



technical specifications VR8

general

- RBN401 pro-ribbon HF driver with exceptional intelligibility and SPL output
- SIS pre-wired for very high damping and further reduced distortion (with ALC)
- Extended headroom/SPL and protection in combination with SDP modules (with ALC)
- Asymmetric enclosure provides maximum mounting flexibility
- Stand mount adapter, Omnimount™ and fixed flying points, bracket (option)
- Passive filtering for easy operation and economical powering
- Durotect™ scratch-resistant coating



description

The VR8 is a 2-way ultra-compact multi-purpose loudspeaker, for both portable and permanent applications. Featuring the RBN401 pro-ribbon driver, the VR8 combines a remarkable clarity and intelligibility, with a high SPL.

The RBN401 is mounted on a “revolvable” 90°x40° wave-guide and projects with “Real-90” horizontal dispersion up to 20.000Hz.

The system includes dedicated filtering, but system equalizing is done remotely (electronically) fully utilizing the individual speaker components' power capacity. This results in increased head-room SPL.

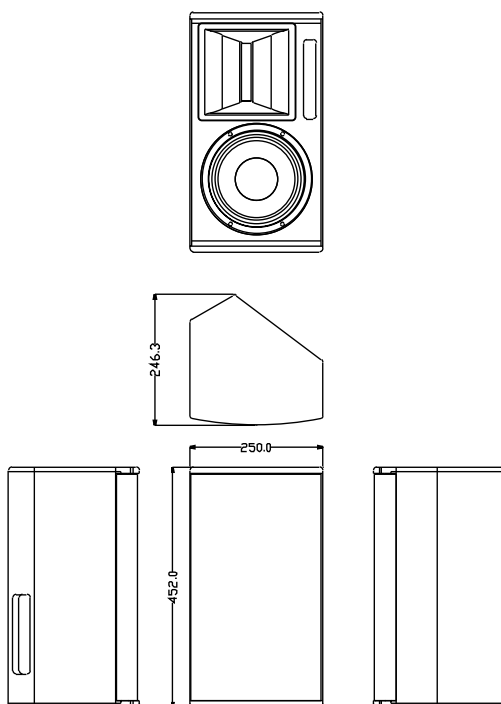
The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the VR8 and ALC. The asymmetrical enclosure

design provides for very flexible mounting (ceiling, wall) and usage. Typical applications for the VR8 include nearfield main system for theatre, A/V, PA or fill/delay speaker in larger systems, as well as stage monitoring.

In applications where extended bass response is required, the VR8 can be combined with a pressure-bass or deep-sub system.

For full system performance, the VR8 needs to be driven by an ALC controller-amplifier. Driven by the ALC, the VR8 delivers maximum sound quality with increased headroom, under dedicated equalisation and inaudible (power and excursion) protection (SDP circuit).

dimensional drawing



technical specifications

Frequency Response	
+/- 3 dB	74 Hz - 20.000 Hz
+/- 10 dB	58 Hz -
Sensitivity (SPL 1W/M)	94 dB
Sensitivity (nom.)	96 dB (200 Hz - 10 kHz.)
Nominal Impedance	8 ohms
Maximum RMS power	280 W
Maximum peak power	800 W
SPL program/peak (nom.)	120/125 dB
Dispersion H x V	90° x 40° (nom.) or 40° x 90° (nom.)

physical specifications

System	2-way, full-range	
Filtering	passive	
Drivers LF	1 x AMB8 8", vented	
Drivers HF	1 x RBN401 4" pro-ribbon driver	
Cross-over frequency	1300 Hz	
Connectors	2 x Speakon NL4 input	
Physical dimensions	mm	inches
Height	452	17.8
Width	250	9.8
Depth	246	9.7
Weight (approx.)	12 kg	(26.5 lb)
Warranty	6 years limited	

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