

**POWER ACOUSTIK®**

# **2015 GOTHIC SUBWOOFER**



## **GW-124**

Thank you for choosing Power Acoustik 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 Power Acoustik product reflects our commitment to offer 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 Magnets  
Nickel Plated 8ga. Wire Terminals  
Poly-Cotton Suspension Spider  
Vented T-Yoke Back-plate  
Segmented PVC Frame Gasket*

SPECIFICATIONS	GW-124
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	16LBS.

## *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, 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. 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*

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	30Hz

