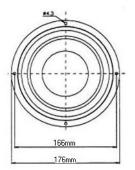


176 WR 33 102 SD AL 4Ω





High quality 6½" woofer with Peerless' "Sandwich" cone, a heavy magnet, and a short cirquiting ring to reduce distortion in the magnet system.

This 4Ω version of the 850122 CSX woofer has lower Q and gives extra well-controlled bass. The low Q favours application in smaller reflex boxes and in bass reflex boxes of 7-30 ltrs. Furthermore, it is recommended for use in small closed boxes down to 4 ltrs. and, at the cost of bass response, it is also suitable for use in even smaller boxes, provided that the cavity is damped approbiately. It can also be used as high-end midrange or in satellite systems.

CSX 176

Thiele Small parameters:

Nominal impedance	Zn	(D)	
Minimum impedance/at freq.	Zmin	Zmin (Q/Hz)	
Maximum impedance	Zo	(Q)	
Dc resistance	Re	(Q)	
Voice coil inductance	Le	(mH)	
Capacitor in series with 4 0	Cc	(LF)	
(for impedance compensation)			
Resonance Frequency	fs	(Hz)	
Mechanical Q factor	Qms		
Electrical Q factor	Qes		
Total Q factor	Qts		
F (Ratio fs/Qts)	F	(Hz)	
Mechanical resistance	Rms	(Kg/s)	
Moving mass	Mms	(g)	
Suspension compliance	Cms	(mm/N)	
Effective cone diameter	D	(cm)	
Effective piston area	Sd	(cm')	
Equivalent volume	Vas	(ltrs)	
Force factor	BI	(N/A)	
Reference voltage sensitivity		(dB)	
Re 2.83V 1m at 237 Hz	2.83V 1m at 237 Hz (Calculated)		

	4 3.8 / 237 23.2 3.5 0.9 28	
38.2 2.38 0.43 0.36		37.0 2.46 0.44 0.37 99
18.0	1.81 0.97 13.5 143 27.1 6.0	19.2
		90.0

Magnet and voice coil parameters:

Voice coil diameter	d	(mm)	33
Voice coil length	h	(mm)	16
Voice coil layers	n		2
Flux density in gap	В	(T)	1.08
Total useful flux		(mWb)	0.94
Height of the gap	hg	(mm)	6
Diameter of magnet	dm	(mm)	102
Height of magnet	hm	(mm)	16-
Weight of magnet		(kg)	0.54

Max linear SPL

