

SOUNDSTREAM

2013

Picasso
SUBWOOFERS

PCO-8 PCO-10 PCO-12

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

Rubber Surround

2.0" 4-layer VC on Aluminum Former

Nickel Plated 8ga. Compression Terminals

Poly-Cotton Suspension Spider

Vented T-Yoke Back-plate

Polypropylene Molded Dust Cap

Textured Basket with Voice Coil Cooling

PCO-8

PCO-10

PCO-12

IMPEDANCE	4OHM	4OHM	4OHM
RE	4.0473	3.9753	4.0953
FS	43.92	29.68	32.07
QES	0.8606	0.6981	0.5749
QMS	4.9025	4.1628	3.9285
QTS	0.7321	0.5978	0.5015
LE (MH)	2.5446	2.3920	2.5441
DIAM	8INCH	10INCH	12INCH
SD	50.2655 IN ²	78.5398 IN ²	113.0973 IN ²
VAS (L)	38.1034	79.8825	175.5596
BL	8.1734	11.8511	14.0423
MMS	51.4638	133.2297	177.8864
SEN	87.49	86.41	88.42
RMS/MAX	240/600	360/900	500/1200
CUT DIAM	7.8INCH	9.6INCH	11.6INCH
MOUNT D.	4INCH	5INCH	6INCH

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	PCO-8	PCO-10	PCO-12
MIN	.45CU FT.	.75CU FT.	1.0CU FT
OPTIMUM	.75CU FT.	1.0CU FT.	1.25CU FT.
PORTED			
MIN	.75CU FT.	1.0CU FT.	1.5CU FT.
PORT WxL	4INCH X 7.5INCH	3INCH X 4.5INCH	5INCH X 4.5INCH
F3 (Hz)	53	48	55
OPTIMUM	1.0CU FT.	1.5CU FT.	1.75CU FT.
PORT WxL	4INCH X 6.35INCH	4INCH X 8.5INCH	5INCH X 4INCH
F3 (Hz)	42	39	42

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