

**POWER ACOUSTIK®**

# ***Gothic***

## ***SUBWOOFER***



***GW-124 Dual Voice Coil Subwoofer***

Thank you for choosing Power Acoustik subwoofers. 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 Power Acoustik product reflects our commitment to offering you unparalleled performance and quality for years of dependable service and listening enjoyment.

## Features, Parameters, & Dimensions

- Composite Fiber Cone Material
- High Excursion Rubber Surround
- Stitched Cone/Surround Assembly
- 2.5" Dual 4-ohm Voice Coil
- Low Tolerance Joint Adhesives
- Maximum Strength HD Magnet
- Nickel Plated 8ga. Wire Terminals
- Poly-Cotton Suspension Spider
- Vented T-Yoke Back-plate
- Segmented PVC Frame Gasket

SPECIFICATIONS	<b>GW-124</b>
RE	7.622Ω
Fs	32.89Hz
QES	0.672
QMS	4.427
QTS	0.583
DIAMETER	12"
VAS	39.934L
BL	21.193TM
MMS	191.325G
CMS	122.486
SEN	85.12DB
MAX POWER	2,500W
RMS POWER	1,200W
CUTOUT DIAM	11"
MOUNT DEPTH	6.25"
WEIGHT	16 LBS.

## Enclosure Dimensions

Included in this manual are several 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, Power Acoustik recommends that your subwoofer be installed by an authorized Power Acoustik dealer.

## Enclosure Construction

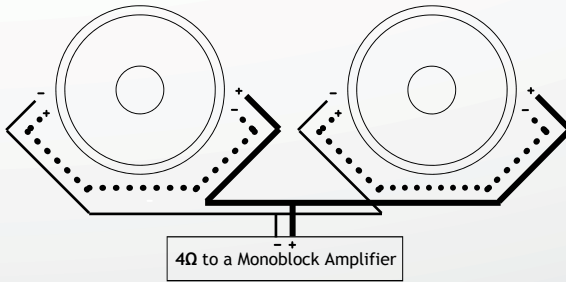
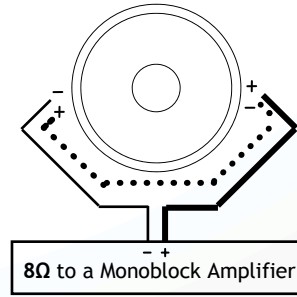
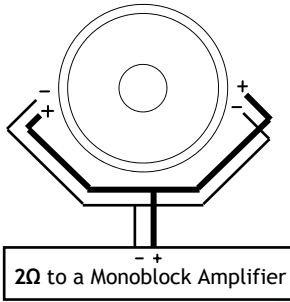
All enclosures should be made of .75" (3/4") material only. When possible, make the baffle 1.5" (1 1/2) thick and add .75" (3/4") to the depth of the enclosure to compensate. All volumes INCLUDE vent/port and subwoofer displacements. DO NOT change the volume unless you plan on adding a substantial amount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

## Enclosure Recommendations

SEALED	
MIN	1.25 CU FT.
OPTIMUM	1.50 CU FT.
PORTED	
MIN	2.00 CU FT.
PORT WxL	4" x 11"
TUNING	34 Hz
OPT	2.50 CU FT.
PORT WxL	4" x 13.75"
TUNING	30 Hz



## Configurations with Power Acoustik RZR1-2500D Amplifier



## Other Possible Configuration for 1Ω Monoblock Amplifiers

