

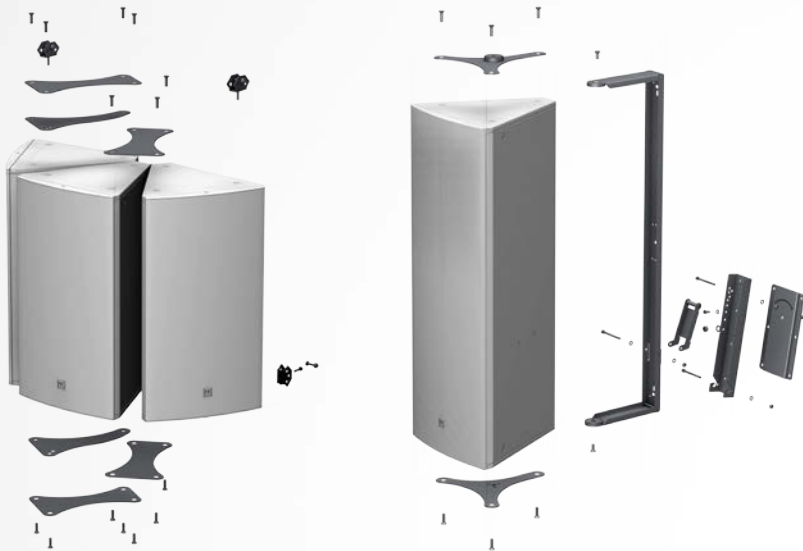


THE SOUNDMAKERS

VORTIS

PEAK PERFORMANCE IN A PERSONALIZED PACKAGE >

- 6 speakers for up to 36 variants
- Engineered for sonic excellence
- Passive crossovers plus DSP ensure very flat frequency response
- Suited for visually sensitive installation projects
- Cabinets are available in any RAL colour
- EASE GLL-files for every single and cluster application



- Wall plates, mounting plates and tilt units with angular alignment, universally usable for every speaker type
- U-bracket for every cabinet size
- Different cluster plates allow for array forming with every horn variant
- Front grille protected against ball impact (DIN 18032-3)

Technical Data



| | VR 10810 | VR 11210 | VR 11510 | VR 11214 | VR 11514 | VR 21214 |
|--|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Power handling capacity (nominal) | 100 watts | 350 watts | 350 watts | 350 watts | 350 watts | 700 watts |
| Power handling capacity (program) | 200 watts | 700 watts | 700 watts | 700 watts | 700 watts | 1400 watts |
| Power handling capacity (peak) | 400 watts | 1400 watts | 1400 watts | 1400 watts | 1400 watts | 2800 watts |
| Frequency response -10 dB | 84 Hz - 20 kHz | 61 Hz - 20 kHz | 60 Hz - 20 kHz | 62 Hz - 20 kHz | 55 Hz - 20 kHz | 60 Hz - 20 kHz |
| Crossover | 2-way passive | 2-way passive | 2-way passive | 2-way passive | 2-way passive | 2.5-way passive |
| Crossover Frequency | 1100 Hz, 2nd order | 1800 Hz, 2nd order | 1800 Hz, 2nd order | 990 Hz, 2nd order | 990 Hz, 2nd order | 800 Hz/1100 Hz |
| Sensitivity 1 W @ 1 m, Fullspace, (100 Hz - 20 kHz) [dB SPL] | 95 | 98 | 100 | 99 | 100 | 101 |
| Sensitivity 1 W @ 1 m, Halfspace, (100 Hz - 20 kHz) [dB SPL] | 101 | 104 | 106 | 105 | 106 | 107 |
| Max SPL 10% THD, Fullspace [dB SPL] | 118 | 128 | 129 | 129 | 130 | 133 |
| Nominal Impedance | 16 ohms | 8 ohms | 8 ohms | 8 ohms | 8 ohms | 4 ohms |
| Low frequency driver | 1 x 8" | 1 x 12" | 1 x 15" | 1 x 12" | 1 x 15" | 2 x 12" |
| High frequency driver | 1 x 1" | 1 x 1" | 1 x 1" | 1 x 1,4" | 1 x 1,4" | 1 x 1,4" |
| Horn variations: 60° x 40°, 90° x 55°, 60° - 90° x 55° | yes, rotatable | yes, rotatable | yes, rotatable | yes, rotatable | yes, rotatable | yes, rotatable |
| Directivity Index | Depends on horn variation | | | | | |
| Connections | 1 x NL 4, 2 x Terminal | 1 x NL 4, 2 x Terminal | 1 x NL 4, 2 x Terminal | 1 x NL 4, 2 x Terminal | 1 x NL 4, 2 x Terminal | 1 x NL 4, 2 x Terminal |
| Housing | MDF | MDF | MDF | MDF | MDF | MDF |
| Filter | Controller * | Controller * | Controller * | Controller * | Controller * | Controller * |
| Finish | Water-based lacquer, every RAL Color | | | | | |
| Metal grille with cloth | yes | yes | yes | yes | yes | yes |
| Rigging Points | 13 x M10 | 13 x M10 | 13 x M10 | 13 x M10 | 13 x M10 | 13 x M10 |
| Weight | 11 kg | 17 kg | 22 kg | 26 kg | 30 kg | 34 kg |
| Dimensions (cm) | 49 x 29 x 24 | 60 x 42 x 40 | 75 x 52 x 40 | 74 x 42 x 40 | 81 x 52 x 40 | 109 x 42 x 40 |
| Accessories | Wall mount plate, cluster plate, ringbolts, adjustable mounting bracket | | | | | |