

H8 High End 8" Professional Loudspeaker

H8



DESCRIPTION:

H8 is an extremely compact Professional Audio and Monitor Loudspeaker in an enclosed cabinet with reliable 2-way technology for professional user. A linear frequency and phase response and very little distortion. Even at high sound pressure levels are the distinguishing marks of the H8. The product not only exhibits excellent speech intelligibility but also a natural broad band music rendition. Although it presently is the most powerful speaker in this compact class it still goes without electronic assistance by controller technology wherever small dimensions, high-quality sound and highest performance is needed the H8 defines state of the art technology it easily outdoes some active and controller operated speakers of the same class at the most important features. Only high-class components are being used as for example the especially powerful 8" driver with long cone displacement and aluminum voice coil in neodymium technology, which exhibits a linear membrane displacement and highest efficiency. The 2-way bass reflex construction together with the runtime-corrected and exactly aligned transducer assembly result in an exact signal reproduction. Protective electronic circuits allow for highest operational safety and performance momentary peaks up to 1000watt (AES peak) do not pose a problem for the little H8.

The rugged water-based texture finish and the professional configuration make the optimal sound tool. The practically applicable nominal impedance of 12ohms allows for the operation of up to speaker together with any professional amplifier.

FEATURES:

- Using one 8" mid-bass speaker unit and one 1.4" compression tweeter of annular diaphragm of polyethylene.
- Box is made up of 15mm plywood. Its weight is light. Wearable paint treatment is used and the cotton dust network is posted outside.
- The exact design of the crossover optimizes the MF performance of the human voice portion.
- Multiple screw lifting holes, a diameter of 35 mm pole sockets, a variety of installation methods.

SCOPE OF APPLICATION:

Used together with H8 professional power amplifier and the former effect processor systems, it is formed a set of perfect sound and vocal performance outstanding high-end entertainment Venue, theaters, Auditoriums

TV, Broadcast

Conference rooms, Class rooms

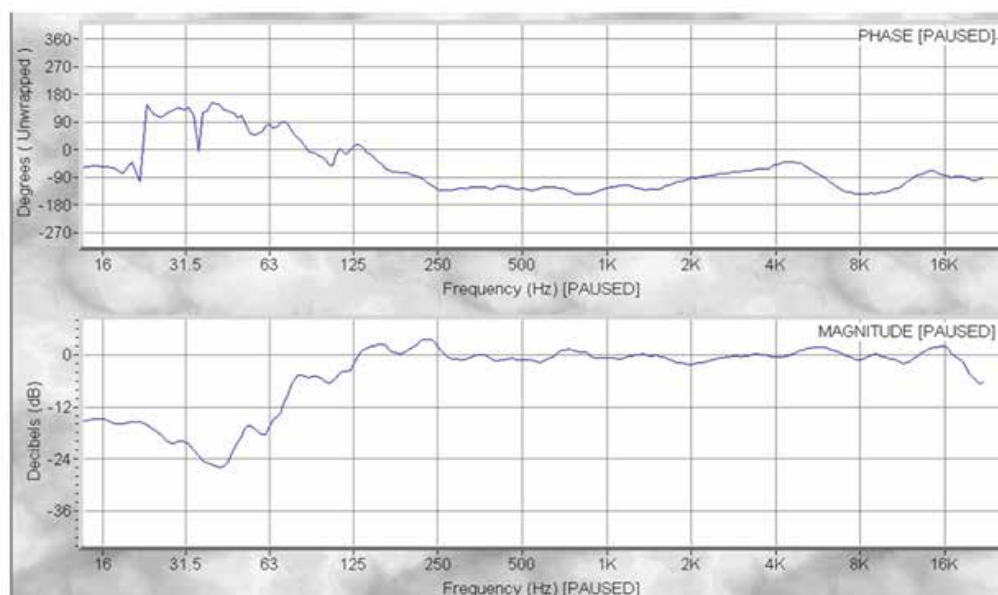
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SPECIFICATIONS:

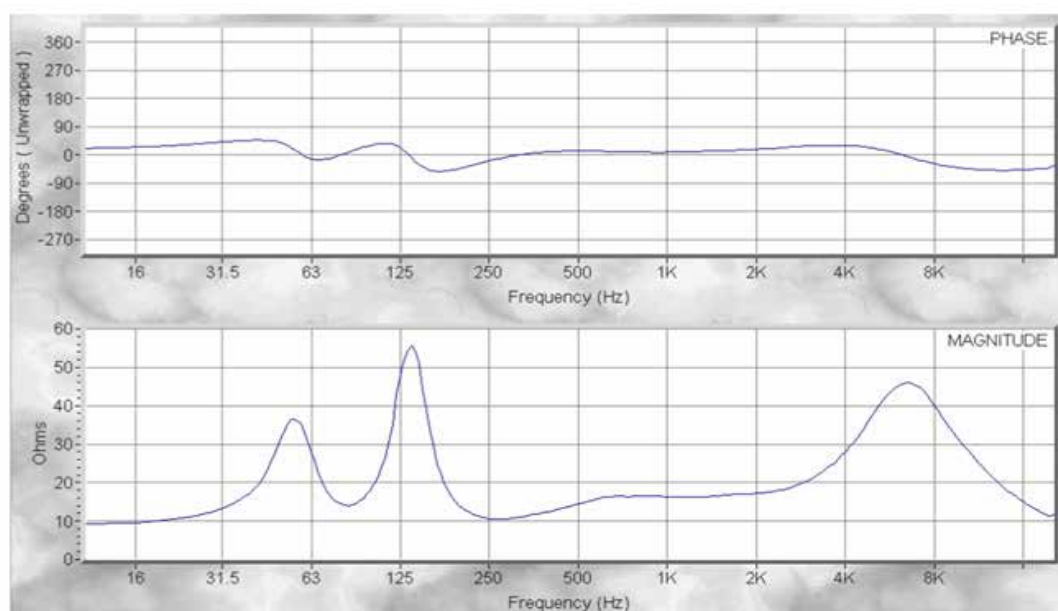
Model	H8
Impedance	8Ω
Frequency Response	40Hz~20KHz
Power Rating	250W/500
Sensitivity	96dB/1W1/M
Coverage Angle	(H)80° (V)60°
Tweeter	1.4" compression tweeter x 1
Sound pressure level SPL peak	125
Design	2-way, bass reflex
Assembly	8" neodymium +CD-horn
Dimension	440 x 243 x 243 mm
Weight	9.6Kg

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MEASURING DATA:



Bodeplot frequency response: phase and amplitude



Bodeplot impedance: phase and amplitude