unbal 10kΩ
Output Impedance	≤100 Ω
Input/Output Gain	From +12dB to -48dB, 0.01dB increment
Input-to-output latency	520μs
Frequency response	20Hz ~ 20kHz(±0.5dB)
THD+N	< 0.008%
Max Delay	Input 2s, Output 50ms
Dynamic Range	> 115dB(A)
Number of processors	5
Converts Frequency	20Hz ~ 20kHz, 1Hz increment
Centre Frequency	20Hz ~ 20kHz, 1/36 octave(19980 positions) increment
Max. Input Level	+24 dBu
Minimum Load Impedance	600Ω
Maximum Output Level	+18dBu(600 ohms load)
Filter Gain	From +12dB to -12dB, 0.01dB increment
High Pass & Low Pass Filter	Q value 0.2-25 adjustable, 0.1 increment/10 bands /1 filter each output channel, open and close
FIR Filter	8 x 800taps at output channels
Types of IIR Filter	Bessel/Butterworth 6/12/18/24 dB each octave, and Linkwitz-Riley 12/24/48 dB/octave
Protect Function	System can be set code which can prevent unauthorized person operation
Connector	
Input/Output Section	3 cores XLR F socket/3 cores XLR M socket
USB Connector	Square
Power Socket	3 cores ICE socket
Input Limiter	Threshold +24dBu to -48dBu
Output Limiter	Threshold +18dBu to -42dBu
Start-up Time	0
Release Time	1-100
Sampling Rate	96kHz
Phase	180° phase
LCD Display	2*16 character type LCD display
Input Level Match	2*7 points, -30dB to clip
Output Level Match	6*7 points, -30dB to clip
Preset	More than 100 PCS preconfigured more than 100 Local preconfigured
Language Options	English, Germany, Spanish, French, Dutch
Version Information	The version information of hardware, software, DSP module

**Features**

- The DP428s adopts a fully functional DSP module originally customized from Germany, with extremely high audio specifications and advanced processing functions, making it a powerful tool for sound engineers to solve various problems with electroacoustic and building sound.
- 4 analog inputs+1 digital stereo AES input + selectable Dante 4 inputs and 8 analog outputs. The four input channels can be arbitrarily assigned input signals, any one or all of them can be input some mixed signals can be fed into the 1-2-3-4 input channels, which is equivalent to having an input matrix function.
- Having four dynamic equalizers: 1) Band Cut bandpass, 2) High Cut low-pass, 3) Low Cut high pass, 4) Full range full frequency, 4 modes, more advanced and effective than other single frequency point compressors.
- It has the function of outputting adjacent channels from stereo to bridging mono.
- With 5 commonly used fixed modes. 1) 8 mono full range output mode, 2) stereo full range mode, 3) stereo two division mode, 4) stereo three division mode, 5) stereo four division mode.
- Eight output channels are fixed with 800 FIR taps.
- Emergency function with AES automatic conversion to analog signal in case of failure.
- It has the emergency function of automatically converting AES to analog signals in case of faults.
- The DP428s contains 5 processors.
- Three control ways: 1) USB wired control, 2) TCP/IP wired control, 3) RJ45 output achieves wireless control through a wireless router. The management interface of DP428s can display the names, IP addresses, working status, and other information of all products connected to the system in a vertical list format, allowing you to determine the operating status of the entire large system in seconds.



Weight/Size	
G.W	4.2kg ±5%
Product Dimensions(mm)	482X231X44.5(1U)
Package Dimensions(mm)	560X345X105(1U)