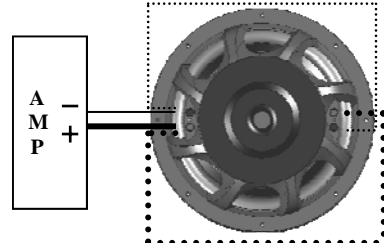
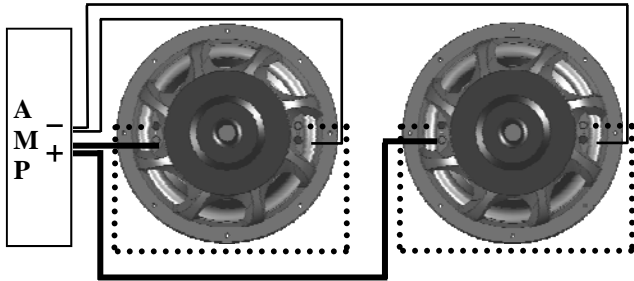


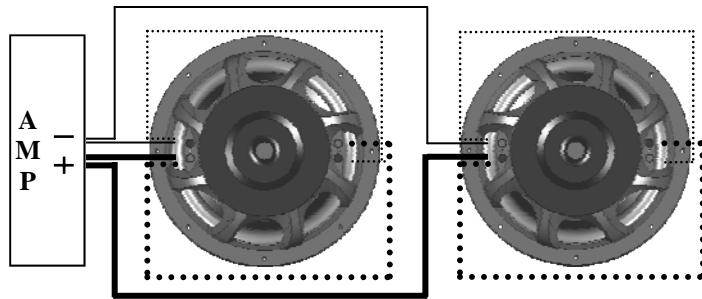
1 PC Subwoofer Wired to 4Ω



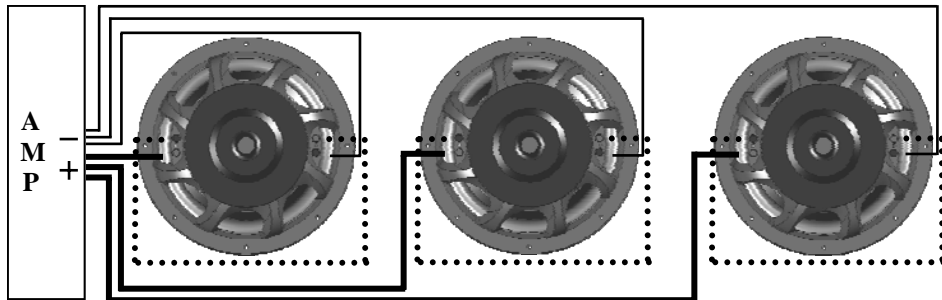
1 PC Subwoofer Wired to 1Ω



2 PC Subwoofers Wired to 2Ω



2 PC Subwoofers Wired to .5Ω



3 PC Subwoofers Wired to 1.33Ω

WWW.PRECISIONPOWER.COM

**PrecisionPower™**  
*Absolutely State of the Art Mobile Audio™*

**2010 POWER CLASS  
 SUBWOOFERS**

PC.12 PC.15



Thank you for choosing **PrecisionPower** woofers. Designed and engineered in the USA, this product combines innovative technology with the finest materials to consistently deliver *Absolutely State of the Art* performance, sound quality, reliability, and value. This **PrecisionPower** product reflects our commitment to offer you unparalleled performance and quality for years of dependable service and listening enjoyment.

## Features, Parameters, & Dimensions

Non Pressed Paper Pulp Cone  
Polyether Foam Surround  
2.5" 4-layer VC on Aluminum Former  
Nickel Plated 8ga. Compression Terminals  
Dual Poly-Cotton Suspension Spiders

Die-Cast Aluminum Frame  
170oz. Strontium Ferrite Magnet  
Vented T-Yoke Back-plate  
Cast Aluminum Heat-sink Dust-cap

series wired	PC.12	PC.15
Fs (Hz)	28.05	29.14
Qms	5.028	6.832
Vas (ft <sup>3</sup> )	1.282	3.17
Cms (mm/N)	0.106	0.0977
Mms (g)	303.4	305.2
Rms (kg/s)	10.63	8.18
Xmax (mm)	15	15
Xmech (mm)	22.5	22.5
Piston Diameter (in)	9.842	12.6
Sd (in <sup>2</sup> )	76.09	124.7
Qes	0.406	0.524
Re (Ω)	3.88	3.85
Z (Ω)	4	4
BL (Tm)	22.61	20.27
Rms Power (watts)	600	700
Qts	0.376	0.487
NO (%)	0.191	0.41
1w/1m SPL (dB)	84.8	88.1
2.8V SPL (dB)	88.1	91.45
Voice Coil Diameter (in)	2.5"	2.5"
Impedance (Ω)	DVC 2Ω	DVC 2Ω
M-vd (ft. <sup>3</sup> )	0.174	0.25

## Enclosure Dimensions

Included in this manual are a number of different enclosure suggestions. These are by no means the only enclosures to use, but they provide a starting point to determine the correct enclosure for your needs many factors must be addressed (amount of power, vehicle, placement, crossovers, etc) Therefore, as always **PrecisionPower** recommends that your subwoofer be installed by an authorized **PrecisionPower** dealer.

## Enclosure Construction

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.

## Enclosure Recommendations

PC.12 Sealed				PC.12 Ported			
Vol. (ft. <sup>3</sup> )	Dimensions (H x L x D)	QTC	-3dB (Hz)	Vol. (ft. <sup>3</sup> )	Dimensions (H x L x D)	Port (dia. X L)	Freq. (Hz) -3dB (Hz)
0.75	13.5x13.5x10.5	0.649	55.4	1.75	14x17.25x16.75	4" x 12"	39.5 33.3
1.00	13.5x17.5x10.5	0.580	56.9	2.25	14x22x16.75	4" x 12"	33.9 29.0
1.25	13.5x21.5x10.5	0.539	58.3	2.75	14x26.5x16.75	4" x 12"	30.3 26.3

PC.15 Sealed				PC.15 Ported			
Vol. (ft. <sup>3</sup> )	Dimensions (H x L x D)	QTC	-3dB (Hz)	Vol. (ft. <sup>3</sup> )	Dimensions (H x L x D)	Port (dia. X L)	Freq. (Hz) -3dB (Hz)
1.50	17x16x13	54.9	45.0	3.50	16x26.75x18	(2) 4" x 12"	37.7 31.3
2.00	17x21x13	55	43.2	4.00	16x30.5x18	(2) 4" x 12"	34.9 29.1
2.50	17x25.75x13	55	42.8	4.50	16x34x18	(2) 4" x 12"	32.8 27.4