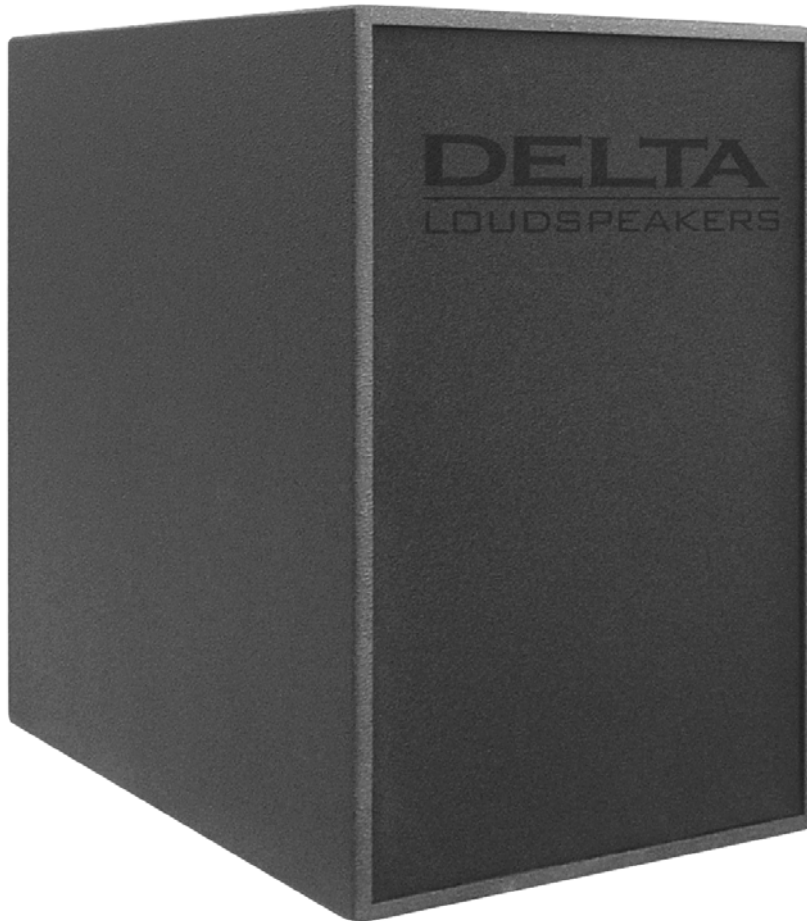


Low Frequency horn



APPLICATIONS

- General applications requiring powerful, high quality sound reproduction
- Free field & Large scale reinforcement
- Theatres, concert halls and medium to large size venues
- Extended low frequency reinforcement

FEATURES

- Immediate and effective results in usual amplification systems
- Up to 140dB peak sound pressure at one meter
- Dependable, 2000W 24" LF driver with 160mm Voice coil
- Robust 24 mm multiply Finnish birch construction

The 9724 is a Low Frequency Horn Delta Loudspeakers introduced back in 1997. Till date there have been no changes to the geometry of the cabinet cavities & horn shapes. Many improvements have been introduced in the 24" LF driver, in order to achieve a very dependable system. Reinforcement ribs have been added on the reverse side of the cone, a new magnetic assembly has been studied in order to maximize the BL factor of the driver.

The Delta 9724 is an uncommon horn designed to cover low frequencies in primary sound reinforcement systems. The Horn, incorporating Delta's loading principle (Snail©) provides remarkable low frequency output from a compact enclosure. This device is in fact capable of impressive electrical to acoustic power conversion (104dB 1W@1m) delivers 140dB peak sound pressure. It is the result of a serious approach to the acoustic science and a precise study of the different radiation conditions of a low frequency horn of small dimension.

This particular horn has a very smooth response, free from any particular colorations and useful up to 180 Hz. It is an excellent complement to our 9910 series of mid-high frequency horns.

For fixed installations the speaker is optionally available without wheels, handles. Recommended complementary products: 9910S MHF horn or 9910 MHF Horn.

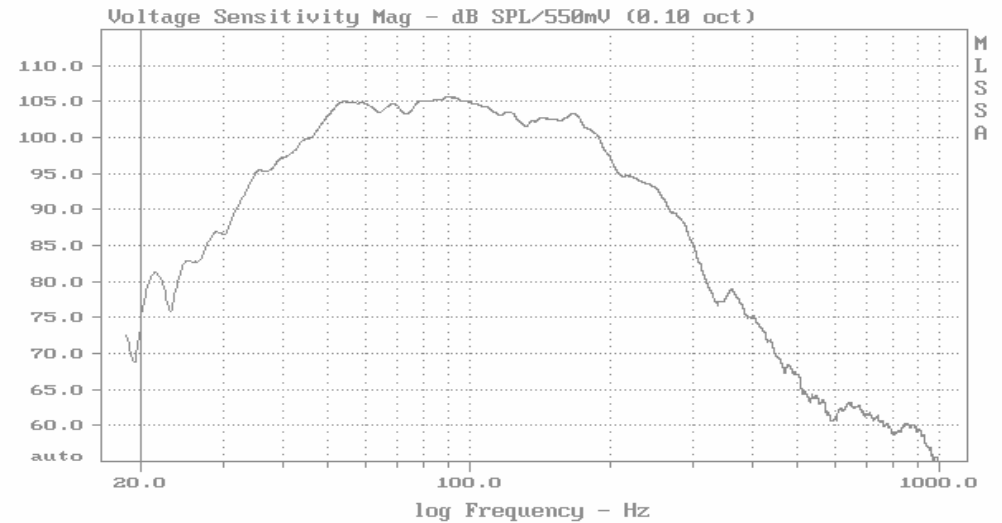
Low Frequency horn

| | |
|-----------------------------|---|
| Sensitivity (1) | 104 dB @ 1 meter with one watt input |
| Frequency response (2) | 25 Hz to 170 Hz |
| Program power | 2000W |
| Continuous power rating | 1000W |
| Maximum sound pressure | 134 dB @ 1 meter, full power |
| Power compression | Less than 3 dB |
| Impedance | 8 Ohms |
| Recommended crossover point | From 60 Hz to 170 Hz 24 dB/oct. Linkwitz |
| Horn configuration | Non Hipex, with curvilinear axle |
| Dimension (W/H/D) | 70.0 cm x 104.0 cm x 105.0 cm (+ 13.5 cm with wheels) |
| Weight | 144 Kg |
| Connectors | 2 x Neutrik NL4FC (+1/-1 in & loop trough) |
| Driver | 24" driver, with 160 mm voice coil |
| Accessories | Protective weather proof cover (CVR9724), polyurethane foam, black matted aluminum front grille |
| Flying systems (3) | Upon request |

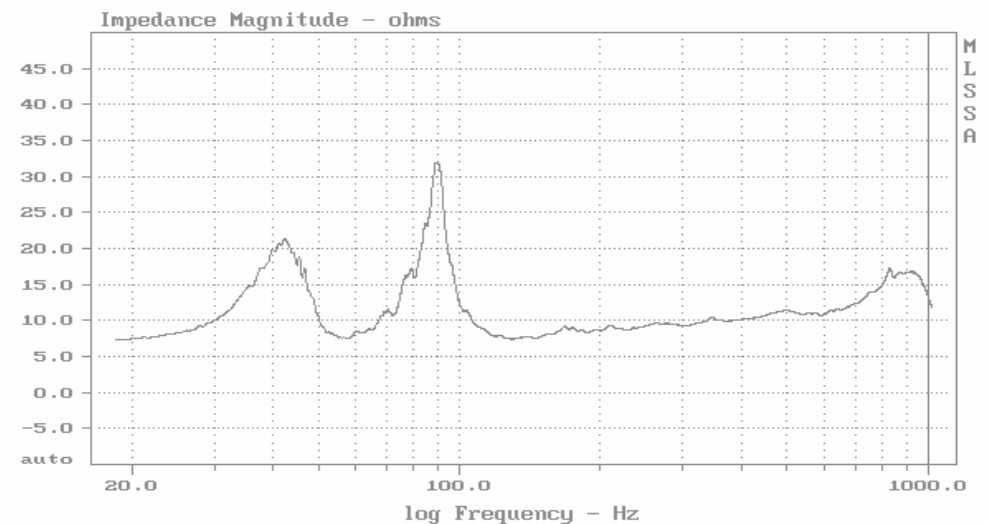
1. Sensitivity is based on a swept 100 Hz to 500 Hz signal for an input of 2.83 V @ 8 ohms or 2.0 V @ 4 ohms
2. Frequency range is defined as the frequency extremes where the response is -10dB from the rated sensitivity
3. Delta Loudspeakers SA offers upon request different types of mounting hardware intended for vertical or horizontal arrangements

All information herein is subject to change without prior notice.

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9724 frequency response



9724 impedance