

SPECIFICATIONS

Application: Ultra Slim Subwoofer

Basket Type: Rolled Steel

Cone: Ultra-Stiff Paper Composite

Dust Cap: 3D Molded Acrylic Dust Cap

Surround Style: Laminated Butyl Rubber

Magnet Weight: 3.125 lbs (50 oz)

2" Single 4 Ohm Aluminum Voice Coil

Impedance: 4 ohm

Peak/Program/RMS (CEA): 1200 Watts/600 Watts/300 Watts

Frequency Response: 36Hz – 500Hz

SPL @ 1w/1m: 90dB



TS PARAMETERS

4 Ohm

REVC: 3.6 Ohm

FO: 58.462 Hz

SD: 369.840 sqCM

BL: 11.487 TM

QMS: 6.805

QES: 0.813

QTS: 0.726

NO: 0.422%

SPLO: 90 dB

VAS: 17.749 Ltr

CMS: 91.379 uM/N

KRM: 8.184 m Ohm

ERM: 0.780

MMS: 81.105 g

MMD: 77.106 g

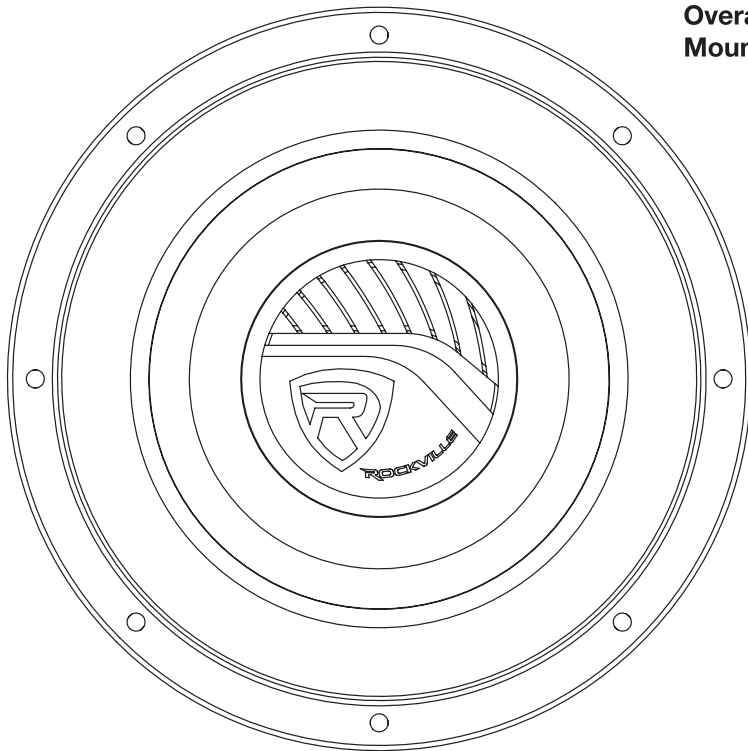
KXM: 42.902 m Ohm

EXM: 0.660

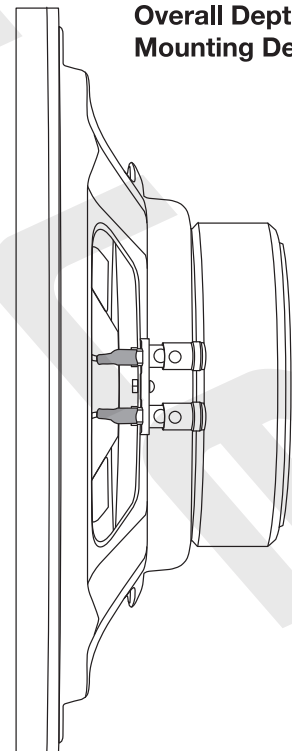
RECOMMENDED BOX DIMENSIONS

Sealed enclosure: 0.25 – 0.75 cu ft

Vented Enclosure: 0.75 – 1.00 cu ft @ 35Hz Tuning
0.5 – 1.00 cu ft @ 45Hz Tuning



Overall Diameter: 10.3"
Mounting Diameter: 9"



Overall Depth: 3.7"
Mounting Depth: 3.1"

WOOFER WIRING CONFIGURATIONS

Mono Block Amplifier Connections

Dual Voice Coil subwoofers have multiple wiring options that are available to you. You can create a final impedance load to match the final impedance load of your amplifier.

1 Ohm Stable

You can run a final impedance load of 1 ohm to take advantage of your amplifiers full power output. If you don't want to run your amplifier as hard and are OK with less power output, you may also run a final impedance load of 2 ohms.

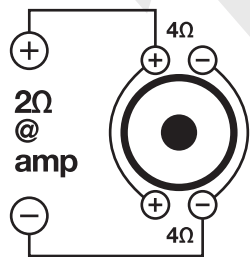
2 Ohm Stable

A 2 ohm stable amplifier can run the final impedance at 2 ohms to maximize the power output. The final impedance load can also be 4 ohms which will run your amplifier at cooler temperatures but provide you with less power.

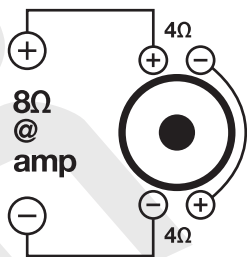
Multi-Channel Amplifier Connections

Most multi-channel amplifiers are 2 ohm stable per channel. So, if you run one or two subwoofers to one channel then be sure the final impedance load of the subwoofer(s) is 2 ohms or greater. If you bridge a multi-channel amplifier then it will be a 4 ohm stable minimum, which means you can only run a 4 ohm load or higher to the bridged output. If you run 2 ohms or less to the bridged output then your amplifier will burn out over time.

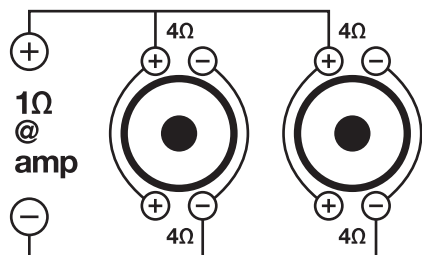
ONE 4Ω DVC WOOFER = 2Ω LOAD



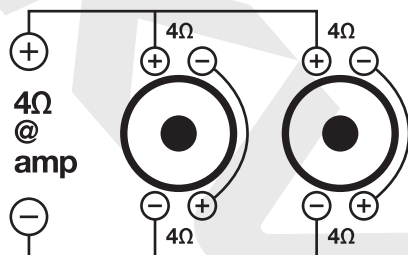
ONE 4Ω DVC WOOFER = 8Ω LOAD



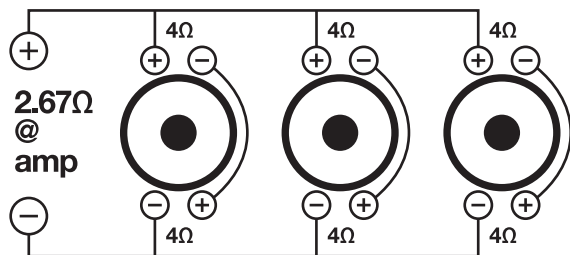
TWO 4Ω DVC WOOFERS = 1Ω LOAD



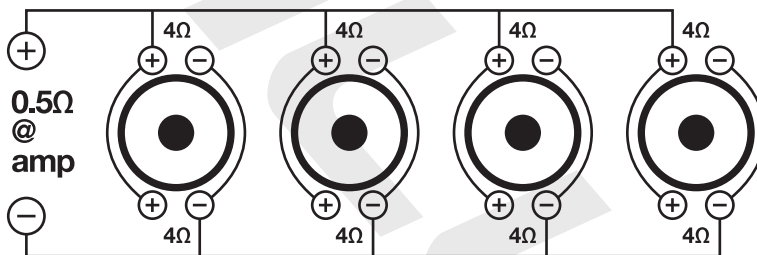
TWO 4Ω DVC WOOFERS = 4Ω LOAD



THREE 4Ω DVC WOOFERS = 2.67Ω LOAD

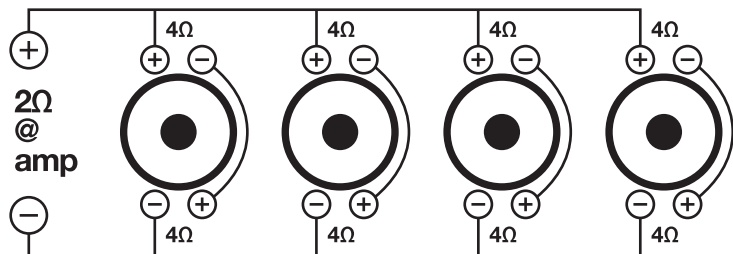


FOUR 4Ω DVC WOOFERS = 0.5Ω LOAD



THIS DIAGRAM IS NOT RECOMMENDED FOR ROCKVILLE AMPLIFIERS

FOUR 4Ω DVC WOOFERS = 2Ω LOAD



FOUR 4Ω DVC WOOFERS = 8Ω LOAD

