



Full catalogue



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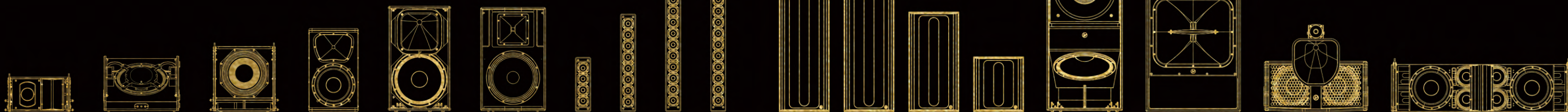
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EVOLUTION

Verity Audio Catalogue 2024





Here's to us in this profession !

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DP48 (Powered by NST audio UK)

MARS CONCERT 2023
HuaChenyu concert tour

Image from webpage
火星演唱会 MarsConcert Official Weibo
华晨宇工作室 Official Weibo





Line Arrays



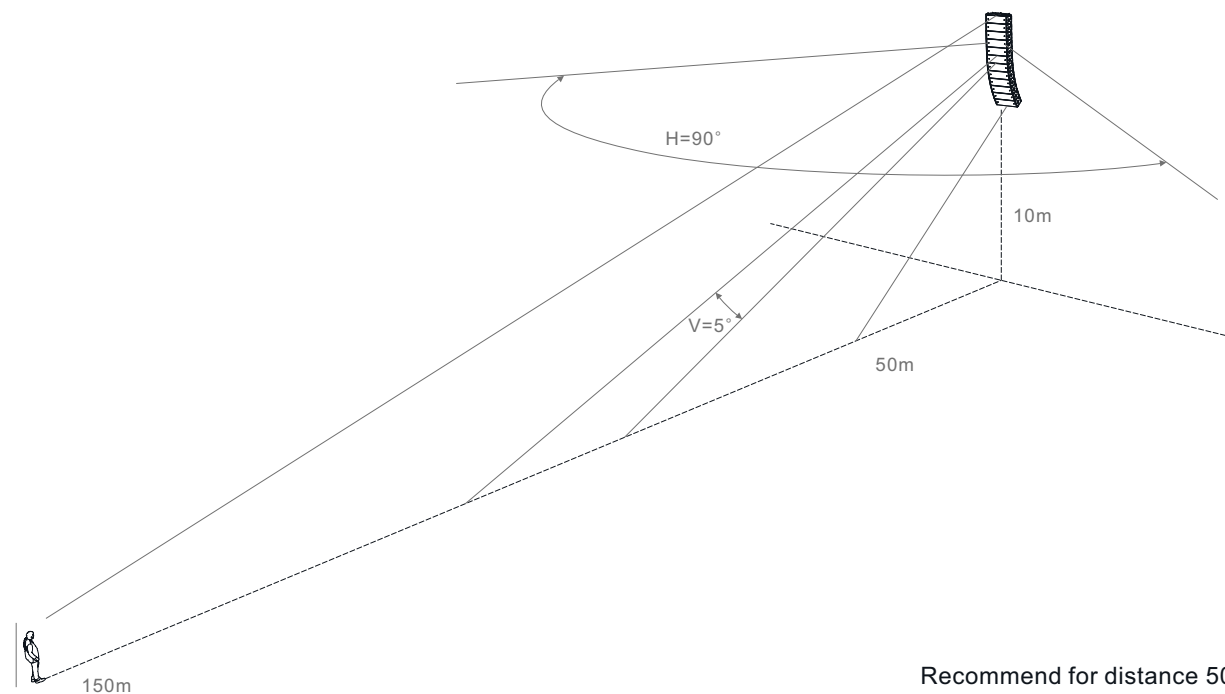
3-Way Dual 15" Line Array System



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.

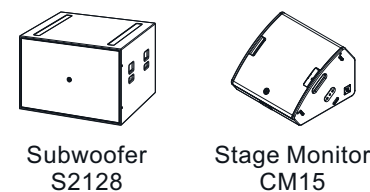


Recommend for distance 50-150M

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

_SPL max > 148dB
_H=90°, V=5°

Recommend modles for V1



3-Way Dual 12" Line Array System

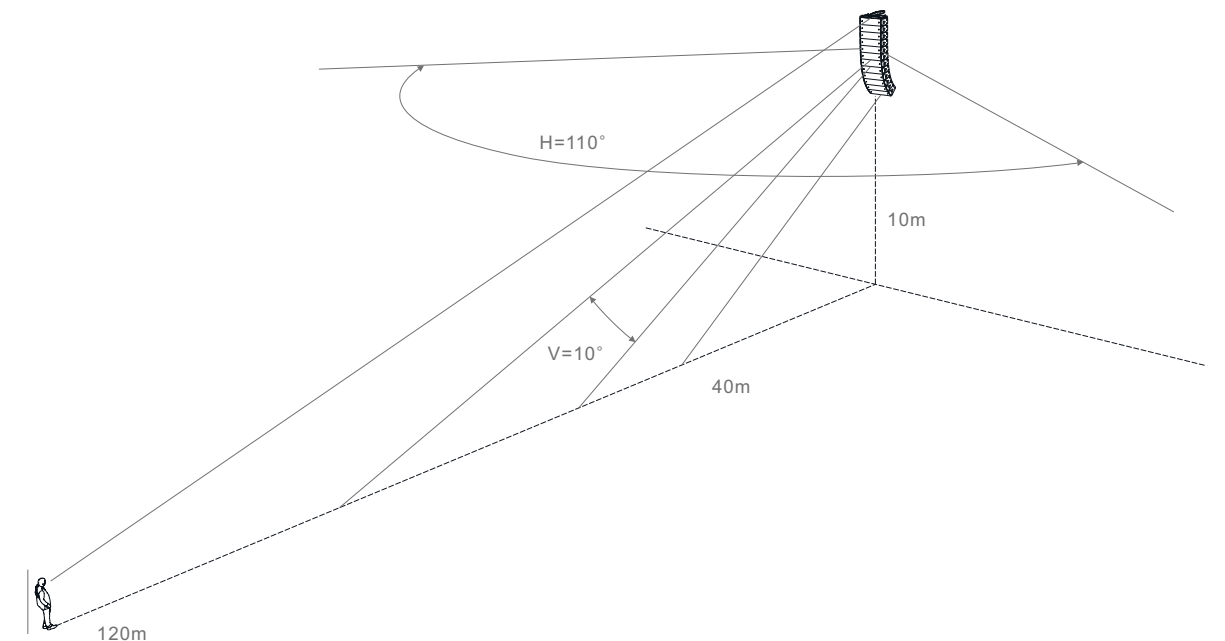


The 3-way quad amplified design, the transducers resources are among the characteristics giving V2 an exceptional ability to perform in many applications and with a record-breaking performance/weight ratio.

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.

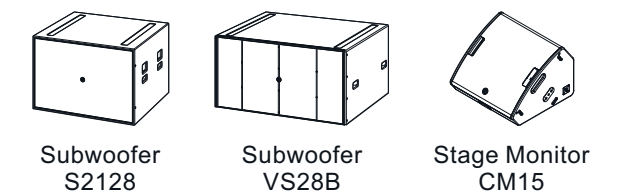


Recommend for distance 40-120M

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
_Example is 12 PCS, MAX hanging QTY.=12PCS
_Basic transportation system for 3 PCS
_A cordial Subs stack

Recommend modles for V2



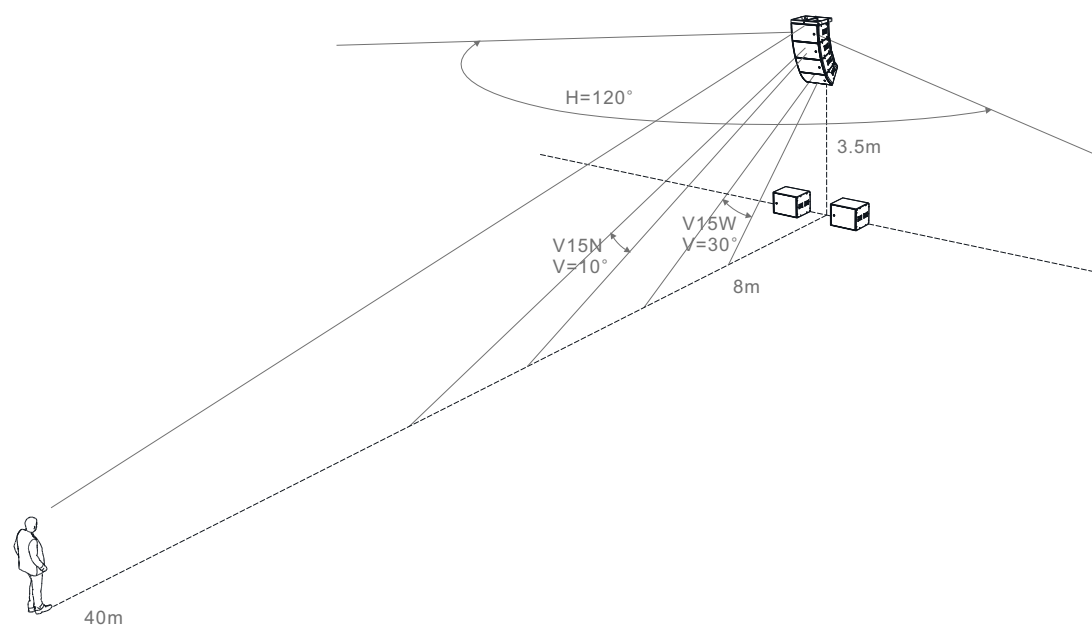
V15

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 8 to 40 meters.

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

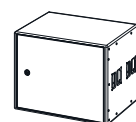


Recommend for distance 8-40M

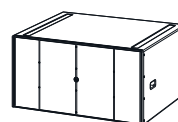
LF: 1x 15" ferrite V.C: 3"
HF: 1x 1.4" Neodymium V.C: 3"

_SPL max: 144dB(V15N), 144dB(V15W)
_Coverage(HxV): 120°x10°(V15N), 120°x30°(V15W)

Recommend modles for V15N/W



Subwoofer
VS21



Subwoofer
VS28B



Stage Monitor
CM15



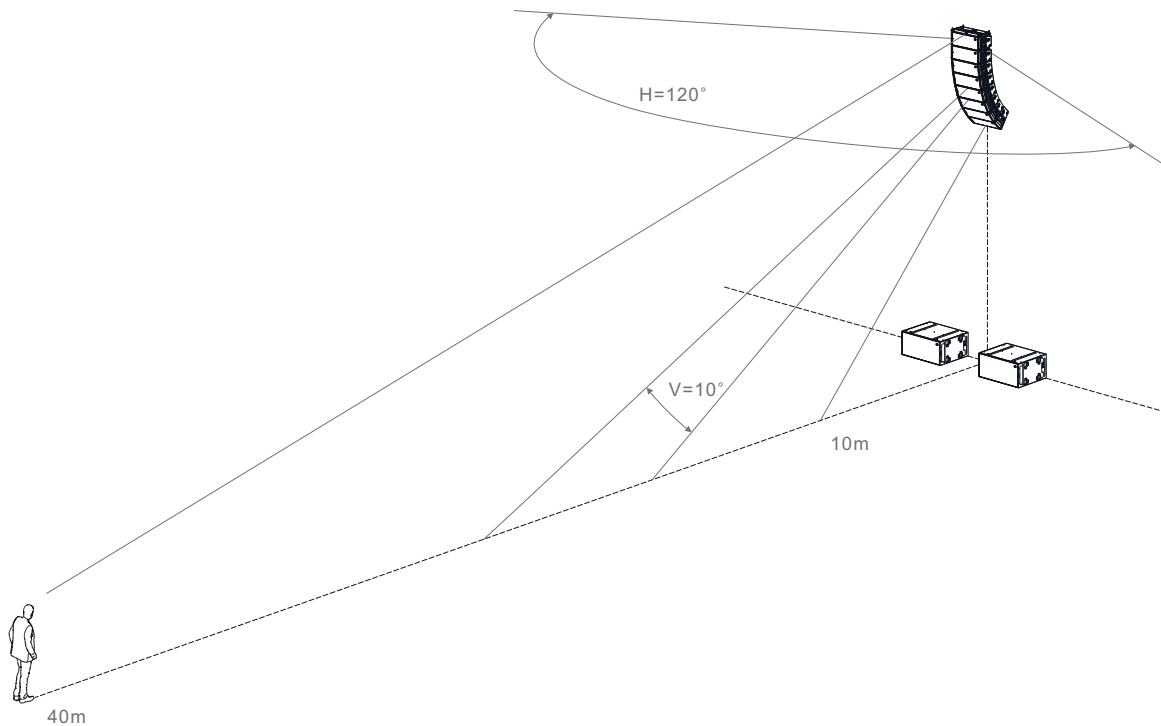
13 TANG LIVEHOUSE
Shanghai China

IWAC220

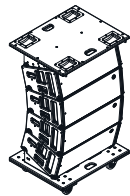
Passive Dual 10" Vertical Line Array System



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.



Recommend for distance 10-40M

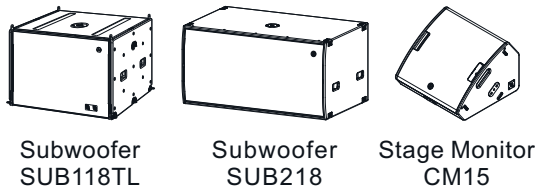


IWAC220-4UVTS

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

- _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 modles for IWAC220

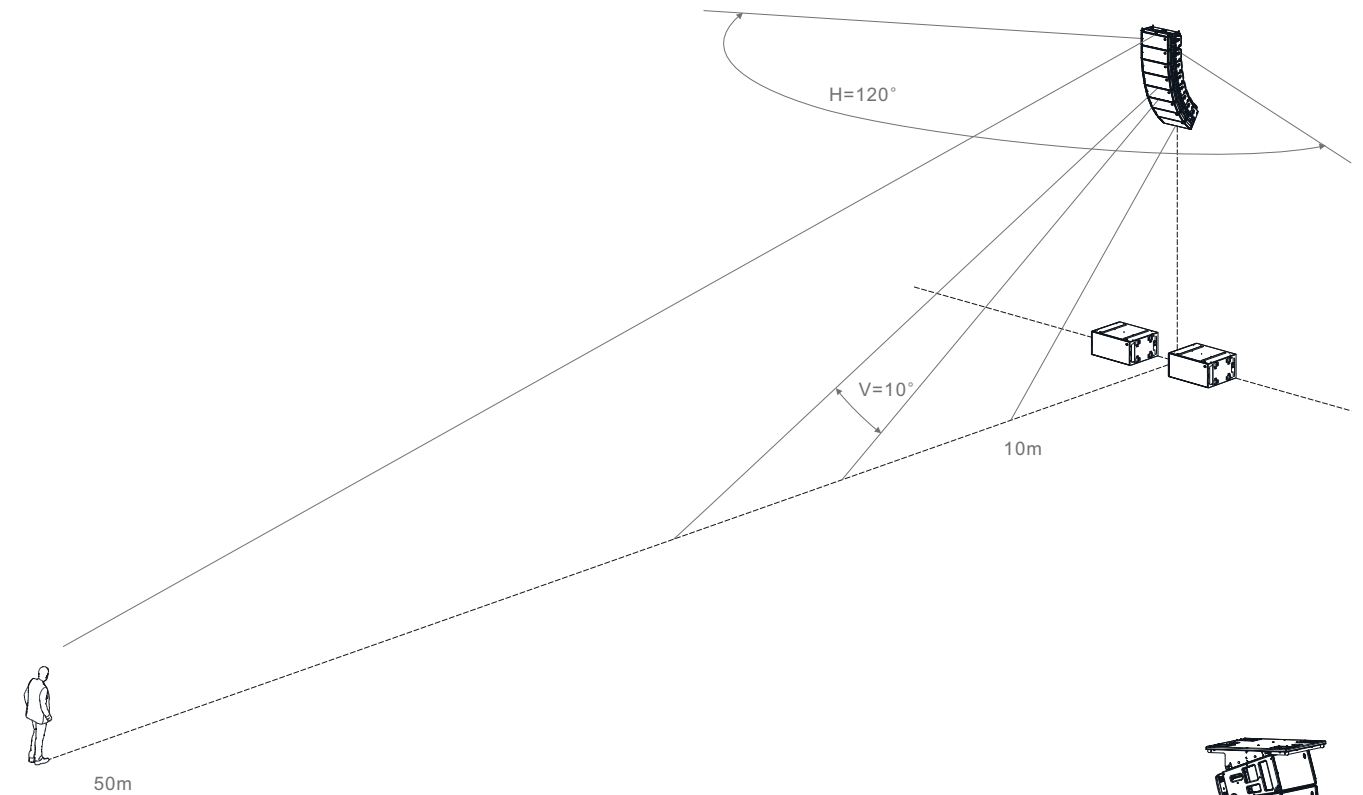


IWAC220P

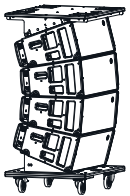
Active Dual 10" Vertical Line Array System



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.



Recommend for distance 10-50M

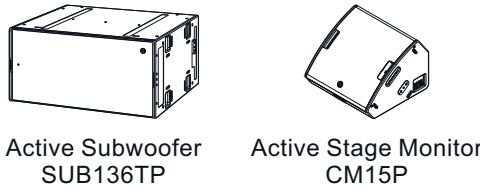


IWAC220P-4UVTS

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

- _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





EDM Sound Speakers



Napol

Passive Vertical array-able
Extra Large Point Source Speaker

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
VS28B

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



CAUCA BEER CLUB
Vietnam

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 $60^\circ \times 75^\circ$.

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.

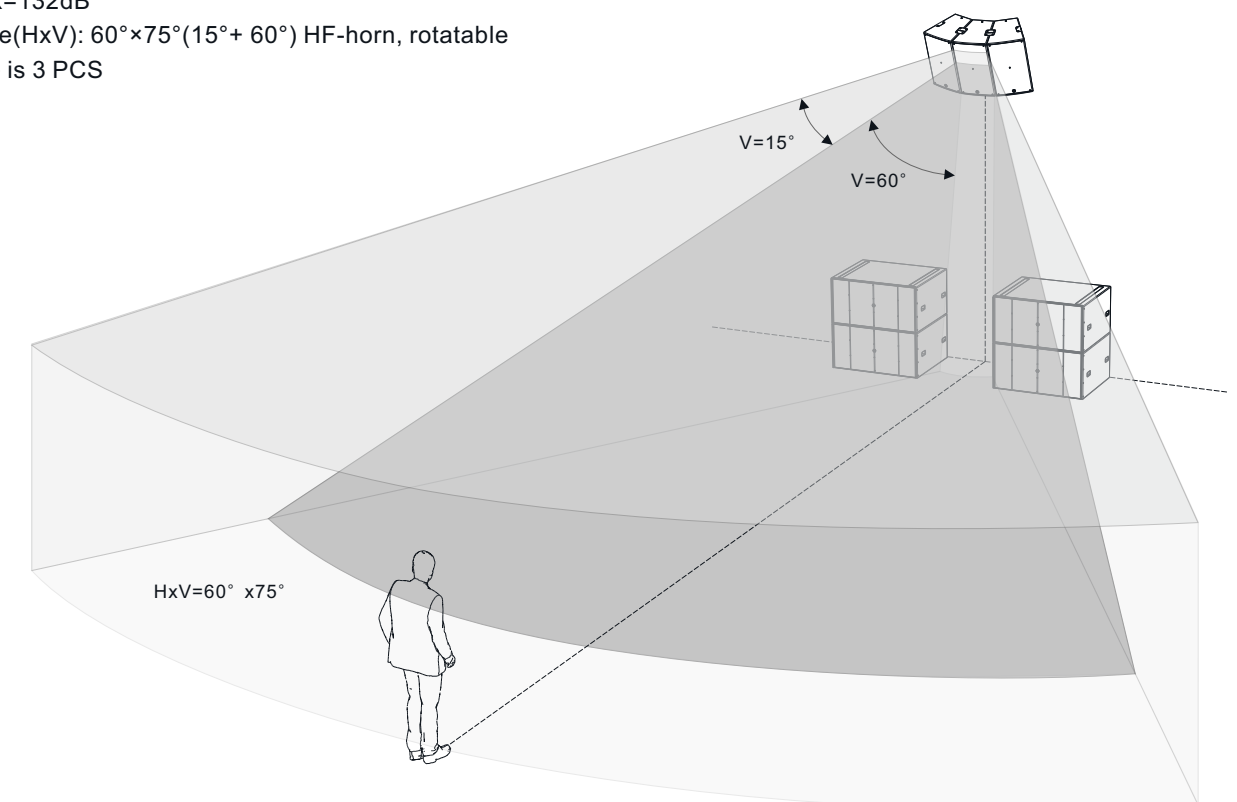
LF: 1x 15" cone driver V.C: 4"

HF: 1x 1.4" exit with 3" diaphragm ferrite transducers

_ SPL max=132dB

_ Coverage(HxV): $60^\circ \times 75^\circ (15^\circ + 60^\circ)$ HF-horn, rotatable

_ Example is 3 PCS



Recommend modles for EVO15 Gold



Subwoofer
VS28C



MONSTER

The Next Generation Of Sound System For Today's EDM

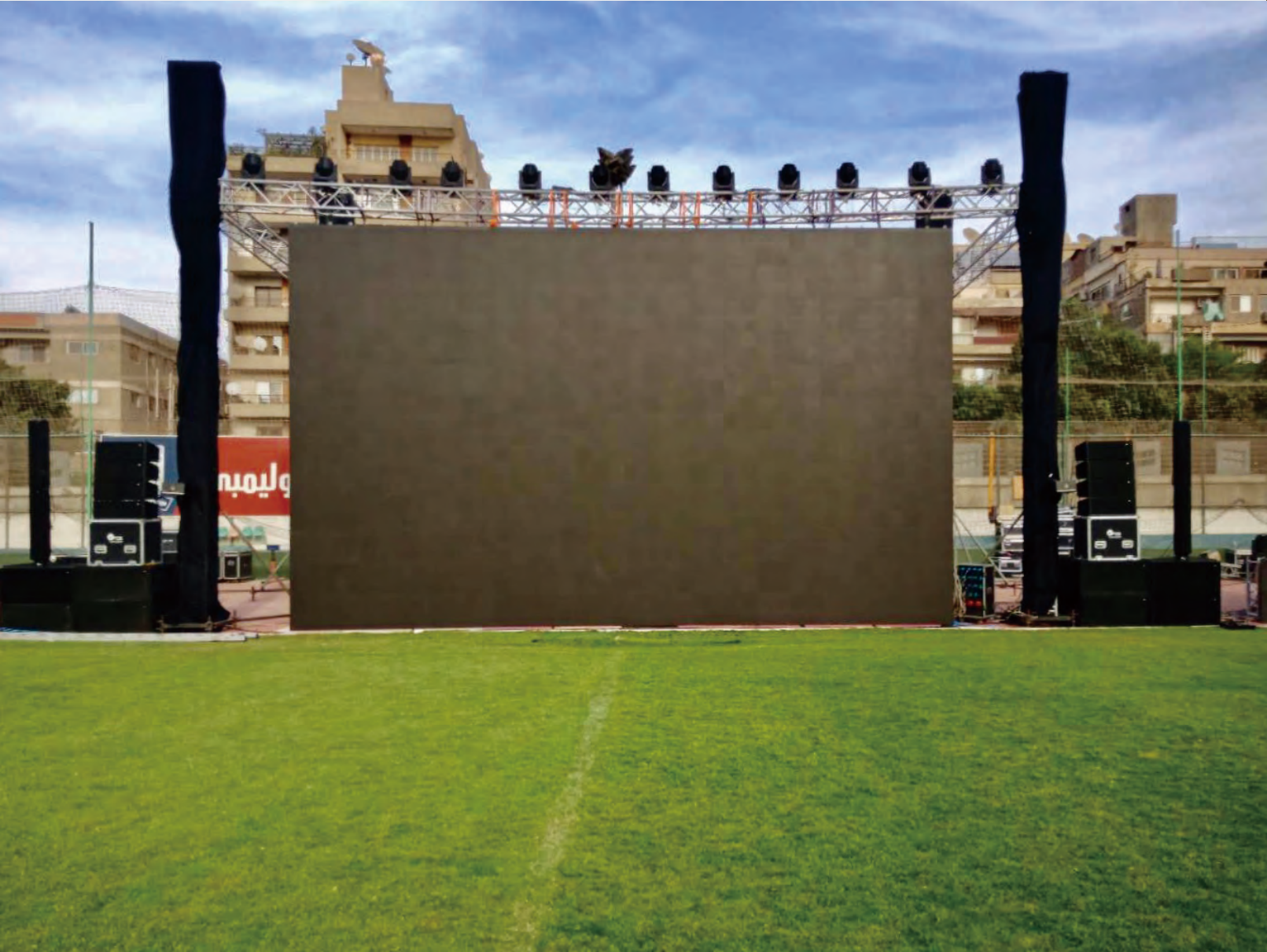
Super Monster is two meters high after stacking. The full stack consists of 2 X Asymmetric HF Horns , 2 X double 12" mid-bass and 2 X 21" ultra bass. UHF drivers can be added for the ultimate in power and fidelity. Super Monster at 15 meters away in a reverberant free space can reach 142dB instantaneous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

- _SPL max=142dB
- _Coverage(HxV): UHF:40°× 40°; Monster212:110°× 80°(up20°xdown60°)

System components for MONSTER

		
MONSTER 212-UHF	MONSTER 212-HF MONSTER 212-LF	Subwoofer MONSTER 121S

Steerable Vertical Coverage
Angle Active Column



Outdoor large-scale performance
Egypt



AC12.3P

Steerable Vertical Coverage Angle Active Column

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

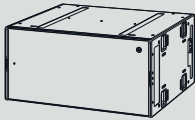
- _ SPL max=123dB
- _ H=120°@5kHz, V=Configurable
- _ Compact, portable, high SPL arrayable column design
- _ Built in multi channel digital amplifier and DSP module precise adjustment of vertical sound beam control
- _ MAX 8 pics AC12.3P to hand with linear and get 8 meter long lineal source it can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



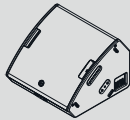
Recommend modes for AC12.3P



Active Subwoofer
SUB215P



Active Subwoofer
SUB136TP



Active Stage Monitor
CM15P



Full Range



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.

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



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
Puissant 10	LF: 1x10" cone driver	V.C: 3" HF: 1x1" V.C: 1.7"	>130dB	90°× 70°
Puissant 12	LF: 1x12" cone driver	V.C: 3" HF: 1x1.4" V.C: 3"	>132dB	90°× 70°
Puissant 15	LF: 1x15" cone driver	V.C: 4" HF: 1x1.4" V.C: 3"	>134dB	90°× 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
P 10	LF: 1x10" cone driver	V.C: 3" HF: 1x1" V.C: 1.7"	>130dB	90°× 70°
P 12	LF: 1x12" cone driver	V.C: 3" HF: 1x1.4" V.C: 3"	>132dB	90°× 70°
P 15	LF: 1x15" cone driver	V.C: 4" HF: 1x1.4" V.C: 3"	>134dB	90°× 70°

Recommend modles for Puissant / P



Subwoofer
VS28C

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
MUSE 6+	6.5" coaxial V.C: 1.5"+1"	>118dB	90°× 90°
MUSE 8+	8" coaxial V.C: 2"+1.4"	>125dB	90°× 90°
MUSE 10+	10"+1" V.C: 2.5"+1.4"	>130dB	90°× 60°
MUSE 12+	12"+1" V.C: 2.5"+1.4"	>131dB	90°× 60°

Muse P

Entry level multiple purpose active full range speaker

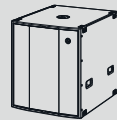
The MUSE P Series is our range of Active Full-Range Multi-purpose sound reinforcement cabinets.Optimized passive internal crossover delivers exceptionally flat phase response and is coupled to a robust full-featured amplifier module (operating on 100-240VAC).

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

Recommend modles for MUSE +

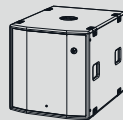


Subwoofer
SUB118



Subwoofer
SUB218

Recommend modles for MUSE P



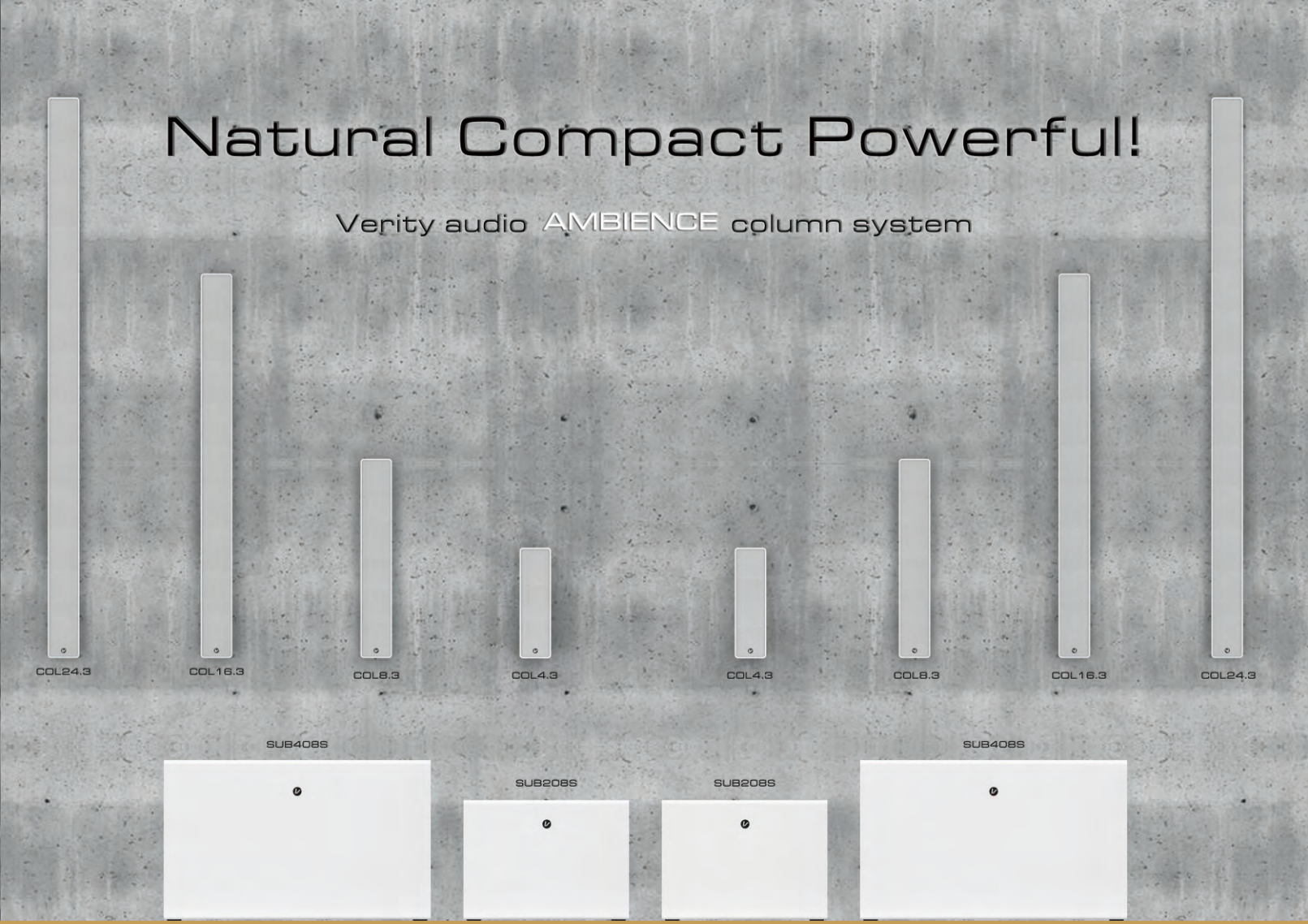
Active Subwoofer
SUB115P



Active Subwoofer
SUB215P



Environment-friendly speakers



AMBIENCE

Selectable vertical disperation angel passive column

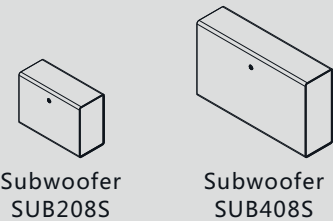
The AMBIENCE loudspeakers series feature a unique design with a high quality finishing and a superior sound performance. AMBIENCE is the ideal series to provide an exquisite and powerful sound to a wide range of movable and fixed installation applications such as on fashion shops or retail stores, luxurious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



Subwoofer
SUB208S

Subwoofer
SUB408S



G

Environment-friendly invisible column speaker

- _Integrated with architectural lines, Harmonized with architectural style
- _Full range European neodymium driver
- _90 ° wall angle installation
- _Invisible geometric column system

	Driver	SPL max	Coverage
G43	4 x 3" Neodymium	> 125dB	120°x20°
G83	8 x 3" Neodymium	> 130dB	120°x10°(20°) Selectable
G163	16 x 3" Neodymium	> 136dB	120°x15°(30°) Selectable
G243	24 x 3" Neodymium	> 139dB	120°x50°



GE

Environment-friendly invisible coaxial speaker

- _Integrated with architectural lines, Harmonized with architectural style
- _-35 ° downward sloping panel design
- _90 ° ceiling wall angle installation
- _Invisible geometric coaxial full frequency speaker

	Coaxial Driver	SPL max	Coverage
GE6	6" LF+1" HF Ferrite	> 120dB	120°x110°
GE8	8" LF+1" HF Ferrite	> 126dB	100°x100°
GE12	12" LF+1.4" HF Neodymium	> 131dB	80°x80°
GE14	13.5" LF+1.4" HF Neodymium	> 134dB	80°x80°





KTV Speakers

STAR PARTY
Chongqing China



MENG TIAN Livehouse
Shanghai China

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.

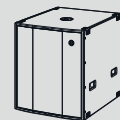
There are 10cm spacing suspension points specially designed for universal speaker hanger on three sides of the speaker, which can be suspended by universal speaker hanger. In addition, there are M8 corner yard hanging points on the front and rear of the speaker, which can also be suspended by hanging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



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

_SPL max: 131dB
_H=70°, V=60°

Recommend modes for KB12



Subwoofer
SUB118



Subwoofer
SUB218



Stage Monitors



HUACHENYU 2023 MARS CONCERT in China

CM15

2-Way Passive Coaxial Enclosure Stage Monitor

The CM15 is an 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.



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°

CM15P

2-Way Active Coaxial Enclosure Stage Monitor

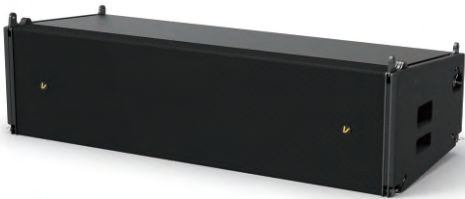
The CM15P is an active coaxial system designed as a reference stage monitor. The enclosure features a 3" diaphragm compression driver coaxially-loaded by a low frequency transducer in a bass-reflex cabinet.



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

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

_SPL max: > 134dB
_H=40°, V=60°

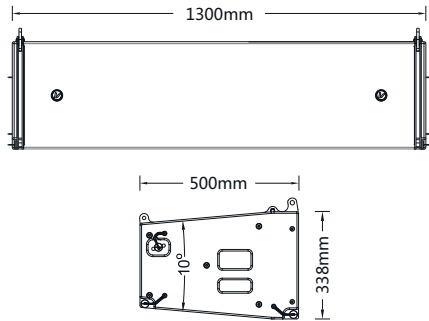
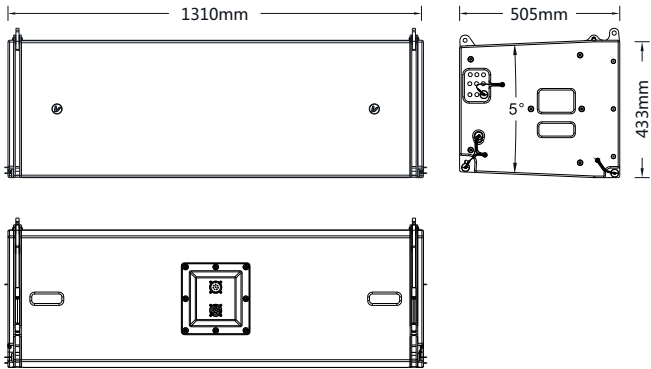


Acoustics	V1	V2
Power handling capacity	LF : 2000W/MF : 800W/HF : 660W (Program)	LF : 2x 1000W/MF : 1600W/HF : 440W (Program)
Frequency response*	35Hz~20kHz (Processed)	33Hz~20kHz (Processed)
Maximum SPL*	> 148dB (Processed)	146dB (Processed)
Nominal impedance	LF : 2x 8Ω/MF : 8Ω/HF : 8Ω	LF : 2x 8Ω/MF : 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"
	Remark: * Peak level measured at 1 m under half space conditions using pink noise with crest factor 4 (preset specified in brackets).	Remark: * Peak level measured at 1 m under free field conditions using pink noise with crest factor 4 (preset specified in brackets).

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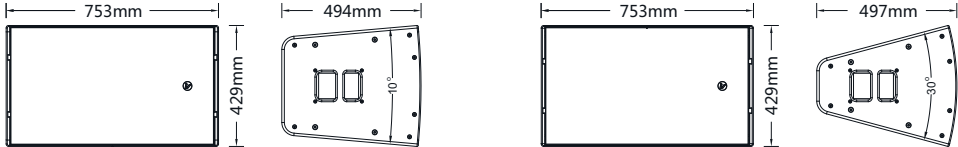


Acoustics	V15N	V15W
Power handling capacity/peak	1200W(program)/2400W(peak)	1200W(program)/2400W(peak)
Frequency response	41Hz~20kHz(processed)	42Hz~20kHz(processed)
Maximum SPL*	144dB(processed)	141dB(processed)
Nominal impedance	8 Ω	8 Ω
Coverage(HxV)	120° x 10°	120° x 30°
HF driver	1x 1.4" throat/Titanium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

Connector	2x NEUTRIK® NL4 Speakon parallel (Input/Output:1+/1-)
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Cabinet	Cabinet:15mm birch plywood made by CNC ; Handling:2 handles ; Front:front coated steel grill acoustically neutral 3D fabric ; Finish:black polyurea spot spray
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Weight/Size	N.W/G.W 34.5kg/40.5kg ±5% Product Dimensions W753xH429xD494mm Package Dimensions L608xW538xH862mm	31.5kg/37kg ±5% W753xH429xD497mm L608xW538xH862mm
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Design for pro-touring applications
Using with SUB136T

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

Connector

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

Cabinet

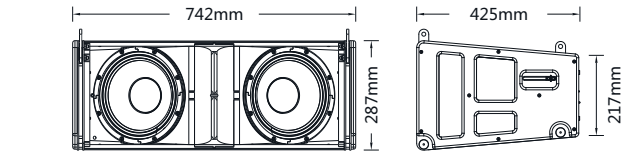
CNC made 15mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

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)



Design for pro-touring applications
Using with SUB136TP

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

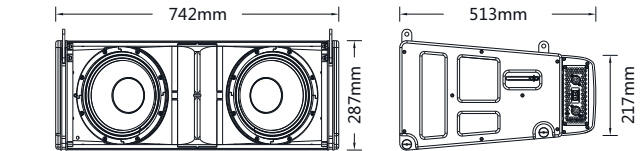
2xNEUTRIK® PowerCon® ; 2xNEUTRIK®XLR ; USB-B(DSP control)

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)



Acoustics	Napol
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°× 60°
LF driver	2x 15"cone driver
Voice coil	4.5"
Coaxial MF+HF driver	1×1.4" V.C:4"+2.5"

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

Connector

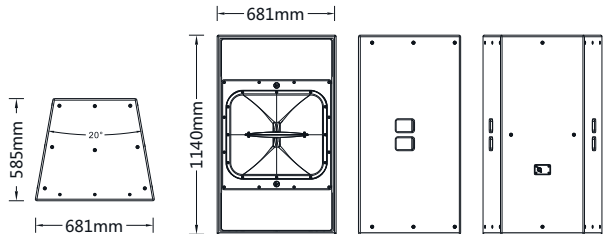
1x NEUTRIK® NL4 SPEAKON®

Cabinet

CNC made 18mm birch plywood

Weight/Size

Product Dimensions	W1140xH681xD585mm
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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°×75°(15°+ 60°) HF-horn, rotatable
LF driver	1x 15"cone driver
Voice coil	4"
HF driver	1×1.4" exit with 3" diaphragm ferrite transducers

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

Connector

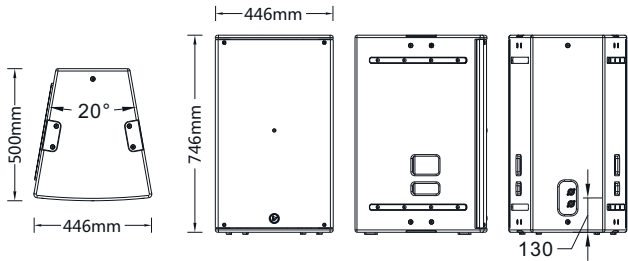
2x NEUTRIK® NL4 SPEAKON parallel INPUT/OUTPUT:+1/-1; LINK: +2/-2

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



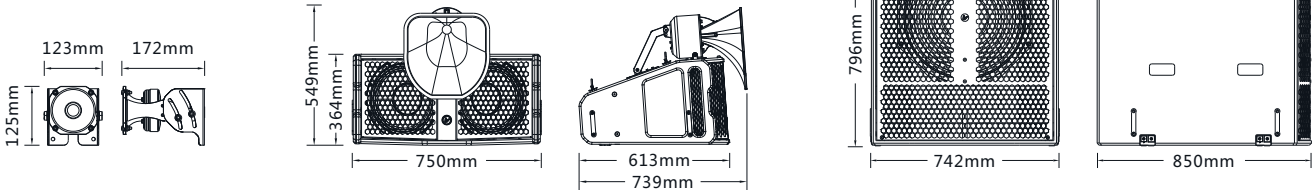


))) Acoustics	MONSTER212-UHF	MONSTER212	MONSTER121S
Power(AES)	35W	LF : 1200W / HF : 90W	—
Program power	70W(Above 6kHz)	LF : 2400W / HF : 180W	—
Nominal impedance	8Ω	LF : 4 Ω / HF : 16Ω	8Ω
Frequency response	2.6k~30kHz(-10dB)	LF : 70~2.5kHz / HF : 700~18kHz(-10dB)	LF : 23Hz(-10dB)(processed)
Sensitivity	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			

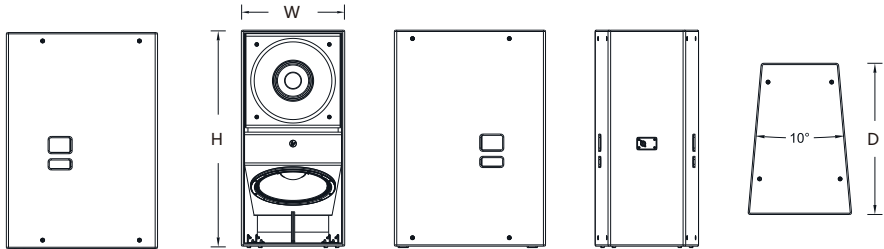
N.W/G.W	1.8kg/2.2kg	LF : 37kg / 48kg HF : 8.5kg / 12kg	85kg / 99kg
Product Dimensions	W110xH120xD175mm	LF : W750xH549xD739mm	W742xH796xD850mm
Package Dimensions	W236xH236xD286mm	LF : W910xH510xD780mm HF : W460xH430xD440mm	L982xW874xH939mm



))) 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





))) 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

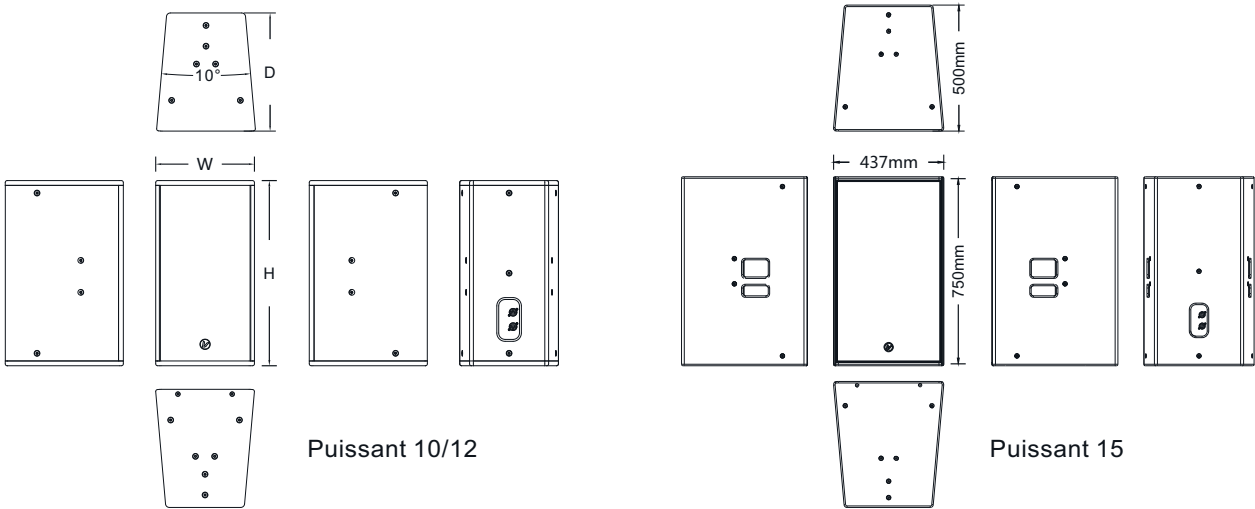
2x NEUTRIK® NL4 SPEAKON® parallel Input/Output: +1/-1; Link: +2/-2

📦 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

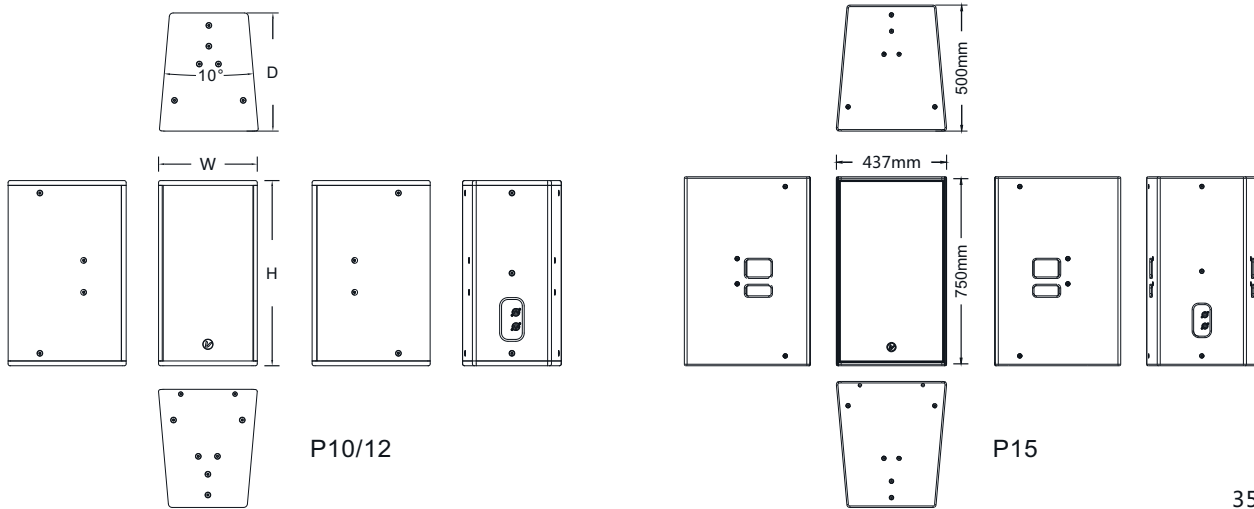
2x NEUTRIK® NL4 SPEAKON® parallel Input/Output: +1/-1; Link: +2/-2

📦 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	—	—

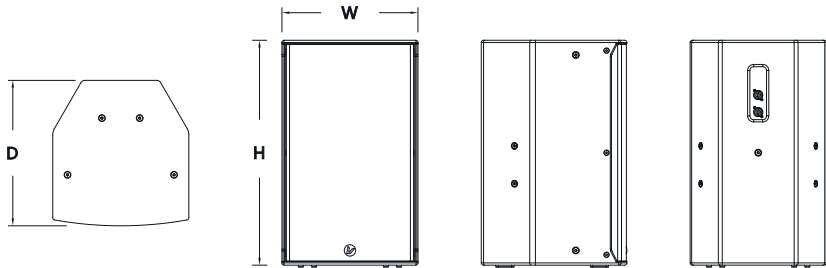




))) Acoustics	MUSE 6 ⁺	MUSE 8 ⁺	MUSE 10 ⁺	MUSE 12 ⁺
Power capacity	200W(Program)	400W(Program)	500W(Program)	500W(Program)
Nominal impedance	8Ω	8Ω	4Ω	4Ω
Frequency response	56Hz~20kHz(-10dB)	77Hz~20kHz(-10dB)	68Hz~20kHz(-10dB)	55Hz~20kHz(-10dB)
Maximum SPL*	> 118dB(processed)	> 125dB(processed)	> 130dB(processed)	> 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.

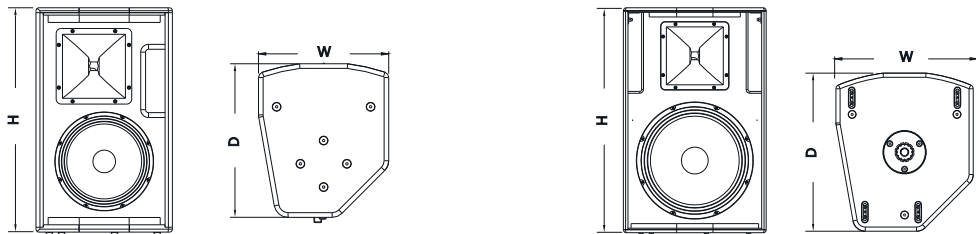
))) Connector				
2x NEUTRIK® Speakon NL4				
))) Cabinet				
CNC tongue and groove plywood, Environmentally safe polyurea paint				
))) Weight/Size				
Product Dimensions	W224xH300xD260mm	W280xH405xD285mm	W315xH550xD330mm	W360xH595xD385mm



))) 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 diaphragm compression driver	1x 1"throat diameter 8Ω ferrite magnet polyester diaphragm compression driver	1x 1"throat diameter 8Ω ferrite magnet polyester diaphragm compression driver	1x 1.4"throat diameter 8Ω ferrite magnet polyester diaphragm compression driver
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	100V-240V~ 50/60Hz	100V-240V~ 50/60Hz	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
Power handling capacity/peak	1000W(Program)/2000W(Peak)
Frequency response(-10dB)	45Hz~20kHz
Maximum SPL	131dB*
Nominal impedance	8 Ω
Coverage(HxV)	70° x 60°
HF driver	1"throat/Polymer composite membrane/Neodymium magnet
Voice coil	1.5"
LF driver	1x 12"ferrite cone driver
Voice coil	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)



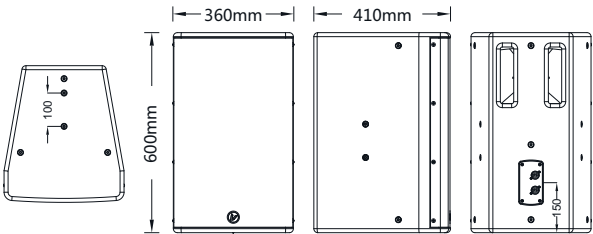
Cabinet

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




Weight/Size


N.W/G.W	20.5kg / 23.5kg ±5%
Product Dimensions	W360xH600xD410mm
Package Dimensions	L500xD450xH672mm



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

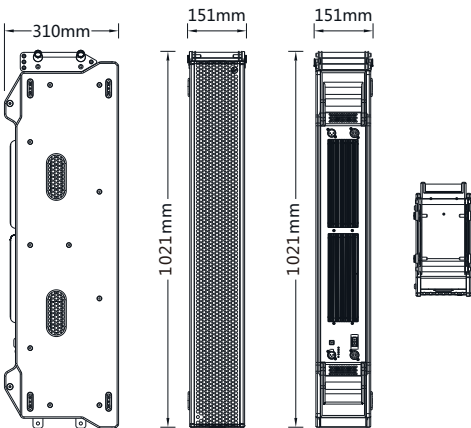


Weight/Size

N.W23kg

Product DimensionsW151xH1021xD310mm

Package DimensionsW1071xH360xD872mm

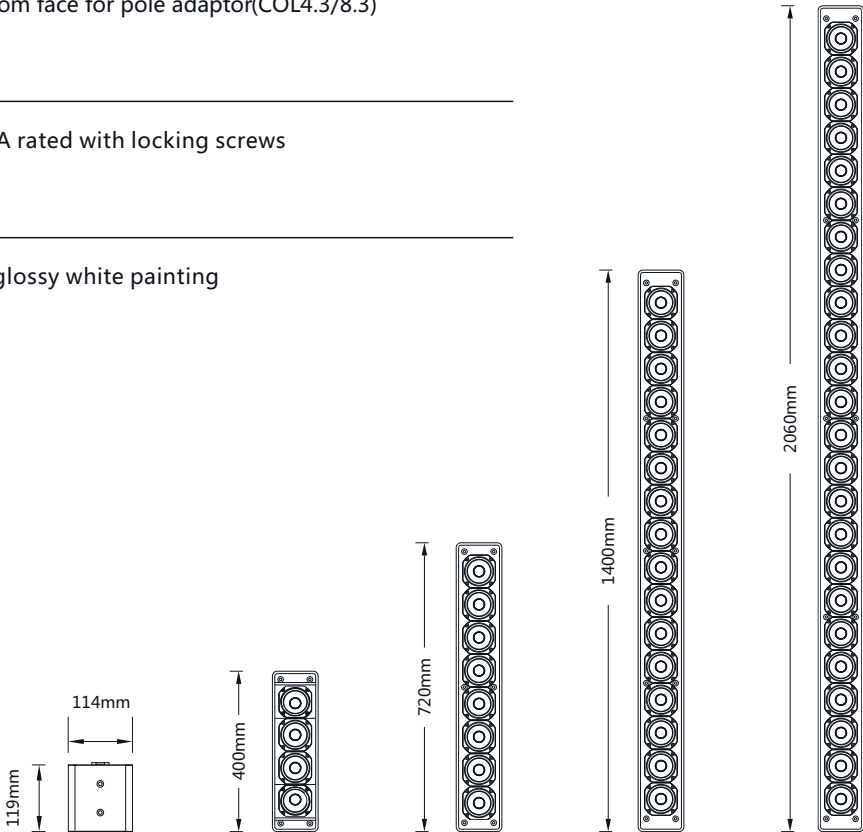


Acoustics	COL4.3	COL8.3	COL16.3	COL24.3
Power(AES)	120W	240W	480W	720W
Program power	240W	480W	960W	1440W
Peak power	480W	960W	1920W	2880W
Nominal impedance	8 Ω	4 Ω	4 Ω	3 Ω
Frequency response (Vertical Angle)	170Hz-13.5kHz(-6dB)	180Hz-16kHz(-6dB)@10° 180Hz-13kHz(-6dB)@20°	180Hz-13kHz(-6dB)@15° 180Hz-14kHz(-6dB)@30°	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

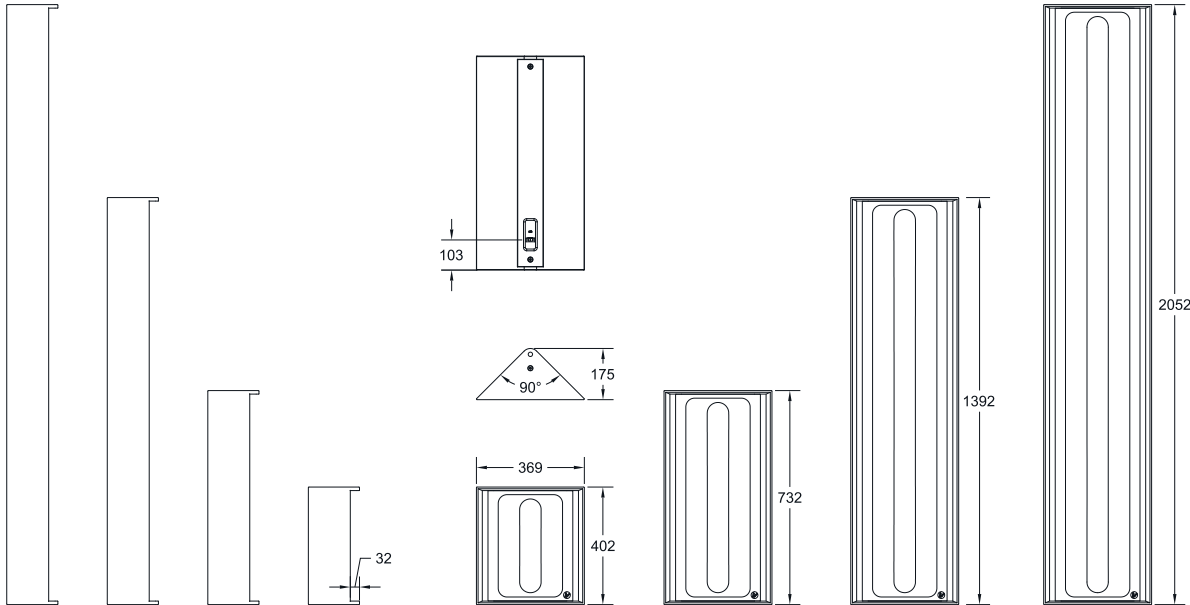




))) Acoustics	G43	G83	G163	G243
Power capacity(Program)	240W	480W	960W	1440W
Nominal impedance	8Ω	4Ω	4Ω	3Ω
Frequency response(-6dB)	130~13kHz	130~13kHz	130~13kHz	130~13kHz
SPL max (processed)*	> 125dB	> 130dB	> 136dB	> 139dB
Coverage (h x v)	120°x20°	120°x10°(20°) Selectable	120°x15°(30°) Selectable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

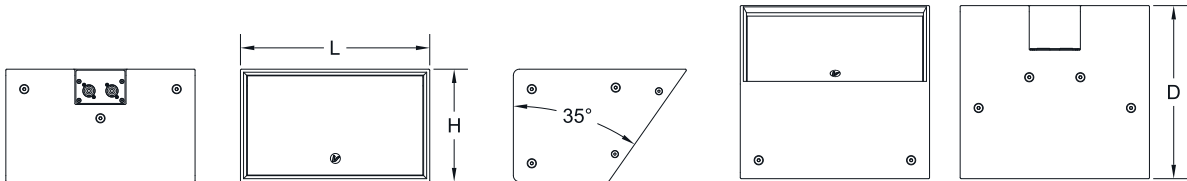
🔌 Connector	1x Euroblock (Phoenix connector) 42Arated with locking screws			
📦 Cabinet	CNC made 12mm MDF, smooth non			
📏 Weight/Size	Product Dimensions W369xD175xH402mm W369xD175xH732mm W369xD175xH1392mm W369xD175xH2052mm			



))) 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 Coxial driver	8" LF+1" HF Ferrite European Coxial driver	12" LF+1.4" HF Neodymium European Coxial driver	13.5" LF+1.4" HF Neodymium European Coxial 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			

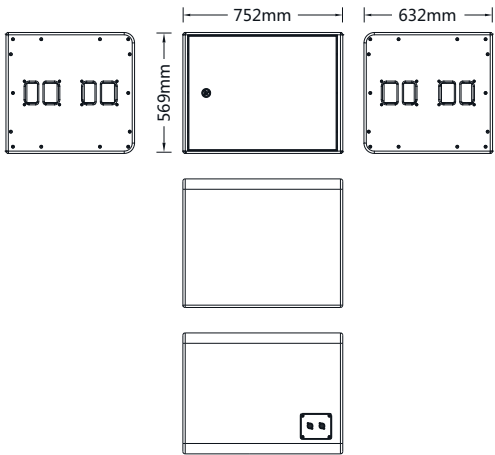
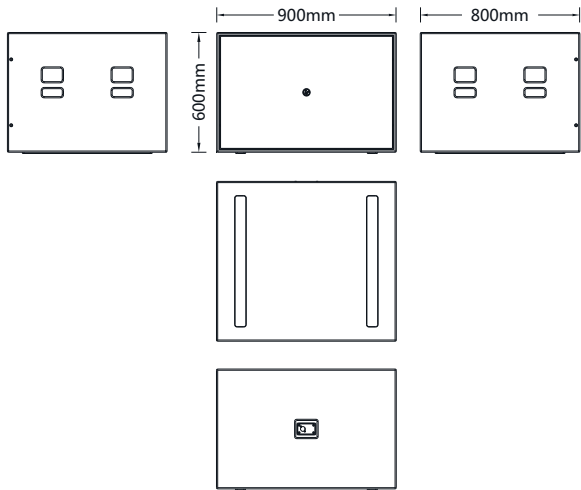




))) Acoustics	S2128	VS21
Power capacity(Program)	3400W+6800W	3400W(Program)
Frequency response	27Hz~130Hz(-10dB)	29Hz~250Hz(-10dB)
Maximum SPL(processed)*	> 144dB	> 138dB*
Nominal impedance	4 Ω+4 Ω	8 Ω
LF Driver	1x21"Neodymium V.C: 4.5" 2x18"Neodymium V.C: 4.5"	1x21"Neodymium magnet driver V.C: 4.5"




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

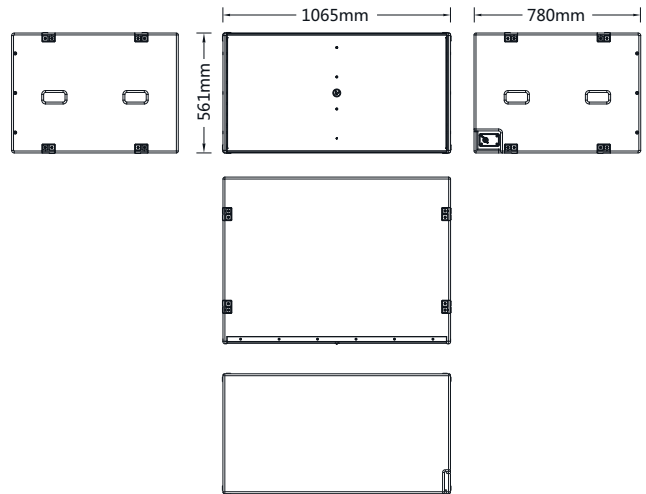
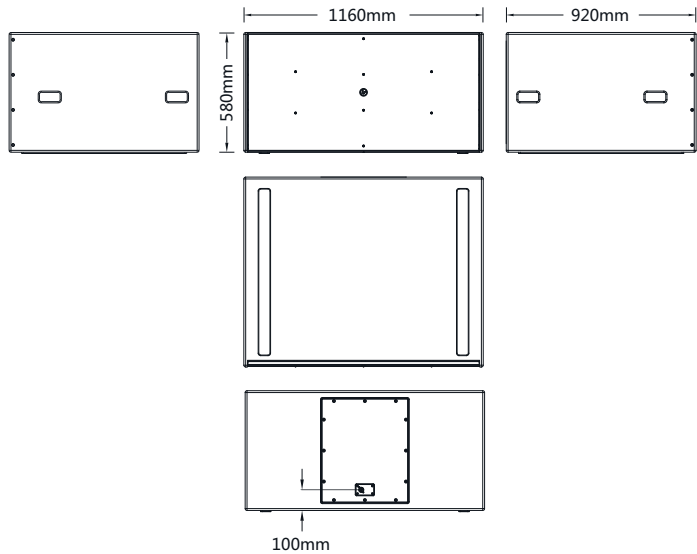
Connector	1x NEUTRIK® NL4 SPEAKON®	2x NEUTRIK® NL4 SPEAKON® parallel INPUT:±1
Cabinet	15mm Birch plywood made by CNC; Front: steel grill with coating acoustically neutral 3D fabric	CNC processing, splicing into the falcon, high-quality multi-layer plywood; black leather texture environmental protection paint; acoustic mesh wrapping steel grilles.
Weight/Size	N.W — Product Dimensions W900xH600xD800mm Package Dimensions —	49kg W752xH569xD632mm —



))) Acoustics	VS28B	VS28C
Power handling capacity	6800W(Program)	4800W(Program)
Frequency response	37Hz~130Hz(-6dB)	36Hz~250Hz(-6dB)
Maximum SPL(Peak)	> 143dB*	> 140dB*
Nominal impedance	4 Ω	4 Ω
LF Drivers	2x18"Neodymium magnet driver V.C: 4.5"	2x18"Ferrite driver V.C: 4"

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

	Connector		
		1x NEUTRIK® NL4 SPEAKON® parallel INPUT:±1 Through: ±2	
	Cabinet		
		CNC,tongue and groove cabinet,Baltic birch plywood Polyurea paint	
	Weight/Size		
N.W/G.W	105.2kg/111.5kg ±5%	87kg/92.5kg ±5%	
Product Dimensions	W1160xH580xD920mm	W1065xH561xD780mm	
Package Dimensions	W1196xH634xD956mm	W1100xH615xD816mm	





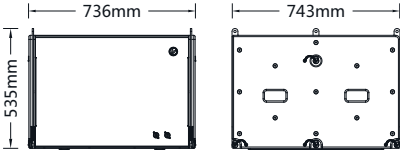
Acoustics	SUB118TL
Power (AES)	1200W(> 36Hz)
Program power	2400W
Nominal impedance	8Ω
Frequency response	28~280Hz(-10dB)
Sensitivity	97dB(Full space)
Maximum SPL	> 137dB
LF driver	1x 18"Ferrite driver V.C:4"(100mm)

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

Connector	Neutrik® SpeakON NL4 (2x at the rear and 2x at the front) Pins 1 ± (LF), Pins 2 ± (Link)
Cabinet	CNC made 18mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

Weight/Size	CNC made 18mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.
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N.W/G.W	65kg / 74.5kg
Product Dimensions	W736xH535xD743mm
Package Dimensions	W850xH612xD843mm



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)

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

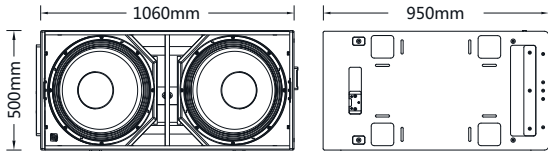
Power module	Power(RMS) 2x1200W Output Topology Class D Electric power 110V/220V
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Processor	Built in controllable DSP digital processor ; DSP Max Delay:5ms(1.7m); 10 bands PEQ;Q:0.2-25 adjustable;Bes/BW 6~24dB /oct & L-R 12~24dB /oct Optional ; Bell/Notch/Hi-shelf/Lo-shelf/All Pass Optional
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Connector	2xNEUTRIK® PowerCon® ; 2xNEUTRIK®XLR ; USB-B (DSP control)
Cabinet	CNC made 18mm birch plywood, Finish: Environmentally safe polyurea textured wear-resistant sprayed coating.

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)
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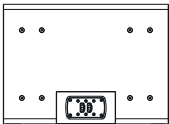
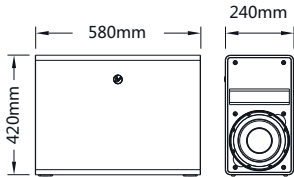
Acoustics	SUB208S
Power(AES)	700W
Program power	1400W
Peak power	2800W
Nominal impedance	4Ω
Frequency response[2]	48Hz~1.1kHz(-6dB) 40Hz~1.5kHz(-10dB)
Sensitivity[1]	92dB SPL 1W/1m half space
Maximum SPL	> 126.5dB Peak @1m
Directivity	Omnidirectional in the usable range
Driver	2 x 8" European Ferrite 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 Product Dimensions W580xH420xD240mm Package Dimensions W673xH517xD337mm
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N.W/G.W	21kg/27kg
Product Dimensions	W580xH420xD240mm
Package Dimensions	W673xH517xD337mm



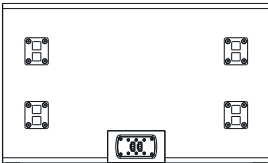
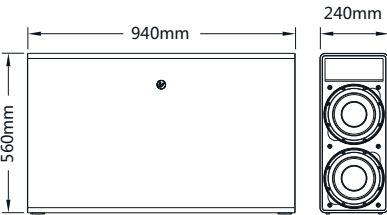
Acoustics	SUB408S
Power(AES)	1400W
Program power	2800W
Peak power	5600W
Nominal impedance	8Ω
Frequency response[2]	33Hz~250Hz(-6dB) 30Hz~350Hz(-10dB)
Sensitivity[1]	94.5dB SPL 1W/1m half space
Maximum SPL	> 132dB Peak @1m
Directivity	Omnidirectional in the usable range
Driver	4 x 8" European Ferrite 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

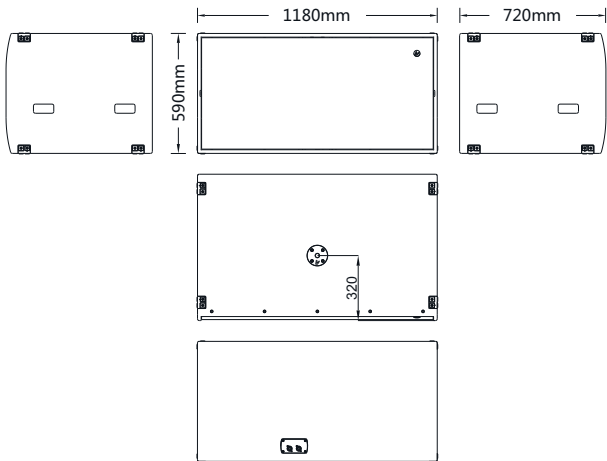
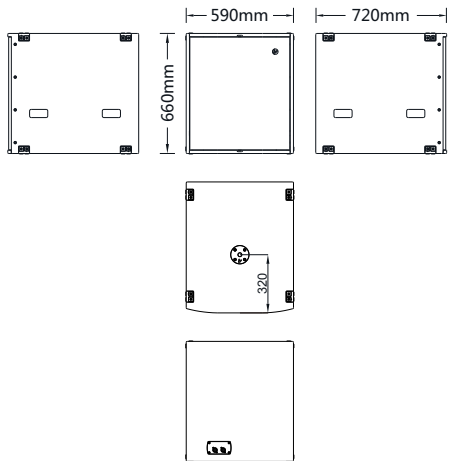
Weight/Size	N.W/G.W 44kg/54.5kg Product Dimensions W940xH560xD240mm Package Dimensions W1036xH657xD337mm
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N.W/G.W	44kg/54.5kg
Product Dimensions	W940xH560xD240mm
Package Dimensions	W1036xH657xD337mm

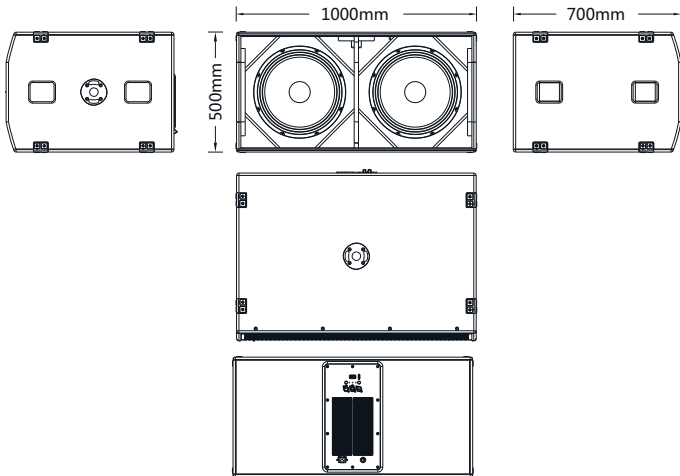
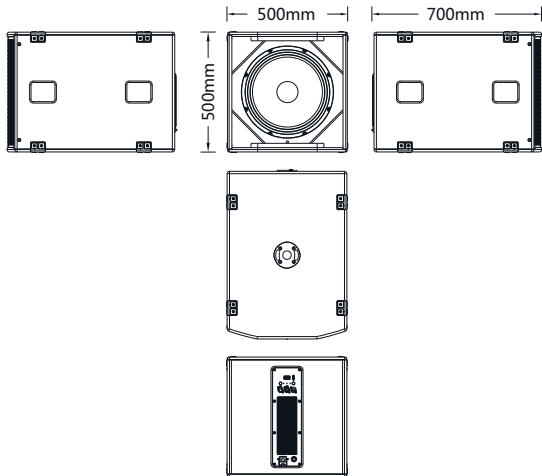


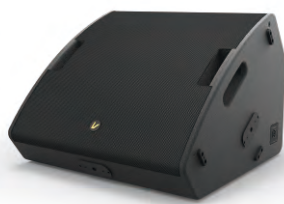


))) Acoustics		SUB118	SUB218
Power(AES)		1200W	2400W
Program power		2400W	4800W
Nominal impedance		8 Ω	4 Ω
Frequency response(-10dB)		28~2.2kHz	28~2.2kHz
Sensitivity		100dB	103dB
Maximum SPL		> 133dB(pink noise 1m 1box)	> 136dB(pink noise 1m 1box)
LF driver		1x 18" Carbon fiber cone ferret driver V.C:4"(100mm)	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		SUB115P	SUB215P
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"
Remark: * Peak level at 1m under half space conditions using pink noise with crest factor 4.			
🔌 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			

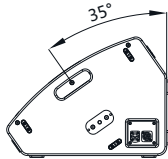
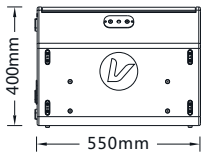
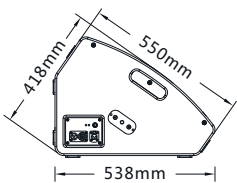
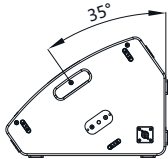
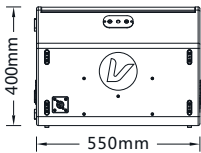
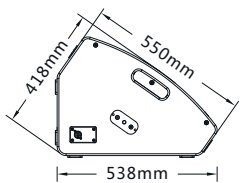




))) Acoustics	CM15	CM15P
Power handling capacity/peak	800W(Program)/1600W (peak 10ms)	—
Frequency response (-10dB)	45~20kHz	—
Input sensitivity	—	32dB
Maximum SPL	134dB(processed)*	> 134dB(processed)*
Nominal impedance	8 Ω	—
Coverage(HxV)	in monitor use 40°× 60°HF-horn, rotatable	in monitor use 40°× 60°HF-horn, rotatable
LF driver	1x 15"cone driver	1x 15"cone driver
Voice coil	3"	3"
HF driver	1×1.4" coaxial exit with 3"diaphragm neodymium	1×1.4" 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		
N.W/G.W	25.5kg/31.5kg ±5%	29kg/35kg
Product Dimensions	W550xH418xD550mm	W550xH418xD550mm
Package Dimensions	W650xH510xD660mm	W650xH510xD660mm



V4.25 Signature Front panel



V4.25 Signature Rear panel



V2.39 Front panel



V2.39 Rear panel



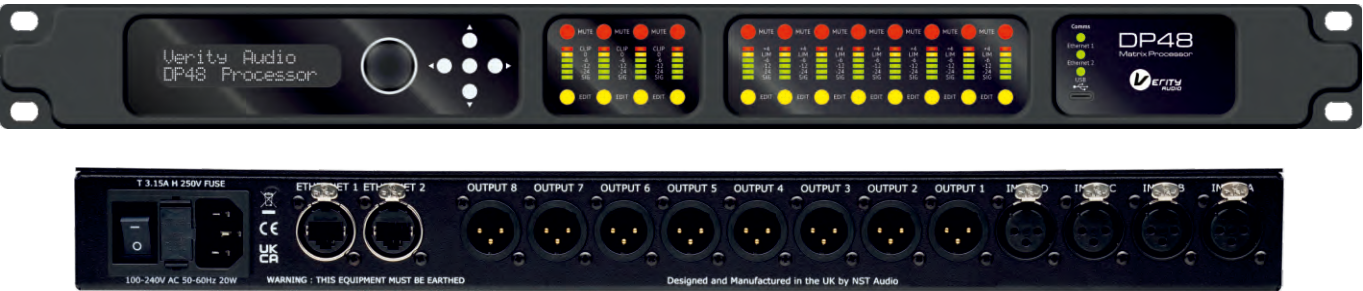
2.12/2.15/2.18/2.22 Front panel



2.12/2.15/2.18/2.22 Rear panel

	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.



Verity audio DP48 powered by NST audio UK. With inputs and outputs switchable in channel pairs between analogue or AES/EBU the DP48 gives you the flexibility you need to integrate into your system.

Compressors are available on every input as well as a high pass filter, 8 bands of parametric EQ, 3 bands of dynamic EQ, a 28-band graphic EQ, and up to 1.3 seconds of delay. Routing to outputs can be configured to either mix-matrix mode, free-routing or several pre-configured routing options.

Flexible channel linking enables quick and easy configuration of common crossover setups or customised configurations as required. Every output channel has high and low pass filters, 16 bands of parametric EQ, up to 1.3 seconds of delay as well as a new limiter designed to offer the best driver protection with the lowest distortion.

The DP48 runs at a fixed sampling rate of 96kHz. Front panel control allows instant mute of any input or output as well as editing of all the most commonly used parameters and recall of presets.

The USB and Ethernet based computer control software gives you the ability to not only control all the devices on a network but also to store preset memories and configure systems offline. With Mac and iPad control too, you can control your system the way that suits you.

D-Net Remote Control Software

PC, Mac and iPad compatible remote control software with USB and Ethernet access. Full control of all DSP, routing and configuration of multiple DP48 units with ability to set up systems offline and store/load presets and preset libraries.



Specifications

Acoustics	DP48
Analogue Inputs — 4	Electronically balanced, pin 2 hot
CMRR	>60dB @ 1kHz
Maximum Level	>20dBu
Input Impedance	10kΩ balanced
AES Inputs — 2 x 2 channel	Transformer balanced, pin 2 hot
AES Input Sample Rates	8kHz to 192kHz
AES Input s/n Ratio	139dB
Input Impedance	110Ω
Analogue Outputs — 8	Electronically balanced, pin 2 hot
Maximum Level	>20dBu
Source Impedance	<60Ω
AES Outputs — 4 x 2 channel	Transformer balanced, pin 2 hot
Sample Rate	96kHz
Source Impedance	110Ω
Performance	
Frequency Response	12Hz – 32kHz (+0.2dB)
Dynamic Range(A weighted)	>119dB (in to out analogue)
THD + N (+19dB @ 1kHz)	0.00029%
Latency	0.427ms (in to out, analogue, 96kHz)
Processing (per channel)	
Input Gain	-30 to +15dB in 0.1dB steps, mute, phase
Input Delay	0 to 1.3s in 10.4uS steps (at 96kHz)
Input Compressor	Threshold (-30 to +22 dBu), Attack, Release, Ratio, Soft-Knee
Input Parametric EQ	8 bands – parametric, low shelf, high shelf, notch, band-pass
Input High-Pass Filter	Up to 24dB/octave (Bensen/Butterworth /Bessel/Linkwitz-Riley)
Input Dynamic EQ	3 bands
Input Graphic EQ	28 bands
Routing Inputs to Outputs	Choice of modes (Matrix Mixer, Free Routing, 1×8, 2×4, 4×2, 2×3+2 Aux)
Output Parametric EQ	16 bands – parametric, low shelf, high shelf, notch, band-pass
Output Hi Pass and Lo Pass Filter	Up to 48dB/octave (Bensen/Butterworth /Bessel/Linkwitz-Riley)
FIR Filter capable	1024 Taps/2ch, 512 Taps/4ch, 256 Taps /8ch at 96kHz
Output Gain	-30 to +15dB in 0.1dB steps, mute, phase
Output Delay	0 to 1.3s in 10.4uS steps (at 96kHz)
Output Limiter	Threshold (-50 to +22dBu), attack, release, auto attack/release option
Presets	Up to 100
Power Requirements	3-pin IEC input, fused [5mm x 20mm, 3.15A, 250V, Anti-Surge (T)], 90-250VAC, 50-60Hz 20W

Key Features

- 4 Analogue Inputs, 8 Analogue Outputs
- AES Digital Inputs and Outputs with sample rate conversion from 24kHz to 192kHz
- Sample rate fixed at 96kHz
- Input Processing Features:
 - Soft Knee Compressor
 - 8 Parametric EQs
 - 24dB/Oct HPF
 - 3 bands of Dynamic EQ
 - 28-band Graphic EQ
 - Gain, Polarity, Delay
- Routing Matrix Modes:
 - Mix Matrix, Routing Matrix, Preset Configurations (2x4, 4x2, 1x8, 2x3+2)
- Output Processing Features:
 - 16 Parametric EQs
 - Crossover Filters up to 48dB/Oct
 - FIR Filter capable - 1024 Taps/2ch, 512 Taps/4ch, 256 Taps/8ch at 96kHz
 - Gain, Polarity, Delay, Limiter
- Control Features:
 - Remote control via Gbps/100Mbps Ethernet, USB Type C
 - Up to 100 presets may be stored for offline recall

Weight/Size

N.W/G.W	2.5kg/3.5kg
Product Dimensions(mm)	482X213X44(1U)
Package Dimensions(mm)	568X305X120(1U)