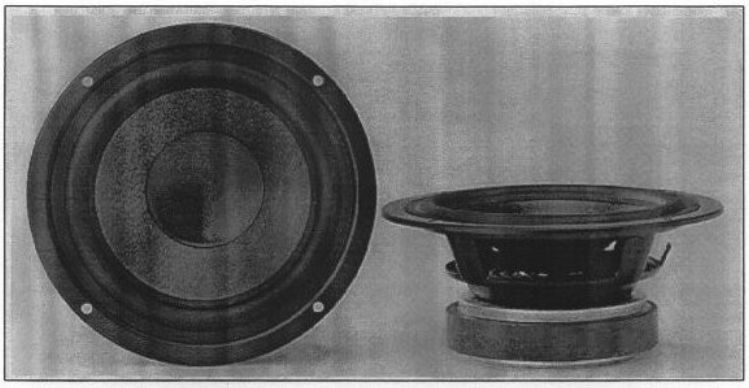
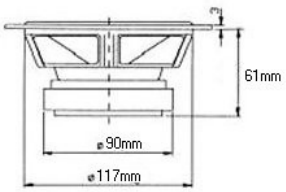
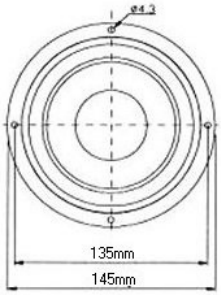
Peerless **CSX 145 H**







145 WR 26 90 SD AL 4Ω

850109

High quality, high-end 5" woofer with Peerless' "Sandwich" cone. This 5" woofer is a 4Ω version of the 850108 CSX woofer.

It is a CSX woofer with a very low Q and extra high sensitivity. The Peerless "Sandwich" cone combined with a short cirquiting ring in the magnet system gives very smooth response and low distortion.

It is suitable for use as high-sensitivity midrange and for mounting in applications where controlled, but yet restricted, bass is required.

CSX 145

Thiele Small parameters:

			Free air	Common	Baffled
Nominal impedance	Zn	(Ω)		4	
Minimum impedance/at freq.	Zmin	(Ω/Hz)		4.0 / 398	
Maximum impedance	Zo	(Ω)		24.0	
Dc resistance	Re	(Ω)		3.7	
Voice coil inductance	Le	(mH)		0.6	
Capacitor in series with 4 Ω (for impedance compensation)	Cc	(μF)		23	
Resonance Frequency	fs	(Hz)	51.0		50.0
Mechanical Q factor	Qms		1.87		1.91
Electrical Q factor	Qes		0.34		0.35
Total Q factor	Qts		0.29		0.30
F (Ratio fs/Qts)	F	(Hz)			169
Mechanical resistance	Rms	(Kg/s)		1.65	
Moving mass	Mms	(g)	9.6		10.0
Suspension compliance	Cms	(mm/N)		1.01	
Effective cone diameter	D	(cm)		10.8	
Effective piston area	Sd	(cm²)		91	
Equivalent volume	Vas	(ltrs)		11.5	
Force factor	Bl	(N/A)		5.8	
Reference voltage sensitivity Re 2.83V 1m at 398 Hz (Calculated)		(dB)			91.0

Magnet and voice coil parameters:

Voice coil diameter	d	(mm)	26
Voice coil length	h	(mm)	11
Voice coil layers	n		2
Flux density in gap	B	(T)	1.17
Total useful flux		(mWb)	0.81
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

Max linear SPL: