

POWER ACOUSTIK®

2013

**Reaper
SUBWOOFERS**

REP-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**

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IMPEDANCE	4OHM
R _E	3.9736
F _s Hz	42.14
Q _{ES}	1.7272
Q _{MS}	6.3993
Q _{TS}	1.3601
L _E mH	2.0227
DIAMETER	12INCH
S _D	113.0973 IN ²
V _{AS}	57.1656
B _L	10.72
M _{MS}	188.7191
S _{EN}	85.68
RMS/MAX	200/400
MOUNTING DEPTH	5INCH
CUTOUT DIAM.	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.

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SEALED	
MINIMUM	1.0 CU FT
OPTIMUM	1.25 CU FT
PORTED	
MINIMUM	1.5 CU FT
PORT WxL	4INCH x 7INCH
F3 Hz	42.13
OPTIMUM	2.0 CU FT
PORT WxL	4INCH x 10.5INCH
F3 Hz	35.68

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