

ROCKVILLE

W12 T4_{SL}

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 2 Ohm Aluminum Voice Coil

Impedance: 2 ohm

Peak/Program/RMS (CEA): 1400 Watts/700 Watts/350 Watts

Frequency Response: 34Hz – 500Hz

SPL @ 1w/1m: 90.6dB



TS PARAMETERS

2 Ohm

RMSE (free): 0.62 Ohms

RMSE (load): 0.41 Ohms

Fs: 36.97 Hz

Re: 2.14 Ohms

Res: 22.06 Ohms

QMS: 7.86

QES: 0.76

QTS: 0.70

L1: 1.11 mH

L2: 1.48 mH

R2: 5.71 Ohms

VAS: 61.15 Liters

MMS: 129.50 Grams

CMS: 143 μ M/Newton

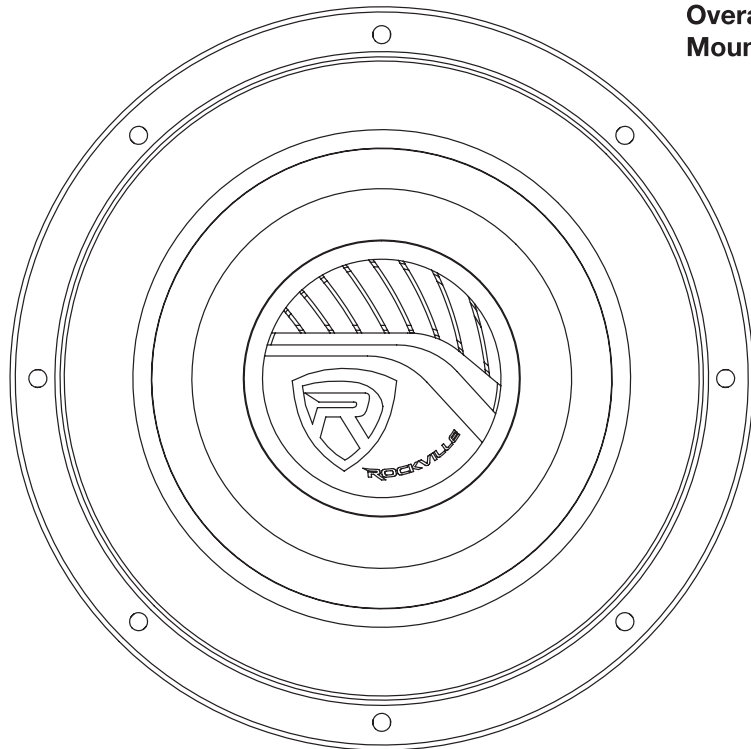
Bl: 9.19 Tesla-M

SPL: 90.6 dB

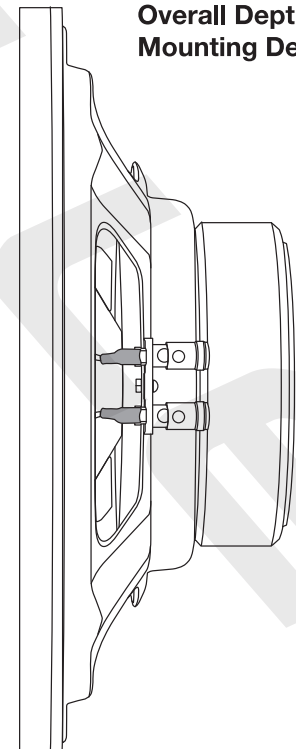
RECOMMENDED BOX DIMENSIONS

Sealed enclosure: 0.67 – 1.7 cu ft

Vented Enclosure: 1.00 – 2.00 cu ft



Overall Diameter: 12.51"
Mounting Diameter: 11.57"



Overall Depth: 4.33"
Mounting Depth: 3.7"

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.

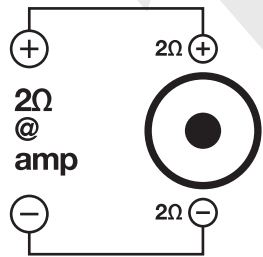
2 Ohm Stable

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.

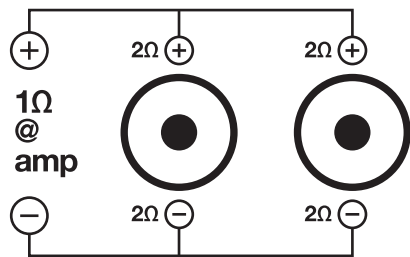
Multi-Channel Amplifier Connections

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 ohm or less to the bridged output then your amplifier will burn out over time.

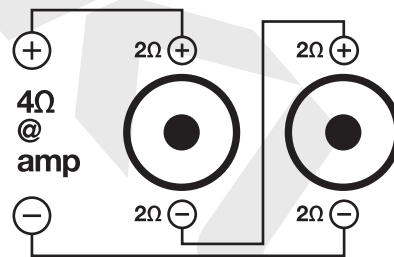
ONE 2Ω SVC WOOFER = 2Ω LOAD



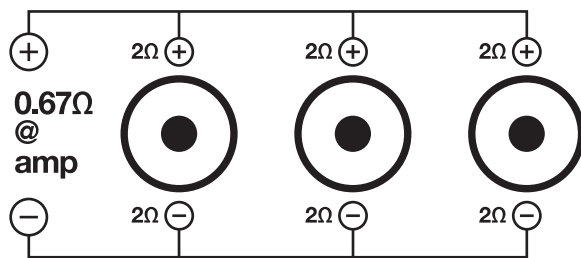
TWO 2Ω SVC WOOFERS = 1Ω LOAD



TWO 2Ω SVC WOOFERS = 4Ω LOAD

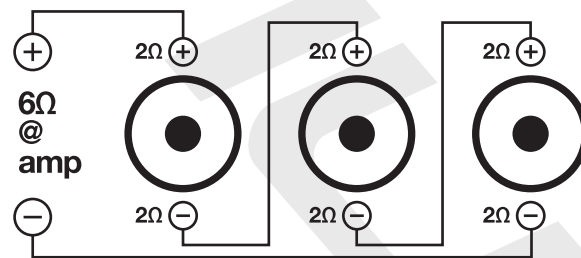


THREE 2Ω SVC WOOFERS = 0.67Ω LOAD

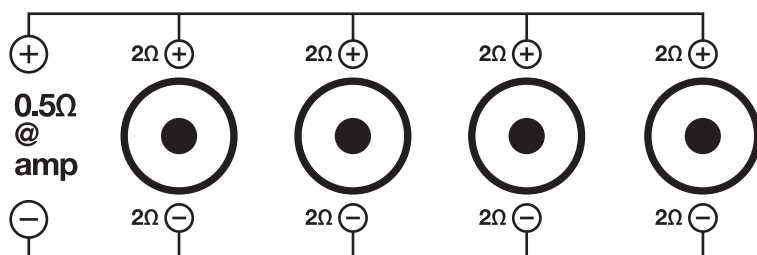


THIS DIAGRAM IS NOT RECOMMENDED FOR ROCKVILLE AMPLIFIERS

THREE 2Ω SVC WOOFERS = 6Ω LOAD



FOUR 2Ω SVC WOOFERS = 0.5Ω LOAD



THIS DIAGRAM IS NOT RECOMMENDED FOR ROCKVILLE AMPLIFIERS

FOUR 2Ω SVC WOOFERS = 2Ω LOAD

