

### **PRO-COMP POLY SERIES "PCxp" COAXIAL SPEAKER SUMMARY**

At the entry level for our speaker system is our **PCxp POLY SERIES** which although similar to the step-up graphite speakers, the Poly models have slightly smaller magnet structures and front screw grilles. Regardless of their place in the model line, the **POLY SERIES PCxp** coaxials are designed for HIGH POWER HANDLING LEVELS, HIGH SOUND PRESSURE LEVELS, and FLEXIBLE INSTALLATION CHOICES. Combined with a good subwoofer speaker system the performance is simply stunning!

The focus of our new coaxials is the VFP Vacuum Formed Poly cone material offering lighter mass compared to older paper and plastic cones of this diameter. Such a rigid piston drives the air harder thus "tight" bass not normally heard from such a reasonably priced speaker. In addition to the awesome cone designs are the impressive front screw mount system where you can simply hold up the speaker to its proper location and speed-screw in the speakers.



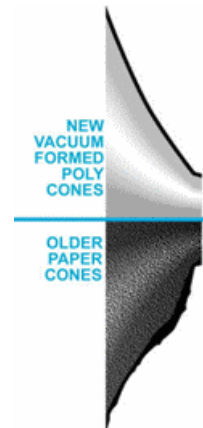
#### **"VFP" VACUUM FORMED POLY CONES**

With conventional speaker cones, they have multiple design problems:

- Non-uniform cone thickness (heavy and often generate internal "bending" motions which generate distorted sound)
- Self-resonant materials and construction (standing waves occur creating strong tonal shifts)
- Paper and cheap poly cones warp and change mass over time due to swings in temperature and humidity thus degrading performance

With the new **VFP** cones:

- They are lightweight and mechanically rigid therefore play louder with less power
- Acoustically inert, vacuum formed poly does not "color" the sound of the music
- Environmentally resilient material maintains its shape and thickness, ensuring premium tonal quality for years.



	PCxp352	PCxp402	PCxp462	PCxp542	PCxp652	PCxp693
Size	3.5"	4.0"	4x6"	5.25"	6.5"	6x9"
Class	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial	Coaxial
Type	2 way	2 way	2 way	2 way	2 way	3 way
Technology	Full-range	Full-range	Full-range	Full-range	Full-range	Full-range
Power (W rms)	30 W	35 W	35 W	40 W	50 W	70 W
Power (Wmax)	90 W	105 W	105 W	120 W	150 W	210 W
Sensitivity (dB)	90 dB	91 dB	91 dB	92 dB	92 dB	93 dB
Freq. Response (Hz)	90-20k	80-20k	80-20k	70-20k	60-20k	50-20k
Magnet weight (oz)	4.2	4.2	4.2	5.3	8.0	10.0
Cone Material	VFP	VFP	VFP	VFP	VFP	VFP
Surround Material	Treated Foam	Treated Foam	Treated Foam	Treated Foam	Treated Foam	Treated Foam
Mounting Depth (in.)	1.5	1.75	1.75	1.95	2.05	3.1