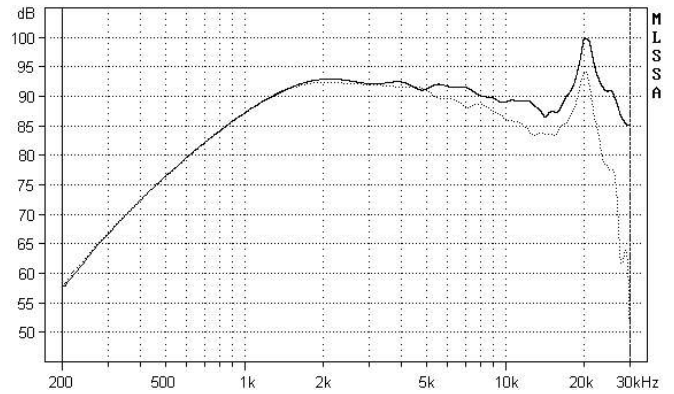


# Alcone AC 1 HAT

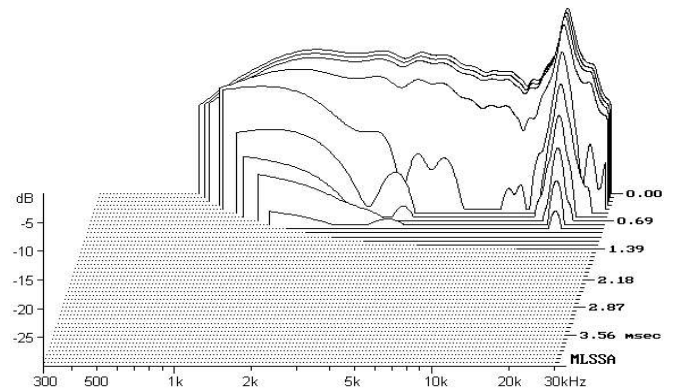


Frequency Response in Test Box 40 X 40 X80  
 \_\_\_\_\_ on axis      ..... 30° off axis



Shielded 1" dome tweeter with extremely rigid ceramic composite dome, fabric surround, very wide frequency range: ferrofluid cooled air gap double magnet and high efficiency. The 20 kHz peak can easily be equalized by adding a parallel notch filter as

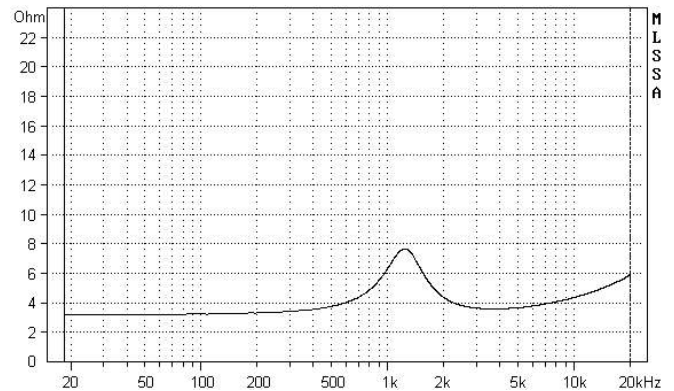
Cumulative spectral decay



## Theile / Small Parameters

Nominal Impedance	4 Ohms
DC Resistance	3.1 Ohms
Voice Coil Inductance	0.04 mH
Fs	1250 Hz
Qms	2.0
Qes	1.4
Qts	0.82
Sd	6.6 CM <sup>2</sup>
Sens	92.5 dB
Nominal Power Handling	10 W
Peak Power Handling	100 W
Weight	0.75kg
Voice Coil diameter	25mm
Voice Coil Height	3mm
Voice coil Layers	2
Voice Coil former	Aluminium
Gap Height	3mm

Impdace Magnitude



Recomended filter Design

