

V8 Line Array System



Product Information Version-1.0



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Features

- Maximum SPL 139dB
- 2x 8" neodymium low frequency drive unit
- 2x 1.75" neodymium high frequency drive unit
- 110 degree coverage angle
- Adjust angle 0°,1°,2°,3°,4°,5°,6°
- Rigging or ground stacking integrated assembly system
- Rigging V10 speaker system integration
- V18 low frequency loudspeaker system integration for lifting
- The add conversion rack can be used in conjunction with V15 / V12
- Add V28 subwoofer

QANON AUDIO V10 is 2-way active enclosure , the real line source shell, which uses proprietary sensors and wave guide technology to reduce weight and reduce its footprint. The V8 waveguide is the same as V12, which is precisely designed and constructed of lightweight aluminum. An accurate and mounted suspension system frame with an ultra high efficiency medium and high component mounted coaxially in the V8 high frequency drive module is provided.

V8

The system includes an external two frequency division technique, driven by dedicated amplification controller protection.

The box shall have two direct points, 8 inch low frequencies mounted on both sides, and the two 1.75 inch compression high frequency drive units are installed at the center point.

The available system bandwidth 60 Hz to 20 kHz (- 10 dB)

This type of coplanar sensor configuration should generate a 110 degree polar pattern covering the horizontal (-3 dB) number of independent vertically aligned elements. In line source mode, the system should bend up to 6 degrees per element and accept the downfill line source array without breaking the wave front. The maximum SPL 139dB (peak level at 1 m free field conditions using 10 dB peak factor pink noise measurements).

Long term effective handling capacity of a power rating of 2 x200 W low frequency section, 120 W high frequency part, each speaker impedance shall be 8 ohms, when used, can be 3 groups.

Dimensions: 700 mm (27.5 inches), height: 262 mm (10.3 inches), depth: 450 mm (17.7 inches), weight 25 kg (50 lbs.).

The cabinet shall be fitted with internal hardware and connected via two parallel NL-4 speakon.

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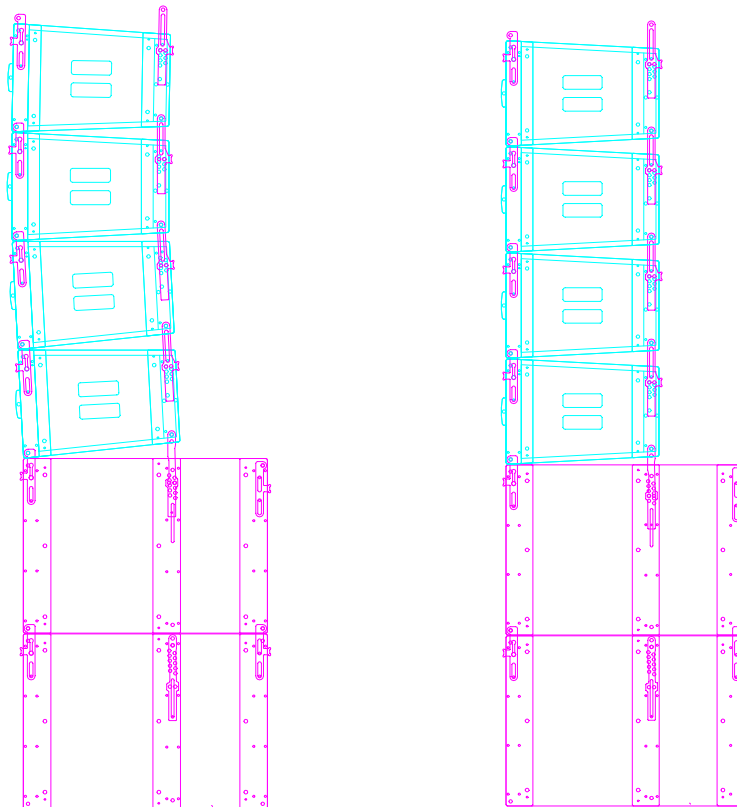
Application

Design and application of V8 line array system for at least 3 piece per group, up to 24 / group box multiple configurations, the rigging also by 4 points, with 4mm steel (synthetic width 18mm), 7mm steel rigging, hanging in the 24 box, hanging with safety ratio 10:1. The V10 and V8 speaker suspension systems can be integrated, with V18 ultra low frequency speakers that can be mounted on suspension, integrated or stacked on ground, and can be added to the V15 / V12 for use as a DownFill. To provide fast and simple ground stacking applications, the V8 line array system can be installed in a straight line or curve form to meet the required vertical coverage angle. To meet a large venue application extreme high level of demand, V8 with V18 / V28 subwoofer loudspeaker designed to enhance the system frequency response, provide quick and easy lifting or ground stacking integrated assembly system.

The V8 line array is connected to the V18 ultra low frequency speaker

The adjustable degrees: $+6^{\circ}$, $+5^{\circ}$, $+4^{\circ}$, $+3^{\circ}$, $+2^{\circ}$, $+1^{\circ}$, 0° , -1° , -2° , -3°

-3° to $+6^{\circ}$



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V8 Technical Specification

TYPE	2-way active enclosure
Frequency Response(Preset)	60Hz-20KHz(-10dB)
Nominal directivity	(-6dB)
Horizontal	110°
Angle Increments	0° 1° 2° 3° 4° 5° 6°
Transducers	HF:2×1.75" Neodymium LF:2×8" Neodymium
Rated Power(AES / Peak)	HF:120W / 480W LF:400W / 1600W
Maximum Peak SPL	139dB/1m
Nominal Impedance	LF:8Ω / HF:8Ω
Pin Connections	NL4=LF:+1-1 HF:+2-2
Connections	2 x 4-point Speakon
Height Front	262mm
Height Back	215mm
Width	700mm
Depth	450mm
Weight	25kg/50lbs

Physical Data

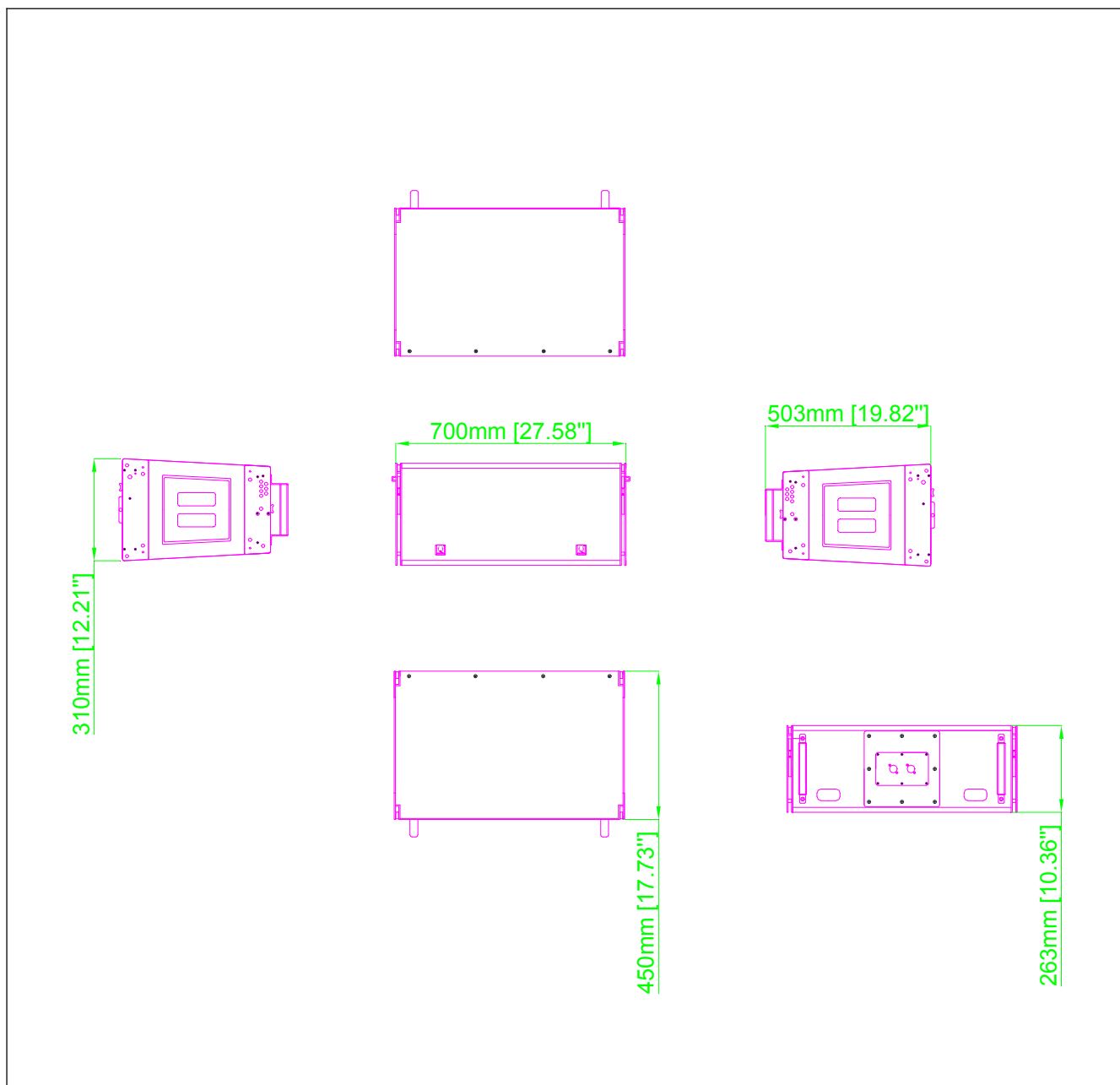
Material	Baltic Birch Plywood
Finish	Dark grey
Front	Polyester powder-coated steel grill
Rigging	steel

Accessories

Optional Accessories	Flying frame 1x4 Touring car 1x4 Cover 1x1 Cover 1x1 Cover 1x1 Touring case 1x2 Touring case waterproof cover(Customized)
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Dimensions



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TRANSPORTATION ACCESSORIES

V8-Touring case: removable front case on wheels (two V8)

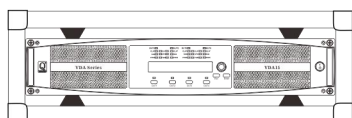
V8-Touring case: removable front case on wheels (four V8)

V8-CHARIOT: chariot for up to four V8

V8-CHARIOTCOV: protective cover for three or four V8 on V8-CHARIOT



AMPLIFIED CONTROLLER

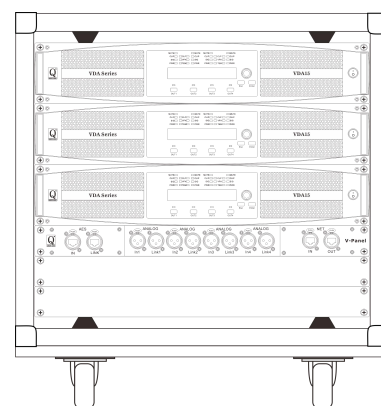
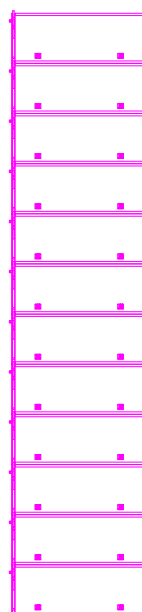
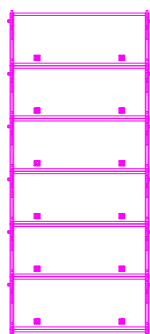


4 x 1500W / 8ohms

4 inputs x 4 outputs architecture

Max 3 enclosure in parallel

Max 6 enclosure per controller



ASSOCIATED ENCLOSURES

V15/V12



V10/V8



V28/V25



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