



SOUNDSTREAM

2013 *RUBICON*

SUBWOOFERS

RUB.102 RUB.104

RUB.122 RUB.124

RUB.152 RUB.154

Thank you for choosing **SOUNDSTREAM** 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 **SOUNDSTREAM** product reflects our commitment to offer you unparalleled performance and quality for years of dependable service and listening enjoyment.

## Features, Parameters, & Dimensions

Pressed Paper Pulp Cone  
Butyl-Rubber Surround  
2.0" 4-layer VC on Aluminum Former  
Nickel Plated 8ga. Compression Terminals

Poly-Cotton Suspension Spiders  
Vented T-Yoke Back-plate  
Woven Polypropylene Dust Cap  
Reference Blue Stamped Steel Basket

RUB-102 RUB-104 RUB-122 RUB-124 RUB-152 RUB-154

IMP.	D. 2OHM	D. 4OHM	D. 2OHM	D. 4OHM	D. 2OHM	D. 4OHM
RE	2.1876	4.0370	2.1543	4.0477	2.2162	4.1146
Fs (Hz)	28.30	32.86	21.69	24.13	22.33	22.66
QES	1.0591	1.1784	0.7645	0.8962	1.6304	1.1404
QMS	2.5699	4.1909	3.7782	3.1217	5.6687	3.3447
QTS	0.7500	0.9198	0.6359	0.6963	1.2662	0.8504
LE (MH)	0.7678	1.1611	0.7095	1.1121	0.7627	1.2266
DIAM	10INCH	10INCH	12INCH	12INCH	15INCH	15INCH
SD IN^2	78.5398	78.5398	113.0973	113.0973	176.7146	176.7146
VAS (L)	60.5335	119.4120	201.2519	157.2500	320.4872	326.0756
BL	8.3654	7.1181	8.8132	11.9677	7.4701	11.9778
MMS	90.5191	71.6184	202.178	209.0668	292.5135	279.2097
SEN	82.87	87.30	86.04	85.67	85.15	86.97
RMS/MAX	450	450	500	500	550	550
CUTOUT D.	9.6INCH	9.6INCH	11.6INCH	11.6INCH	14.5INCH	14.5INCH
MOUNT D.	6INCH	6INCH	6 5/8 INCH	6 5/8 INCH	7.25INCH	7.25INCH

## 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, **SOUNDSTREAM** recommends that your subwoofer be installed by an authorized **SOUNDSTREAM** 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	RUB-102/104	RUB-122/124	RUB-152/154
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	4"x10"	4"x4"	6"x4.5"
F3 (Hz)	50	48	41
OPTIMUM	1.5 CU FT	2.0 CU FT	3.0 CU FT
PORT WxL	4" x 7.5"	5" x 8.5"	6" x 2.7"
F3 (Hz)	43	39	34

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