



Peerless

5" MID-WOOFER

850495 HDS134

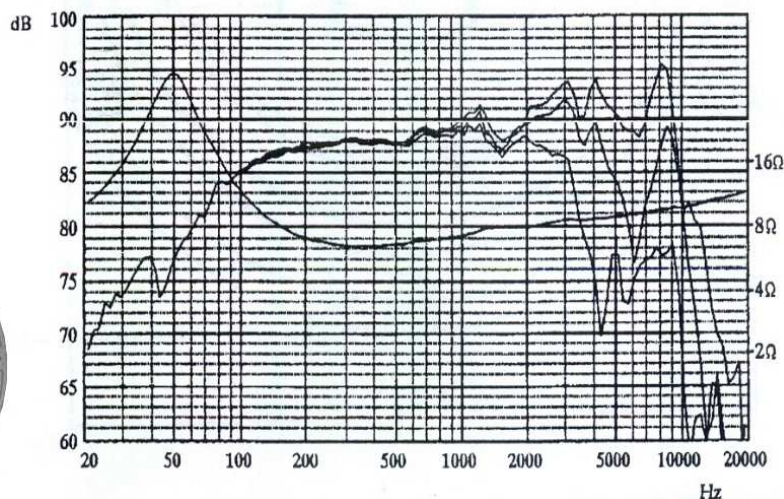
134 WR 26 90 SD AL CU PH 8Ω



High End mid-woofer
Ventilated spider
Rigid aerodynamic cast aluminium basket
Very low distortion magnet system
Multiple layers sandwich cone



Frequency response : 2.83v / 1m



SPECIFICATION

Thiele Small parameters:

Nominal impedance	Zn (Ω)	8
Minimum impedance/at freq.	Zmin (Ω/Hz)	6.9 / 355
Maximum impedance	Zo (Ω)	46.0
Dc resistance	Re (Ω)	5.8
Voice coil inductance	Le (mH)	1.0
Capacitor in series with 8 Ω (for impedance compensation)	Cc (μF)	5
Resonance Frequency	fs (Hz)	51.1
Mechanical Q factor	Qms	2.60
Electrical Q factor	Qes	0.37
Total Q factor	Qts	0.33
F (Ratio fs/Qts)	F (Hz)	150
Mechanical resistance	Rms (Kg/s)	1.26
Moving mass	Mms (g)	10.2
Suspension compliance	Cms (mm/N)	0.95
Effective cone diameter	D (cm)	10.4
Effective piston area	Sd (cm²)	85
Equivalent volume	Vas (ltrs)	9.5
Force factor	Bl (N/A)	7.1
Reference voltage sensitivity Re 2.83V 1m at 355 Hz (Calculated)	(dB)	88.5

Power handling

Longterm Max System Power (IEC) (W) **130**

Magnet and voice coil parameters:

Voice coil diameter	d (mm)	26
Voice coil length	h (mm)	13
Voice coil layers	n	2
Flux density in gap	B (T)	1.23
Total useful flux	(mWb)	0.83
Height of the gap	hg (mm)	6
Diameter of magnet	dm (mm)	90
Height of magnet	hm (mm)	15
Weight of magnet	(kg)	0.4

