

Veya Long Throw Compact line source

- V series family - Lightweight
- 143dB max SPL
- Long Throw Compact
- Touring - Fixed installation
- 100° Horizontal
- Plug and play
- VDA Series Controller
- Weight 43kg



Veya is long throw compact line array speaker designed for medium and long distance sound reinforcement applications with minimal visual impact.

Veya is equipped with two 12 inch speakers and two 3-inch diaphragm compression drivers in the bass reflector.

Veya has an excellent sound pressure level thanks to the design and power of the subwoofer. The maximum box impedance is 8 ohm.

The frequency of veya is 45Hz-20kHz, with 100 °symmetrical horizontal directivity output. It has smooth response in the whole frequency range. In order to maintain the wavefront coherence, the maximum element angle is 6 ° and the internal passive frequency division network uses custom filter. VDA18 power amplifier can ensure linearization and protection.

Part of V series new member, Veya is a full band line array speaker designed for medium-sized mobile performance applications. Veya adopts the internationally recognized V12 module to provide unparalleled large format system and sound quality performance in a compact enclosure. Veya provides excellent bandwidth with enhanced low frequency profile size and high output capacity for use as a stand-alone line source. As a two-way active speaker design, veya needs two channels of amplification each speaker has a density of sound. The rugged suspension system integrates an efficient, fast use, suspension system with visual security and effortless deployment. A complete suspension system and transport accessories for easy storage, truck loading and multiple deployment options.



V12



Veya



V10

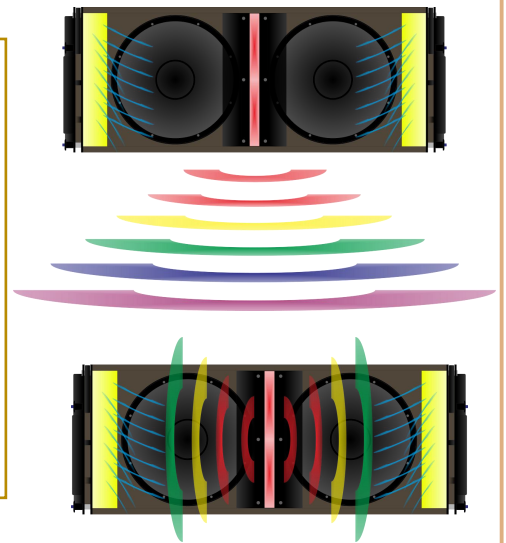
QANON AUDIO recently released Veya, a medium-sized line array speaker suitable for various sound reinforcement styles. Combining the "excellent dynamic range and high expressiveness" of QANON AUDIO V12 and the "compact and durable high quality" of V10, Veya should be born between V12 and V10 colleagues

Veya Design concept



Veya use 2-way active design , Two 12 inch neodymium magnetic low-frequency drivers and two 3-inch neodymium magnetic throat drivers are loaded. It is equipped with special strange sound speakers and adopts the same high-frequency Waveguide Horn technology as V series, which is suitable for frequency response phase coupling with all V series speakers.

The vertical plane correlation generated by its compact structure effectively reduces the internal turbulent noise, obtains the natural and strong low-frequency response of the box, and the balanced distribution of low-frequency and high-frequency drivers. In addition, the smooth coverage angle of the constant pointing 100 ° high-frequency horn can provide excellent consistent frequency response characteristics even in the off-axis area, The high-strength metal pendant can cascade up to 24 speakers in a vertical plane, and its vertical spacing angle can be adjusted with an accuracy of 1 degree between 0 ° ~ 6 ° . Both in terms of energy output and coverage, veya's acoustic performance has been improved to a higher level.



Product compatibility :

Veya is a true full range speaker. With extremely wide full frequency bandwidth and compact, the two features are compatible. The frequency response range is 45Hz to 20kHz. With VDA18 amplifier, the frequency response and phase curve can be exactly the same as that of V series, and the maximum sound pressure level can reach 143db. To obtain so much energy in such a compact structure, QANON adopts low-frequency laminar flow direct guidance technology, which is the same as that of ultra-low vs28 speaker, Coupled with VS28 excellent low-frequency dive and high-end extended phase coupling, the frequency bandwidth can be extended to 25Hz, so as to give full play to Veya energy.



V15



V12



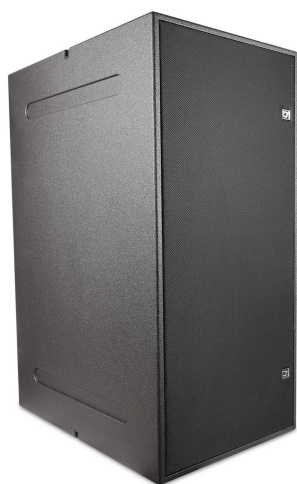
V10



VS28

VS28 Subwoofer

- V series family - Heavyweight
- 143dB max SPL
- Simple and fast
- Increase of efficiency
- Horizontal or vertical / Cardioid
- Plug and play
- VDA Series Controller
- Weight 92kg



VS28 High Power Subwoofer Loudspeaker

VS28 is a recommended subwoofer for V15 and V12 line arrays and other QANON AUDIO < products. It adds to the sub-low frequency of the system by enhancing the throwing ability of the low frequency. It allows the operating frequency range of the system to be extended to 25Hz.


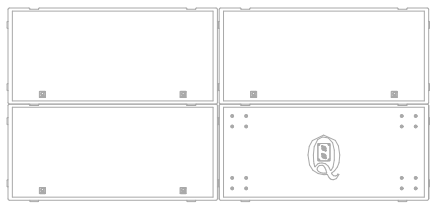
The VS28 subwoofer Loudspeaker contains an 2x18-inch speaker. It has strong impact force, sensitivity and low frequency efficiency. Its internal sides have H-shaped vent progressive shape, allowing laminar flow and reducing turbulent noise. These comprehensive characteristics help to improve the working level.

The VS28 enclosure is made of Baltic birch plywood to ensure maximum acoustic and mechanical integrity.

VDA18 DSP controller

- 4 Input x 4 Output Analog Type
- 2Input x 2Output AES3Digital Type
- 2 x RJ45 etherCON® (IN/OUT)
- 4 x NL4 SpeakOn
- 1 x 8pin PA-Com
- Max 1 enclosure in parallel For VS28
- Max 4 enclosure per controller For VS28



	Standard	Cardioid
vertical		

VDA12 VDA18 Controller

VDA12

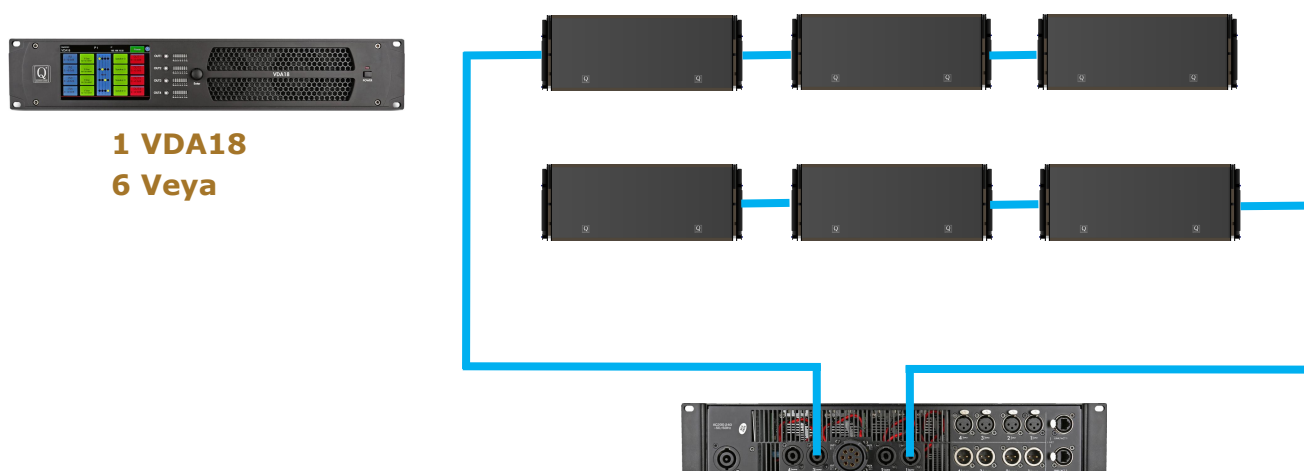
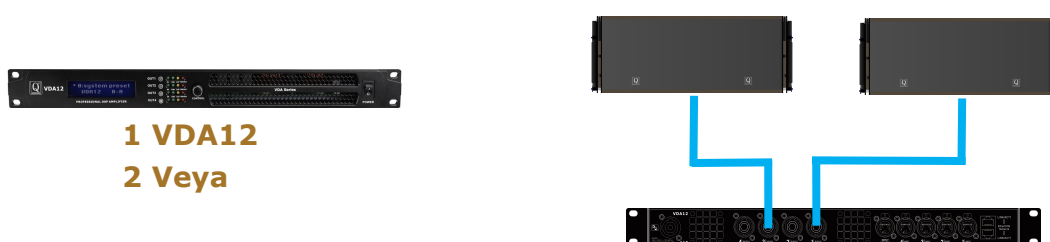
- 4 x 600W RMS 16Ω
- 4 x 2000W RMS 4Ω
- 4 x 1200W RMS 8Ω
- 4 x 2000W RMS 2.7Ω

VDA18

- 4 x 1800W RMS 8Ω
- 4 x 4000W RMS 2.7Ω
- 4 x 3600W RMS 4Ω
- 4 x 4000W RMS 2Ω

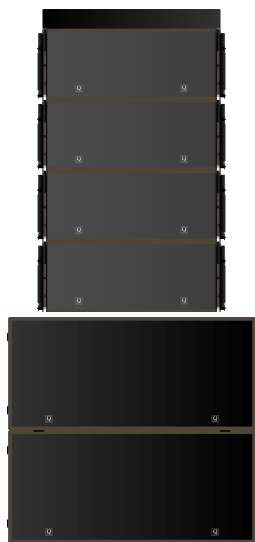
VDA12 is the recommended amplified controller for Veya with two enclosure per output channel. This configuration delivers amazing plug-and-play performance and allows users to leverage the VDA Controller software optimization tools to further optimize the system response.

VDA18 can be used to power and control up to 3 Veya per output channel. This configuration simplifies deployment and cable management but reduces optimization capabilities.



Use combination - 1

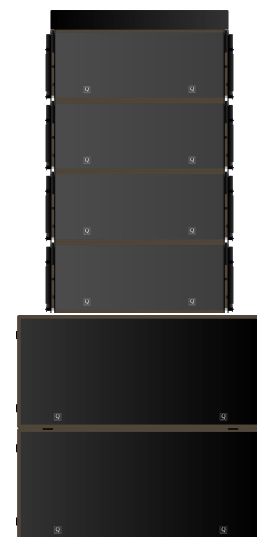
Veya is a multifunctional solution that can be deployed in a wide variety of ways to address most applications. Veya can stand on its own for small to medium sized events or complement a variable curvature system on larger applications.



4 Veya + 2 VS28

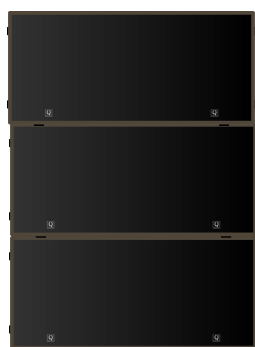
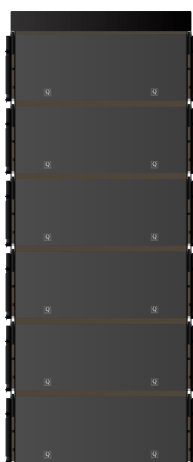


VDA-Rack x1



4 Veya + 2 VS28

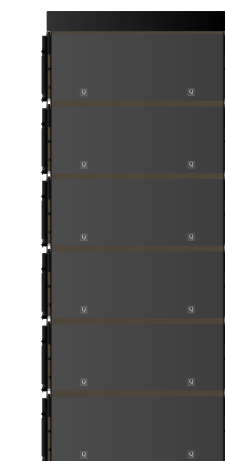
Use combination - 2



6 Veya + 3 VS28



VDA-Rack x2

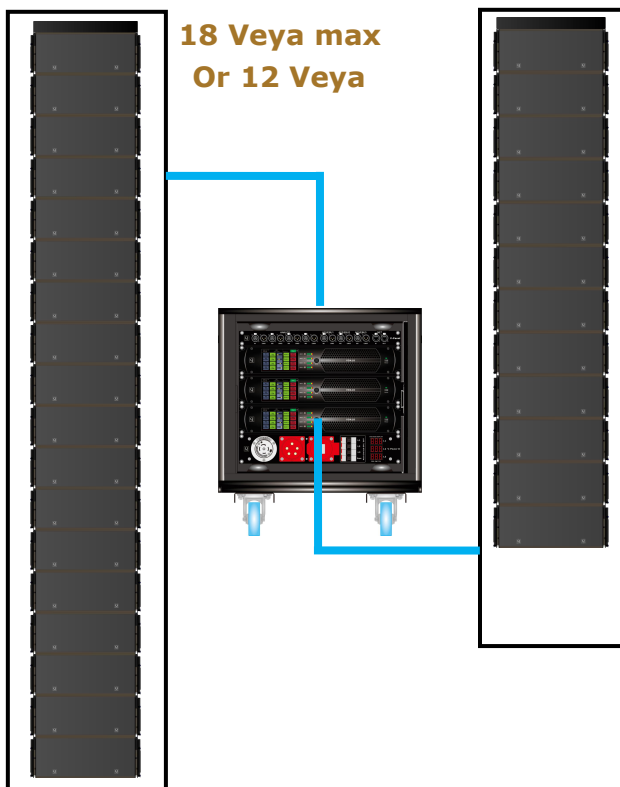


6 Veya + 3 VS28

Use combination - 3



Use combination - 4



- The design of complex systems is made possible by the integration of the VDA Controller Ethernet-based network. Thanks to its high speed data transfer protocol of 1 Gbit/s, up to 254 units can be controlled and monitored in real-time by the VDA Controller software. Multiple network topologies are quickly and easily configurable for full flexibility in the required system architecture.

Network Monitoring and commissioning

VDA CONTROLLER
MAXIMUM LINK 245 SETS

2 X 1 GB/S RJ45 ETHERCO
DUAL PORT GIGABIT ETHERNET INTERFACE



Veya Technical Specification

Veya Technical Specification

Type	2-way active line source enclosure
Frequency Response(Preset)	45Hz-20kHz(-10dB)
Horizontal	100°(-6dB)
Angle Increments	0° 1° 2° 3° 4° 5° 6°
Drivers	LF:2×12" Neodymium HF:2×3" Neodymium
Handling Power (AES)	LF:800W HF:220W
Maximum Peak SPL	143dB/1m
Nominal Impedance	LF:8Ω / HF:8Ω
Connections	2 x NL4 SpeakOn
Pin Connections	NL4=LF:+1-1 HF:+2-2
Height Front	360mm
Height Back	308mm
Width	900mm
Depth	500mm
Weight	43kg / 94.7lb

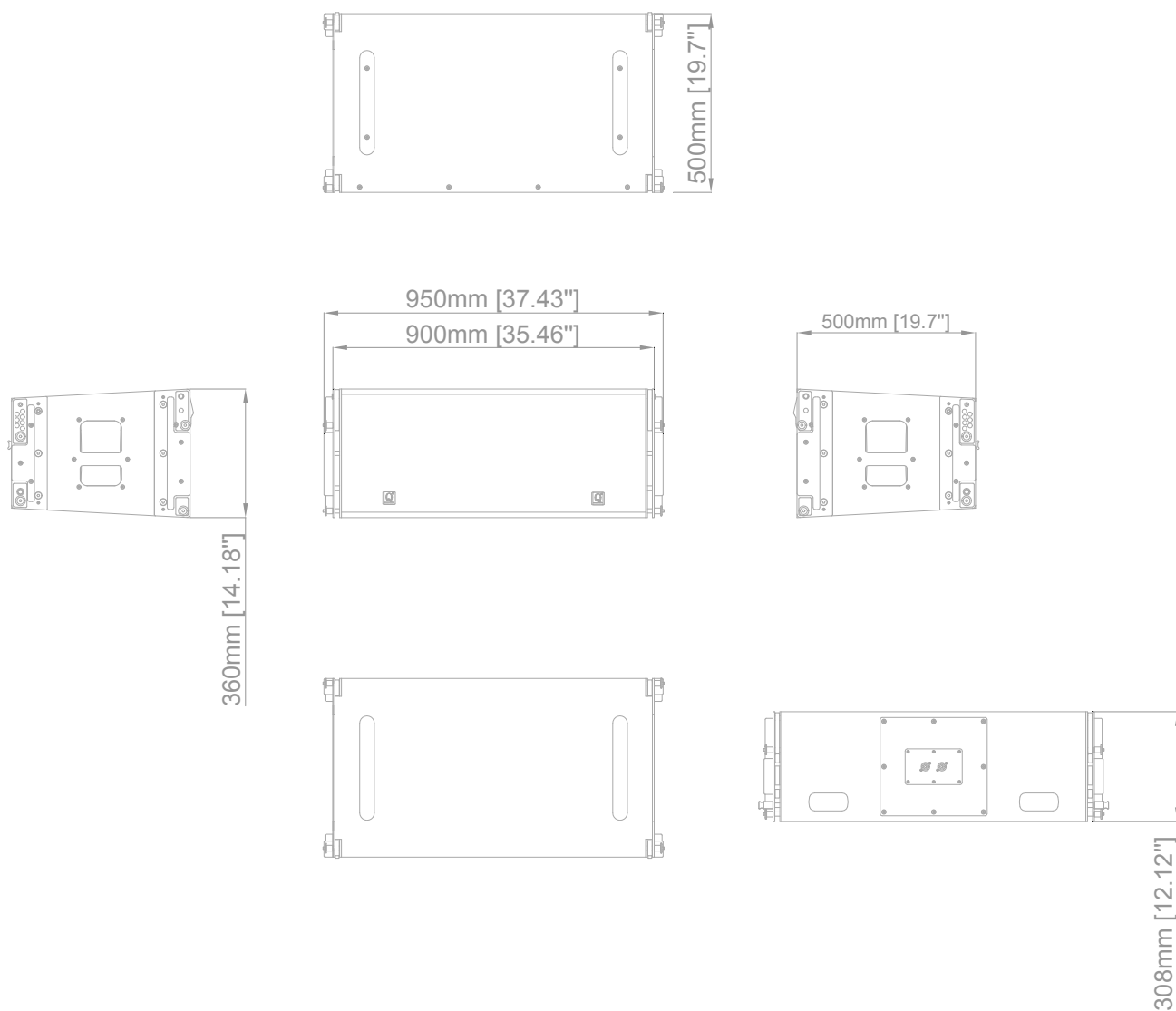
Rigging and Handling

Handle	2 ergonomic handles
Antiskid	N/C
Fastener	4 side fastener

Physical Data

Material	Baltic Birch Plywood
Finish	Dark Grey
Front	Polyester powder-coated steel grill
Rigging	Steel
Protection rating	IP45

Veya Dimensions CAD





VS28 Technical Specification

VS28 Technical Specification

Type	Subwoofer
Frequency Response(Preset)	25Hz-300Hz(-10dB)
Horizontal	360°
Drivers	LF: 2×18" Neodymium
Handling Power (AES)	LF: 3200W
Maximum Peak SPL	143dB/1m
Nominal Impedance	LF:4Ω
Connections	2 x NL4 SpeakOn
Pin Connections	NL4=LF: +1-1
Height Front	550mm
Height Back	550mm
Width	1200mm
Depth	800mm
Weight	92kg / 203lb

Rigging and Handling

Handle	4 ergonomic handles
Antiskid	2 ground runners
Fastener	2 side fastener

Physical Data

Material	Baltic Birch Plywood
Finish	Dark Grey
Front	Polyester powder-coated steel grill
Rigging	Steel
Protection rating	IP45

VS28 Dimensions CAD

