



**POWER ACOUSTIK®**

*P2*

*10 - 12 - 15*

Taking performance to the next level, these new subs have some drastic improvements. Being redesigned from the ground up gives us the opportunity to tailor the final product to what you've been asking for. You asked for more power handling - you got it! You wanted more bottom-end low bass - you got it! More importantly, these new subs are more durable and will last longer than previous models. All of this is due to the Kapton formers with copper wound voice coils, butyl rubber surrounds, polypropylene cones, and above all, proper design.

## P2 Features

Polypropylene Injection Molded Cone  
Butyl-Rubber Surround  
KSV Kapton Voice Coil  
Nickel Plated 8 ga. Compression Wire Terminal

Suspension Integrated Tinsel Leads  
Poly Cotton Spider  
Texture Coat Finish on Stamped Steel Basket

## Driver Specifications

T/S Spec	P2-10W	P2-12W	P2-15W
Fs (Hz)	33.50	24.83	22.19
Qms	5.625	5.176	5.939
Vas (ft <sup>3</sup> )	1.235	3.017	8.041
Xmax (mm)	8.10	10.10	10.50
Xmech (mm)	12.15	15.15	15.75
Qes	0.782	0.837	0.653
Re (Ω)	7.2	7.2	7.2
Voice Coil (Ω)	DVC 4Ω	DVC 4Ω	DVC 4Ω
V.C. Diameter (in.)	2.00"	2.00"	2.50"
BL (Tm)	13.86	14.53	18.54
RMS Power	500	600	700
Max Power	1200	1400	1600
Qts	0.691	0.72	0.588
1w/1m SPL (dB)	84.10	83.80	87.68
Overall Diameter	10.50"	12.625"	15.75"
Overall Height	7.00"	7.50"	8.50"
Mounting Depth	6.50"	6.750"	7.75"
Cutout Diameter	9.25"	11.00"	14.00"
Flange Width	0.75"	0.875"	0.875"
Flange Height	0.625"	0.75"	0.75"
Weight (lbs.)	8.3	10.9	15.5

## Enclosure Recommendations

All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2") thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes **INCLUDE** vent/port and subwoofer displacements. **DO NOT** change the volume unless you plan on adding a substantial amount of bracing. For added performance, applying a coat of fiberglass resin to the interior walls will greatly improve sealing the enclosure. Adding a thin layer of poly-fill will improve response by smoothing out reflections within the enclosure.

P2-10W Ported			P2-12W Ported			P2-15W Ported		
Cubic Feet	Port Diameter	FB/F3 (Hz)	Cubic Feet	Port Diameter	FB/F3 (Hz)	Cubic Feet	Port Diameter	FB/F3 (Hz)
1.50	3" x 9"	35/31	2.00	4" x 12.5"	35/31	4.00	(2) 4" x 11.75"	35/32

P2-10W Sealed		P2-12W Sealed		P2-15W Sealed	
Cubic Feet	Tuning (Hz)	Cubic Feet	Tuning (Hz)	Cubic Feet	Tuning (Hz)
0.75	43.2	1.25	34.7	2.00	37.7

Turn over for woofer wiring diagrams...

