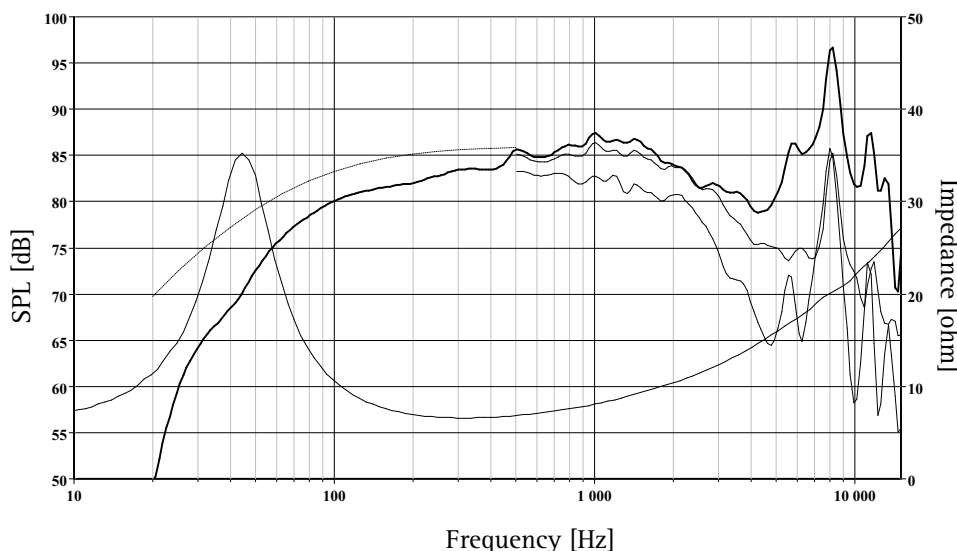


L15RLY/P is a 15 cm (5") cone driver, developed for use as a long throw high fidelity woofer or woofer/midrange unit.

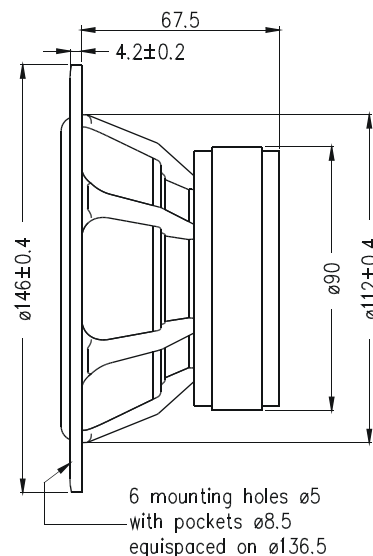
Stiff, yet light aluminium cone and low loss rubber surround show no sign of the familiar 500-1500 Hz cone edge resonance and distortion associated with soft cones.

Large magnet system, together with very long, and light weight copper clad aluminium voice coil allow for extreme coil excursion with low distortion and good transient response.

Extremely stiff and stable injection moulded metal basket, keeps the critical components in perfect alignment. Large windows in the basket both above and below the spider reduce sound reflection, air flow noise and cavity resonances to a minimum.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees angle using a 7L closed box. Input 2.83 V<sub>RMS</sub>, microphone distance 0.5m, normalized to SPL 1m. The dotted line is a calculated response in infinite baffle based on the parameters given for this specific driver. The impedance is measured in free air without baffle using a 2V sine signal.



|  |              |                                  |                    |
|--|--------------|----------------------------------|--------------------|
| Nominal Impedance                      | 8 Ohms       | Voice Coil Resistance            | 5.5 Ohms           |
| Recommended Frequency Range            | 45 - 3000 Hz | Voice Coil Inductance            | 0.84 mH            |
| Short Term Power Handling *            | 200 W        | Force Factor                     | 5.7 N/A            |
| Long Term Power Handling *             | 80 W         | Free Air Resonance               | 44 Hz              |
| Characteristic Sensitivity (2,83V, 1m) | 86 dB        | Moving Mass                      | 8.1 g              |
| Voice Coil Diameter                    | 26 mm        | Air Load Mass In IEC Baffle      | 0.38 g             |
| Voice Coil Height                      | 16 mm        | Suspension Compliance            | 1.6 mm/N           |
| Air Gap Height                         | 6 mm         | Suspension Mechanical Resistance | 1.12 Ns/m          |
| Linear Coil Travel (p-p)               | 10 mm        | Effective Piston Area            | 75 cm <sup>2</sup> |
| Maximum Coil Travel (p-p)              | 20 mm        | VAS                              | 12 Litres          |
| Magnetic Gap Flux Density              | 1.1 T        | QMS                              | 2.10               |
| Magnet Weight                          | 0.42 kg      | QES                              | 0.43               |
| Total Weight                           | 1.28 kg      | QTS                              | 0.35               |