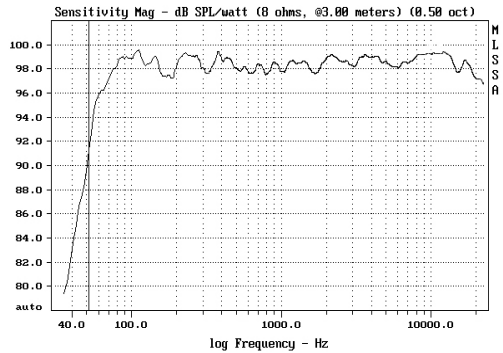




9915 frequency response

## Full range speaker – bass reflex design - passive

Designed for near field to short throw music reproduction and reinforcement at moderate to high sound pressure levels.

|                                 |                                                                                                           |
|---------------------------------|-----------------------------------------------------------------------------------------------------------|
| Frequency range                 | +/- 3 dB from 60 Hz – 22 kHz<br>-6 dB from 40 – 24 kHz                                                    |
| Sensitivity                     | 99 dB ref. 20 $\mu$ Pa / 2.83 Vrms / 1m                                                                   |
| Acoustical system output        | continuous: 126 dB at 1 m / peak: - 132 dB at 1 m                                                         |
| Nominal dispersion              | - 3 dB: 60°X 50° horizontally and vertically                                                              |
| Nominal impedance               | 8 $\Omega$                                                                                                |
| Long-term power handling        | program: 1200 W – aes: 600 W                                                                              |
| Recommended amplification       | 800 W at 8 $\Omega$                                                                                       |
| Recommended crossover frequency | 1800 Hz at 12 Oct./dB Linkwitz-Riley                                                                      |
| Connectors                      | 2 x 4-pole male Neutrik Speakon® (+1/-1)                                                                  |
| Enclosure dimensions w/o feet   | width: 41 cm / 28 cm - height: 52 cm - depth: 40 cm                                                       |
| Enclosure construction          | reinforced 18 mm multilayer Finnish birch plywood - dado joint technique                                  |
| Components                      | LF: 1 x 15" low driver with 100 mm voice coil<br>HF: 1 x 1" BMS compression driver with 40 mm voice coil  |
| Components protection           | water repellent acoustic foam attached on octagonal perforated aluminium grid with hook-and-pile-fastener |
| Colour                          | black semi matt – other colours available on request                                                      |
| Weight                          | net: 27 Kg<br>shipping: 30 Kg                                                                             |
| Carriage support                | two pocket handles                                                                                        |
| Rigging                         | aluminium top hat 35 mm, 2 certified roping eyes                                                          |
| Accessories                     | CVR FR R1012 - weatherproof cover                                                                         |

## DESCRIPTION

The 9915 loudspeaker is a compact two-way vented system and the most powerful of the full range product line.

This system is based on a 15 inch low cone driver with 100 mm voice coil integrated in a bass reflex enclosure and a one inch neodymium high frequency compression driver coupled to a symmetrical constant directivity horn with a coverage angle of 70 degrees. The horn is lathed from a block to fade out appearing resonances quickly. The enclosure is of trapezoidal shape to reduce cabinet reflection causing colourations. It is constructed with 18 mm Finnish birch plywood glued together using dado joints to assure the highest quality of robustness. The transducers are protected by an aluminium grid with octagonal holes, designed for maximal strength and acoustical transparency. The removable foam attached to the grid protects the driver from splash water and dust. The black textured semi-matt paint makes the enclosure water repellent. Two ergonomically designed pocket handles assure comfortable portability. Two Speakon® male connectors assure reliable electrical connections and the possibility to feed the signal through the system. A passive network, utilizing polypropylene capacitors, is used to reduce hysteric effects.

It is recommended to extend the low frequency range with a bass system such as the reflex system LF R1018 or the horn system LF H1018 for well-balanced sound reproduction.

## APPLICATIONS

The 9915 finds its application in systems for:

- distributed sound reproduction: e.g. bars, clubs and dance halls, fashion shows
- sound reinforcement: e.g. small concerts, music bars, small theatres, circuses, small sport venues and stadiums

## COMPLEMENTARY AND RELATED PRODUCTS

Following complementary low frequency and amplification systems are recommended for a well-balanced sound sensation:

- low frequency systems: LF R1018 (reflex) or LF H1018 (horn)
- amplifiers: AMP 1500 or AMP 1200

Related products:

- mid-high frequency horn: MH H1010
- full range systems: FR R2005 and FR R1005