

## KEY FEATURES

- 200 Watt Max Power (LF)
- 20 Watt max Power (HF)
- 1.5 in - 38mm voice coil, Aluminium wire (LF)
- 0.8 in - 20 mm voice coil, Copper wire (HF)
- Neodymium magnet; Ferrofluid inside (HF)
- PA systems application



## MEASURE CONDITIONS

- 3 litres
- Pink noise
- 150 - 5000Hz, 12dB/oct
- 2 hours

GENERAL SPECIFICATIONS	LF	HF
Nominal Diameter	4 in - 100 mm	0.8 in - 20 mm
Nominal Impedance	8 Ohm	4 Ohm
Nominal Rdc	5.3 Ohm	3.4 Ohm
Power handling (AES) (*)	100 Watt	10 Watt
Max Power	200 Watt	20 Watt
Frequency Range	150 ÷ 2000 Hz	2000 ÷ 20000 Hz
Voice Coil Diameter	1.5 in - 38 mm	0.8 in - 20 mm
S.P.L. (1w, 1m)	89.2 dB	95 dB
Nominal Fs	195 Hz	1450 Hz
Flux Density	0.95 T	1.3 T

## MECHANICAL &amp; SHIPPING INFORMATIONS

Net weight	0.81 Kg
Overall Diameter	101 mm
Overall Depth	54 mm
Baffle Cut Diameter	91 mm
Mounting bolt diameter	110 mm

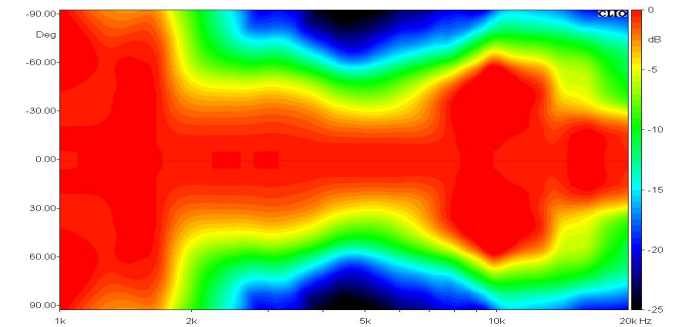
## THIELE-SMALL PARAMETERS

Qms	4.90	Sd	51.53 cm <sup>2</sup>
Qes	0.86	Vas	0.39 liter
Qts	0.73	u0	0.34 %
Fs	198 Hz	XMax	2.75 mm
Re	5.26 Ohm	Le	0.38 mH
Mms	6.15 g	Rms	1.56 Kg/s
Cms	0.11 mm/N	Efficiency Bandwidth	230.86
Bl	6.85 T*m		

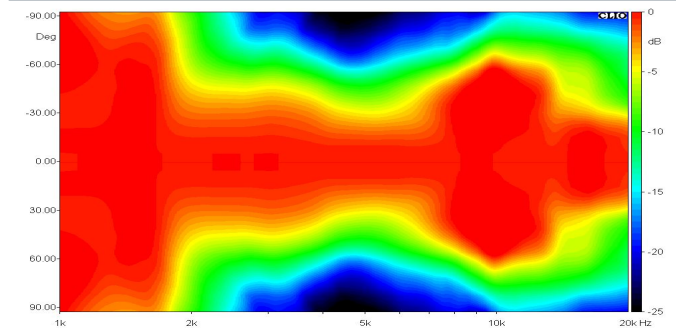
## MATERIALS

Voice Coil Former Material	Fiber glass (LF) Kapton (HF)
Voice Coil Wire	Copper
Membrane Material	Paper (LF) Polyester (HF)
Membrane Shape	Exponential (LF) Dome (HF)
Magnet Type	Neodymium

## HORIZONTAL DIRECTIVITY



## VERTICAL DIRECTIVITY



## DIAGRAM