



self powered DDA:



The Voice-Acoustic VENIA-8 is a 2-way bi-amplified column line array loudspeaker, equipped with 4 x 8" drivers and 4 x 1" compression drivers. The high-frequency drivers are coupled to a line array waveguide and produce a dispersion angle of 100° horizontally and 0°/-20° vertically via a large horn. The HF section of the VENIA series provides a vertically asymmetrical sound pressure coverage with a plane wavefront. The principle of larger line arrays is transferred to the VENIA loudspeakers in a compact column format: the high-frequency energy is bundled to cover longer distances and the near field is covered by curving with a lower energy content distributed to a larger area. The result is a very balanced level distribution across the entire listening area with very homogeneous sound distribution. This gives VENIA-8 an enormous advantage as a single loudspeaker and is also easier and faster to set up and commission than conventional line array systems. Due to its low crossover frequency, the VENIA-8 can be combined with any subwoofer. With its above-average performance of almost 140 dB at a weight of just 35 kg, it is also a powerful Main-PA in combination with several subwoofers. A stereo pair of VENIA-8s can be combined with up to eight Paveosub-118. Thanks to the powerful high-frequency driver unit, the VENIA-8 always plays in a relaxed and pleasant manner, even at high volumes, and meets even the highest sonic demands. The VENIA-8's sophisticated detail solutions and extensive range of accessories allow for a wide variety of applications and installations. The integrated pole mount, the tool-free mountable Voice-Acoustic Easyfly mechanism, or the U- and C-bracket and various M10 mounting points leave nothing to be desired. For best handling in mobile operation, up to 20 u-shaped handles can be mounted vertically and horizontally on the rear. A safety cable for secondary safety can be attached with a single-stud. Two VENIA loudspeakers can be operated in head stacking configuration, which extends the range of applications. Like the other Voice-Acoustic loudspeakers, the housing is made of sturdy birch plywood of highest quality: CNC milled, grooved, screwed and waterproof glued. The surface is protected by a stable and moisture-resistant polyurea coating in black. White speakers and special colours with 2K textured paint are optional available. The Voice-Acoustic VENIA series sets a new standard in performance and design for high-performance column line array loudspeakers.



Frequency range	56 Hz - 19 kHz (- 10 dB) 72 Hz - 16 kHz (+/- 3 dB)
Coverage range	100° x 0° / -20
Power handling	LF: 1.000 W AES / 2.000 W program / 4.000 W peak HF: 160 W AES / 320 W program / 640 W peak
Sound pressure	133 dB SPL AES / 136 dB SPL program / 139 dB SPL peak
Components	LF: 4 x 8" Neodym woofer with 2,5" voice coil, 8 Ω HF: 4 x 1" Neodym compression driver with 1,75" voice coil, 8 Ω
Connectors	2 x Neutrik NL4 Speakon IN/OUT, 2+/- LF 2 x Neutrik XLR IN/OUT (self-powered) 2 x Neutrik NL4 Speakon OUT, 1+/- HF, 2+/- LF (self-powered) 2 x Neutrik powerCON TRUE1 IN/OUT (self-powered) 1 x Dante, AES/EBU, AES67 (self-powered)
Mounting	1 x Easyfly mechanism for horizontal mounting 1 x back-facing Flying Track for safety cable 22 x M10 Mounting points 16 thereof with 5 mm steel interior angles 14 x Mounting points for bracket handle aluminum 1 x Dual-tilt stand flange 0° und 5°
Dimensions/Weight	1.050 (H) x 213 (B) x 390 mm (T) / 27,9 kg (self-powered: 32,9 kg)
Amplifier	2-channel 3,2 kW
Power output CH1 LF	2.400 W/4 Ω, 1.580 W/8 Ω, 800 W/16 Ω
Power output CH2 HF	800 W/4 Ω, 450 W/8 Ω, 200 W/16 Ω