

KEY FEATURES

- 500 Watt Max Power (LF)
- 120 Watt Max Power (HF)
- 64 mm (2,5 in) voice coil, aluminium wire (LF)
- 44 mm (1,73 in) voice coil, aluminium wire (HF)
- Interleaved sandwich voice coil (LF)
- Kapton diaphragm (HF)
- Neodymium magnet assembly
- Copper short, cap for extended frequency response (HF)
- Weather protected membrane for outdoor use (LF)



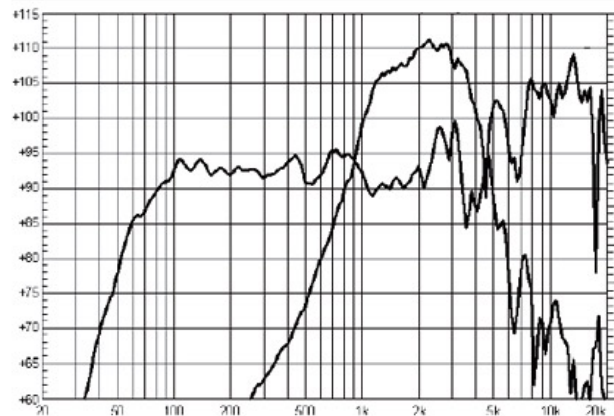
GENERAL	LF	HF	
Nominal Diameter	10" - 250 mm	1" - 25,4 mm	
Nominal Impedance	8 Ohm	8 Ohm	
Nominal Rdc	5,6 Ohm	5,4 Ohm	0,4 Ohm
Power handling (AES) (*)	250 Watt	60 Watt	
Max Power	500 Watt	120 Watt	
Voice Coil Diameter	64 mm	44 mm	2,5/1,73 in
S.P.L. (1w, 1m)	95 dB	106 dB	±1,5 dB
Nominal Fs	65 Hz	1200 Hz	±5 Hz
Flux Density	1,1 T	1,95 T	±0,08 T
Frequency Range	60-3000 Hz	1000-17000 Hz	
Sinusoidal Test Voltage	15 V	3 V	

(*) Life Test

Box Volume	40 liters
Input Signal	Pink noise
Band Pass Filter	20-2000 Hz, 12dB/oct
V on Speaker	45 V
Test duration	2 hours

DIAGRAM

Frequency Response Reflex Box 40 dmc - 2,83 V - 1m
 Impedance (Iac=10m A)



MECHANICAL DATA

Weight	3,6 kg
Overall Diameter	266 mm
Overall Depth	138 mm
Baffle Cut Diameter	235 mm
Mounting holes number	8
Mounting holes diameter	6 mm
Mounting bolt diameter	253 mm

MATERIALS

Frame Material	Aluminium
Voice Coil Former	Kapton (LF-HF)
Voice Coil Wire	Copper (LF), Aluminium (HF)
Cone Material	Doped Paper (LF), Kapton (HF)
Cone Shape	Exponential (LF), Dome (HF)
Surround Material	Doped Nomex® fabric (LF), Kapton (HF)
Surround Shape	Three waves (LF), Flat (HF)
Suspension Material	Doped Nomex® fabric (LF)
Magnet Type	Neodymium
Magnet Weight	460 g

THIELE-SMALL PARAMETERS

Qms	12,72
Qes	0,57
Qts	0,55
Fs	64,30 Hz
Re	5,72 Ohm
Mms	35,71 g
Cms	0,17 mm/N
Bl	12,00 T*m
Sd	355,00 cm²
Vas	30,33 liter
u0	1,36 %
XMax	5,5 mm
Le	0,71 mH
Rms	1,13 Kg/s
Efficiency Bandwidth	112,20

Air gap height = mm 8
 Winding height = mm 15