

2013

Reaper
SUBWOOFERS

RW1-8 RW1-10 RW1-12

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
Ribbed Foam 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

RW1-8

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RW1-12

IMPEDANCE	4OHM	4OHM	4OHM
RE	4.0380	3.9329	4.0449
Fs Hz	39.72	30.62	31.25
QES	0.6491	0.6821	0.5960
QMS	5.5675	5.4574	5.4415
QTS	0.5813	0.6063	0.5372
LE MH	2.7909	2.7865	2.4472
DIAMETER	8INCH	10INCH	12INCH
SD	50.2655 IN^2	78.5398 IN^2	113.0973 IN^2
VAS	62.9409 L	86.5420 L	248.3608 L
BL	7.6	11.2	10.2
MMS	38.0906	113.8143	78.9822
SEN	89.5	87.3	92.7
RMS/MAX	240/600	360/900	500/1200
MOUNTING DEPTH	4.25INCH	4 7/8 INCH	5.75INCH
CUTOUT DIAM.	7.8INCH	9.6INCH	11.5INCH

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.

RW1-8

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RW1-12

SEALED			
MINIMUM	.45 CU FT.	.75 CU FT	1.0 CU FT
OPTIMUM	.75 CU FT.	1.0 CU FT.	1.25 CU FT.
PORTED			
MINIMUM	.75 CU FT.	1.0 CU FT.	1.5 CU FT.
PORT WxL	4INCH X 7.5INCH	3INCH X 4.5INCH	5INCH X 4.5INCH
F3 Hz	63	48	65
OPTIMUM	1.0 CU FT.	1.5 CU FT.	1.75 CU FT.
PORT WxL	4INCH X 6.35INCH	4INCH X 8.5INCH	5INCH X 4INCH
F3 Hz	48	40	50