

POWER ACOUSTIK®

2013

Crypt

SUBWOOFERS

CW2-102/104 CW2-122/124

CW2-152/154



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
2.0" 4-layer VC on Aluminum Former
Nickel Plated 8ga. Compression Terminals

Vented T-Yoke Back-plate
Woven Polypropylene Dust Cap
Textured Basket with Voice Coil Cooling
Poly-Cotton Suspension Spider

CW2	CW2	CW2	CW2	CW2	CW2
102	104	122	124	152	154

IMP.	DUAL 2	DUAL 4	DUAL 2	DUAL 4	DUAL 2	DUAL 4
RE	2.2257	3.9190	2.1742	4.0503	2.2273	3.9370
Fs HZ	32.44	33.06	24.24	31.01	24.77	25.70
QES	0.9088	0.9682	0.8451	0.9753	1.0299	1.1456
QMS	5.3829	4.8543	4.1719	5.0774	4.7635	4.6395
QTS	0.7775	0.8072	0.7028	0.8182	0.8468	0.9187
LE MH	0.7877	1.0730	0.7303	1.1285	0.7804	1.0853
DIAM	10INCH	10INCH	12INCH	12INCH	15INCH	15INCH
SD IN ²	78.539	78.539	113.0973	113.0973	176.7146	176.7146
VAS L	125.76	125.63	161.32	215.22	336.24	349.89
BL	5.9027	6.972	8.8972	8.65	8.7347	10.596
MMS	179.78	187.44	201.96	92.528	226.64	202.25
CMS	344.81	339.62	213.30	284.57	182.09	189.49
SEN	84.4	84.9	86.1	89.9	88.7	88.8
M. DEPTH	5 7/8 INCH	5 7/8 INCH	6 3/8 INCH	6 3/8 INCH	7 1/4 INCH	7 1/4 INCH
CUT. DIAM	9.6 INCH	9.6 INCH	11.5 INCH	11.5 INCH	14.5 INCH	14.5 INCH

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

	CW2-102/104	CW2-122/124	CW2-152/154
SEALED			
MIN	.75 CU FT.	1.25 CU FT.	1.5 CU FT.
OPTIMUM	1.0 CU FT.	1.75 CU FT.	2.5 CU FT.
PORTED			
MIN	1.0 CU FT.	1.75 CU FT.	2.5 CU FT.
PORT WxL	4INCH X 10INCH	4INCH X 4INCH	6INCH X 4.5INCH
F3 Hz	50	58	49
OPT	1.5 CU FT.	2.0 CU FT.	3.0 CU FT.
PORT WxL	4INCH X 7.5INCH	5INCH X 8.5INCH	6INCH X 2.7INCH
F3 Hz	45	49	47

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