

POWER ACOUSTIK®

2013
GOTHIC
SUBWOOFERS

GW3-10 GW3-12 GW3-15

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

**Polypropylene Cone
Rubber Surround**

**Poly-Cotton Suspension Spider
Vented T-Yoke Back-plate**

2.5" 4-layer VC on Aluminum Former

Woven Polypropylene Dust Cap

Nickel Plated 8ga. Compression Terminals

Textured Basket with Voice Coil Cooling

GW3-10

GW3-12

GW3-15

IMPEDANCE	DUAL 2OHM	DUAL 2OHM	DUAL 2OHM
RE	2.2493	2.1444	2.1796
FS	35.29	34.29	31.21
QES	1.4673	1.5772	1.2742
QMS	5.4091	5.2909	4.5324
QTS	1.1542	1.2150	0.9946
LE	0.9646	0.8983	1.0736
DIAMETER	10INCH	12INCH	15INCH
SD	78.5398 IN ²	113.0973 IN ²	176.7146 IN ²
VAS	30.3894	60.8651	71.3101
BL	9.1083	8.8552	15.0269
MMS	244.0387	267.6814	673.0175
CMS	83.3188	80.4756	88.6195
SEN	81.3	83.6	84.1
CUTOUT DIAM	9.6 INCH	11.5INCH	14.5INCH
MOUNT DEPTH	6.0INCH	6.5INCH	7.5INCH

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, SPL recommends that your subwoofer be installed by an authorized SPL 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	.75 CU FT.	1.00 CU FT.	1.5 CU FT.
OPTIMUM	1.0 CU FT.	1.5 CU FT.	2.75 CU FT.
PORTED			
MIN	1.0 CU FT.	1.5 CU FT.	2.5 CU FT.
PORT WxL	3INCH X 5.5INCH	4INCH X 5INCH	5INCH X 7.8INCH
F3 Hz	34	38	30
OPT	1.5 CU FT.	2.25 CU FT.	3.0 CU FT.
PORT WxL	4INCH X 6INCH	6INCH X 7INCH	6INCH X 7INCH
F3 Hz	32	34	28

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