

SPECIFICATIONS

Application: Subwoofer

Basket Type: Cast iron with black sanded finish

Cone: Ultra stiff black non-pressed paper cone

Dust Cap: Polypropylene dust cap

Surround Style: High density thick stitched foam

Magnet Weight: 60 oz

2.5" Single 4-Ohm 4-Layer Black Aluminum Voice Coil

Impedance: 4 ohm

CEA / RMS / Peak Watts: 500 / 1000 / 2000

Frequency Response: 28.6Hz – 1KHz

TECHINICAL DATA

Cut-out Diameter: 13.93" (354mm)

Mounting Depth: 5.98" (151.89mm)

Gap Plate Inside Diameter: 3.34" (85mm)

Gap Plate Outside Diameter: 6.69" (170mm)

Gap Plate Thickness: 0.98" (25mm)

Yoke Outside Diameter: 6.14" (156mm)

Yoke Pole Diameter: 2.4" (60mm)

Yoke Thickness: 0.23" (6mm)

Washer Diameter: 0.23" (6mm)

Weight: 13.4 lbs

RECOMMENDED BOX DIMENSIONS

Sealed enclosure: 1.5 – 1.5 cubic feet

Vented Enclosure: 2.3 – 3.5 cubic feet

W15K5S4

15" 4-OHM SVC SUBWOOFER

2000W

PEAK POWER

TS PARAMETERS

- Re: 3.52 Ohm
- Le: 1.241mH
- L2: 2.098mH
- R2: 19.56 Ohm
- Cmes: 927.52 μ F
- Lces: 24.93mH
- Res: 31.48 Ohm
- fs: 36.08Hz
- Mms: 130.02g
- Mmd (Sd): 197.293g
- Rms: 5.894kg/s
- Cms: 0.117mm/N
- Kms: 8.53N/mm
- Bl: 14.582N/A
- Lambda s: 0.002
- Qtp: 0.621
- Qms: 6.959
- Qes: 0.68
- Qts: 0.619
- Vas: 107.3239l (3.79 cu ft)
- n0: 0.55%
- Lm: 89.61dB
- Lnom: 90.16dB
- Sd: 804.25cm²
- rmse Z: 5.29%
- rmse Hx: 2.68%
- xmax: 8mm

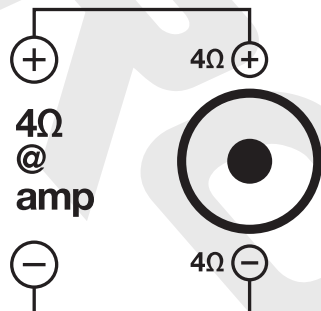
WOOFER WIRING CONFIGURATIONS

Use the diagrams below to determine which amplifier is best compatible with your subwoofers, and to determine the best way to wire your subwoofers to your amplifier.

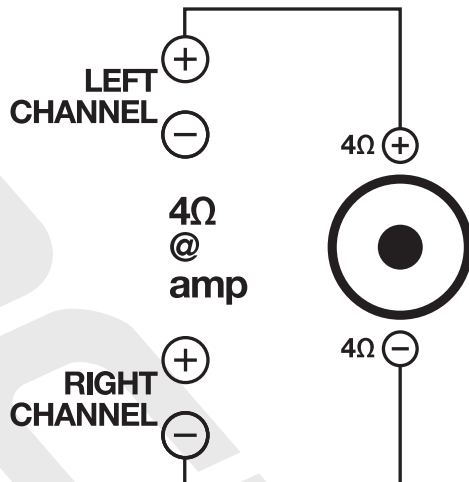
ONE 4Ω SVC WOOFER

Wiring one SVC sub to an amp is the most basic type of wiring. The best option is to always match the exact impedance of the sub to the exact impedance the amp is stable at. For a SVC 4-ohm sub, we recommend that you wire it to a 2-ohm stable mono amp or you can use a 2-channel amp that is stable at 4 ohms when bridged.

WIRED TO A 2-OHM STABLE MONO AMPLIFIER



WIRED TO A 2-OHM STABLE 2-CHANNEL AMPLIFIER BRIDGED AT 4 OHMS



TWO 4Ω SVC WOOFERS

The best way to wire two SVC 4-ohm subs is to run them in parallel, bringing the load down to 2 ohm. You can use a mono amplifier that is stable at 1 ohm or 2 ohms without a problem.

WIRED IN PARALLEL TO A 1-OHM OR 2-OHM STABLE MONO AMPLIFIER

