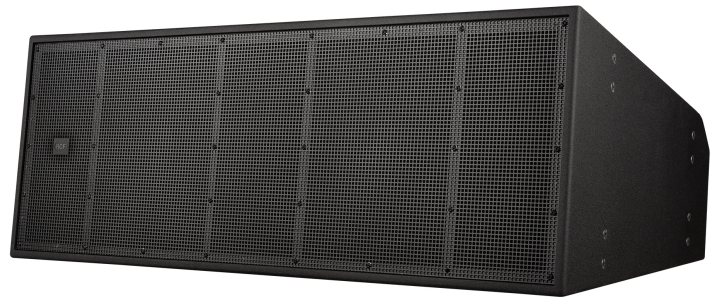


# HVL 15-L1

## LONG THROW THREE-WAY SYSTEM

### DESCRIPTION

HVL 15-L1 is a three-way, bi-amp loudspeaker system for long-throw applications, outfitted with 2 x 15" woofers, 2 x 10" midranges, and 2 x 4.0" voice coil, titanium dome compression drivers. Equipped with the latest generation of RCF precision transducers with powerful neodymium magnets, HVL 15-L1 provides very high output and accurate sound and voice reproduction. The system, driven in bi-amped mode, can produce a max SPL of 144 dB MHF, handling 1000 W RMS (LF) + 900 W RMS (MHF). An internal passive filter provides crossover and equalization between the midranges and the compression drivers. The horizontal coverage is 90°, and the vertical coverage is 30°. A heavy-duty, weatherproof barrier strip provides connections. The cabinet is made of Baltic birch plywood. The finishing is a waterproof, textured, polyurea coating. The grille is in epoxy coated heavy-duty steel with open-cell fibers and water repellent woven-fabric backing. The back of the cabinet is shaped for under-balcony installation.



### FEATURES

- 1000 W (LF) + 900 W (MHF) power handling
- 147 dB max SPL
- 43 ÷ 18000 Hz frequency range
- 90° x 30° coverage angles
- Fully equipped with neodymium transducers
- Bi-amped system with passive filter between MF and HF
- Horn Loaded symmetric design
- Baltic birch plywood cabinet and steel grille
- Weatherproof treatment

## TECHNICAL SPECIFICATIONS

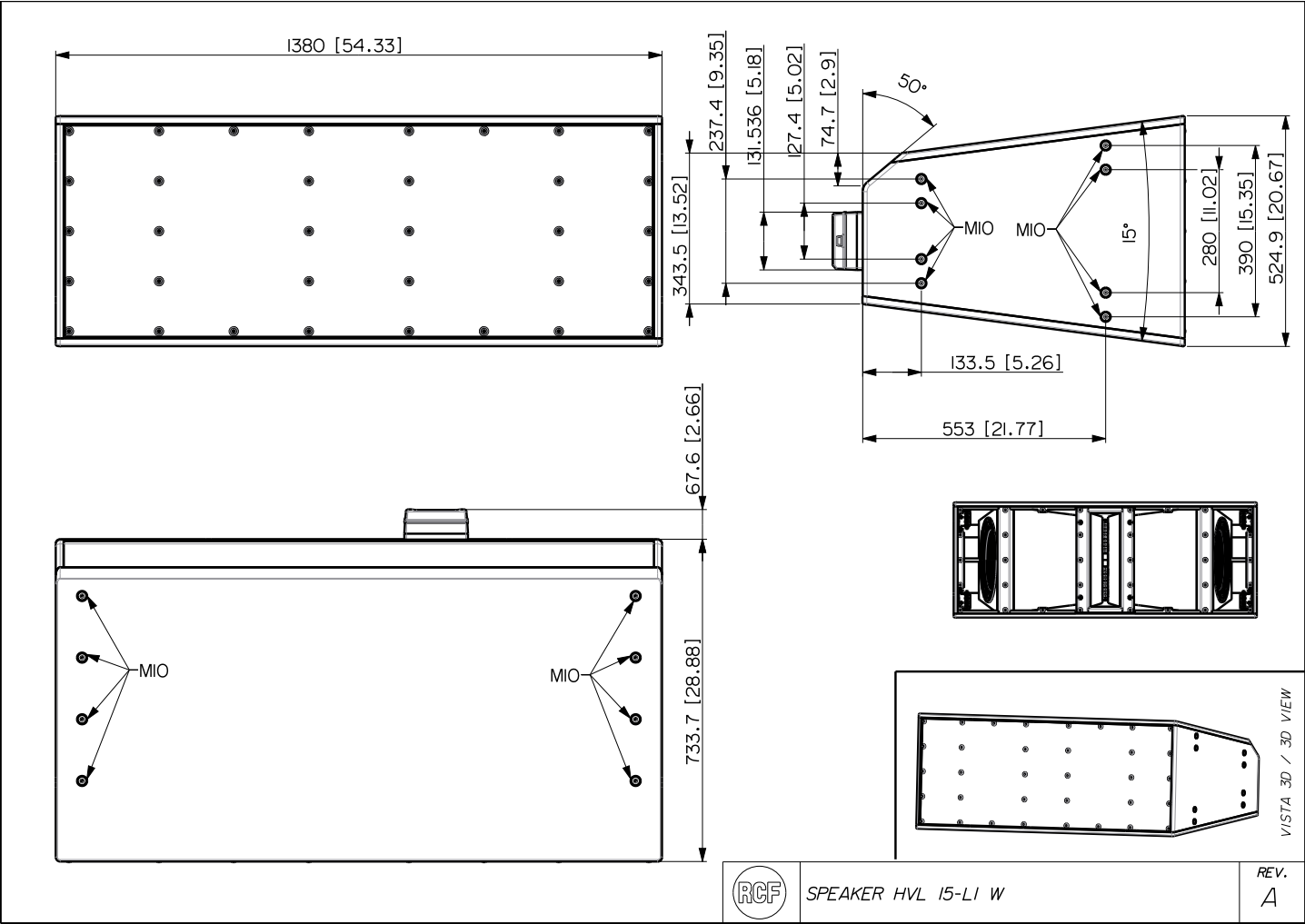
|                                  |                             |                                                                     |
|----------------------------------|-----------------------------|---------------------------------------------------------------------|
| <b>Acoustical specifications</b> | Frequency Response (-10dB): | 43 Hz ÷ 18000 Hz                                                    |
|                                  | Frequency Response (-3dB):  | 59 Hz ÷ 13000 Hz                                                    |
|                                  | Max SPL @ 1m:               | 147 dB                                                              |
|                                  | Horizontal coverage angle:  | 90°                                                                 |
|                                  | Vertical coverage angle:    | 30°                                                                 |
|                                  | Directivity index Q:        | 12                                                                  |
| <b>Power section</b>             | Amplification:              | Bi-Amp                                                              |
|                                  | Recommended Amplifiers:     | XPS 16K, XPS 16KD, QPS 10K                                          |
|                                  | Nominal Impedance LF:       | 8 ohm                                                               |
|                                  | Power Handling LF:          | 1000 W                                                              |
|                                  | Peak Power Handling LF:     | 4000 W                                                              |
|                                  | Sensitivity LF:             | 97 dB                                                               |
|                                  | Nominal Impedance MF+HF:    | 8 ohm                                                               |
|                                  | Power Handling MF+HF:       | 900 W                                                               |
|                                  | Peak Power Handling MF+HF:  | 3600 W                                                              |
|                                  | Sensitivity MF + HF:        | 111 dB                                                              |
|                                  | Protections MF+HF:          | Dynamic Active Mosfet                                               |
|                                  | Crossover Frequencies:      | 1000 Hz                                                             |
| <b>Transducers</b>               | Compression Driver:         | 2 x 1.4" neo, 4.0" v.c                                              |
|                                  | Midrange:                   | 2 x 10" neo, 3.0" v.c                                               |
|                                  | Woofer:                     | 2 x 15" neo, 3.5" v.c                                               |
| <b>Input/Output section</b>      | Input connectors:           | Screw Terminals                                                     |
|                                  | Output connectors:          | Screw Terminals                                                     |
| <b>Standard compliance</b>       | Safety agency:              | CE compliant                                                        |
| <b>Physical specifications</b>   | Hardware:                   | n° 8 x M20 on each side panel<br>n° 8 x M20 on top and bottom panel |
|                                  | Color:                      | White - RAL 9010, Black - RAL 9005                                  |
| <b>Size</b>                      | Height:                     | 525 mm / 20.67 inches                                               |
|                                  | Width:                      | 1380 mm / 54.33 inches                                              |
|                                  | Depth:                      | 734 mm / 28.9 inches                                                |
|                                  | Weight:                     | 110 kg / 242.51 lbs                                                 |
| <b>Shipping information</b>      | Package Height:             | 840 mm / 33.07 inches                                               |
|                                  | Package Width:              | 1405 mm / 55.31 inches                                              |
|                                  | Package Depth:              | 545 mm / 21.46 inches                                               |
|                                  | Package Weight:             | 120 kg / 264.55 lbs                                                 |

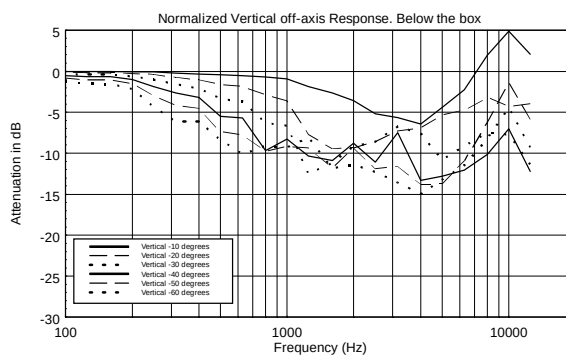
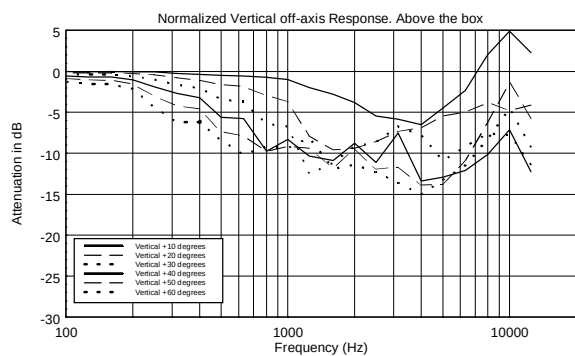
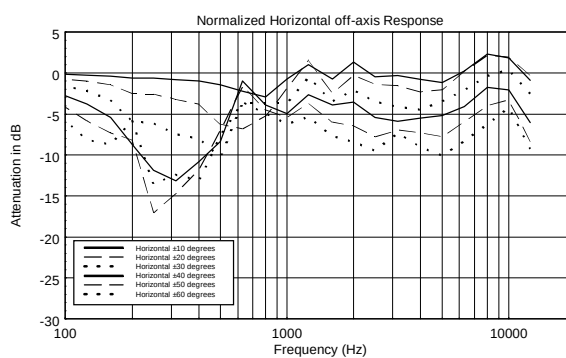
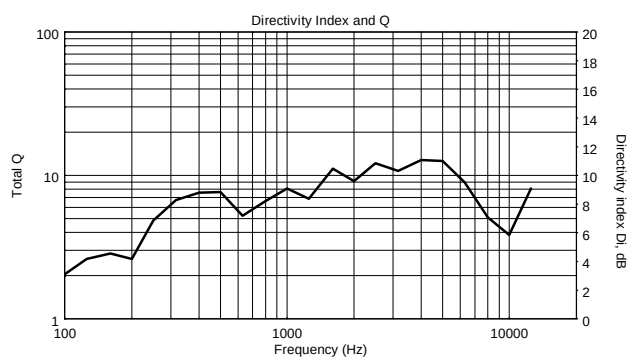
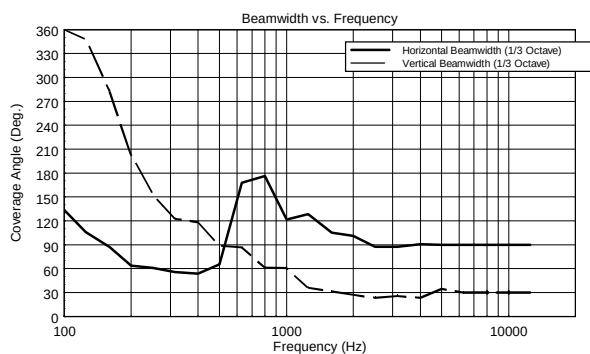
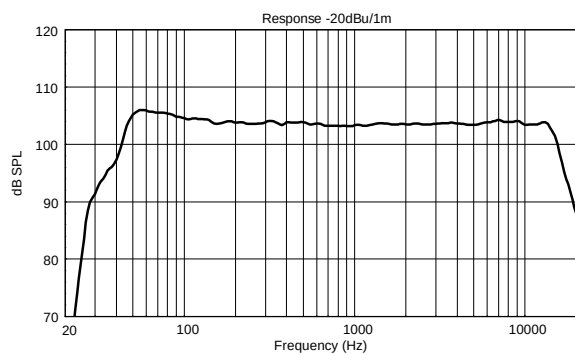
**PART NUMBER**

- **13000701**

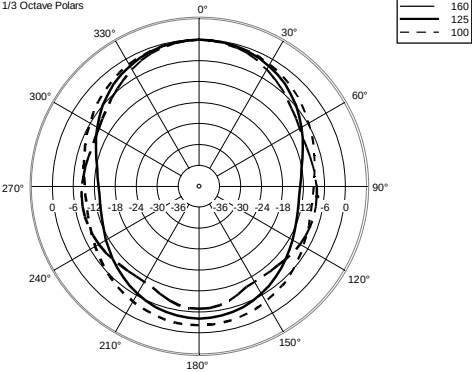
HVL 15-L1 W

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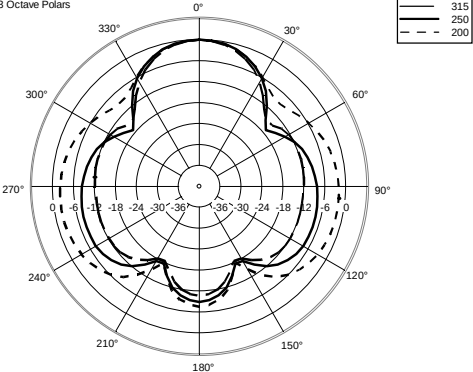




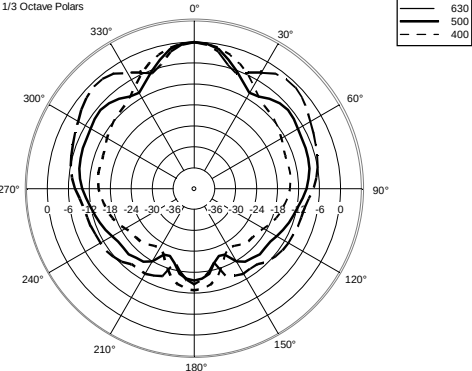
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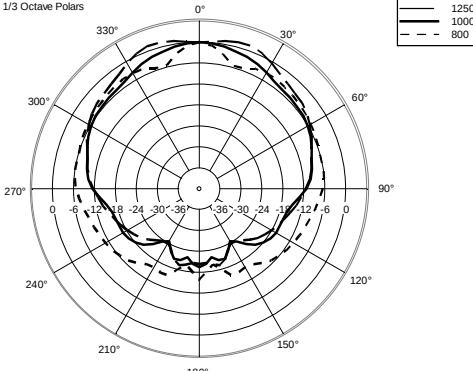
Horizontal 1/3 Octave Polars



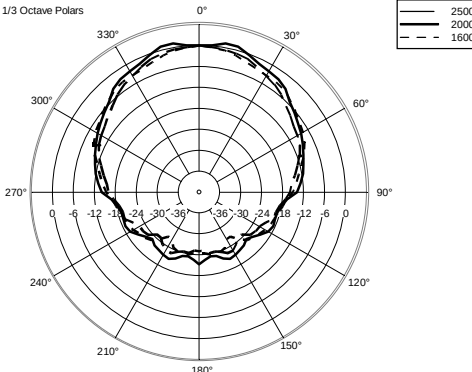
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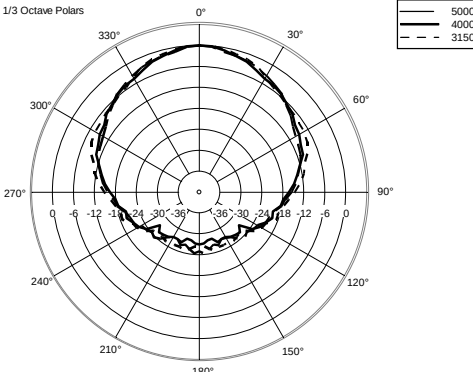
Horizontal 1/3 Octave Polars



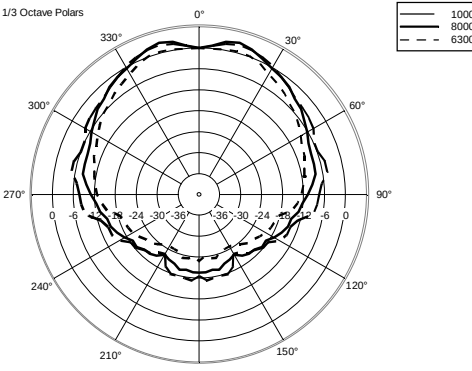
Horizontal 1/3 Octave Polars



Horizontal 1/3 Octave Polars



Horizontal 1/3 Octave Polars



Horizontal One Octave Polars

