



**POWER ACOUSTIK®**

*P3*

*10 - 12 - 15*

Being the biggest brother in the new family of drivers requires even better parts and the ability to meet expectations. Adding Conex spiders and larger Polyester-Imide enameled copper voice coils wrapped on Kapton formers are the requirements for higher power handling, better heat dissipation, and sonic quality. If you are the type of person who likes their face smacked against the dash due to insane amounts of bass, step up to the big boys!

### P3 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	P3-10W	P3-12W	P3-15W
Fs (Hz)	29.62	28.42	24.58
Qms	7.115	7.238	7.655
Vas (ft <sup>3</sup> )	1.100	1.718	5.668
Xmax (mm)	11.50	13.25	13.25
Xmech (mm)	17.25	19.875	19.875
Qes	0.648	.741	0.780
Re (Ω)	4	4	4
Voice Coil (Ω)	DVC 2Ω	DVC 2Ω	DVC 2Ω
V.C. Diameter (in.)	2.00"	2.50"	2.50"
BL (Tm)	12.43	14.27	14.23
RMS Power	800	1000	1200
Max Power	2000	2600	2800
Qts	0.594	.672	0.707
1w/1m SPL (dB)	82.85	83.65	86.73
Overall Diameter	10.50"	12.625"	15.75"
Overall Height	7.00"	7.50"	8.50"
Mounting Depth	6.75"	6.75"	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.)	9.2	12.6	15.6

### 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.

P3-10W Ported			P3-12W Ported			P3-15W 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"	35/29	2.00	4" x 12.5"	35/29	4.00	(2) 4" x 11.75"	35/30

P3-10W Sealed		P3-12W Sealed		P3-15W Sealed	
Cubic Feet	Tuning (Hz)	Cubic Feet	Tuning (Hz)	Cubic Feet	Tuning (Hz)
0.75	40.2	1.25	35.6	2.00	36.2

Turn over for woofer wiring diagrams...

