# ROCKVILLE DESTROYER 15D2

# 2000W RMS CEA RATED

## SPECIFICATIONS

**Application:** Subwoofer

**Basket Type:** Cast aluminum with black sanded finish
**Cone:** Ultra stiff black non-pressed paper cone
**Dust Cap:** Paper dust cap
**Surround Style:** High density thick stitched foam
**Magnet Weight:** 18.75 lbs
**3″ Dual 2 ohm 4 Layer Black Aluminum Voice Coil**

**Impedance:** 2 ohm
**CEA / RMS / Peak Watts:** 2000 / 4000 / 8000
**Frequency Response:** 33Hz – 1.5KHz

## TECHINCAL DATA

**Cut-out Diameter:** 14.76″ (374.9mm)
**Mounting Depth:** 9.76″ (247.9mm)
**Gap Plate Inside Diameter:** 3.37″ (85.5mm)
**Gap Plate Outside Diameter:** 8.27″ (210mm)
**Gap Plate Thickness:** 0.59″ (15mm)
**Yoke Outside Diameter:** 8.27″ (210mm)
**Yoke Pole Diameter:** 2.91″ (73.9mm)
**Yoke Thickness:** 0.98″ (25mm)
**Washer Diameter:** 0.6″ (15mm)
**Weight:** 52.92 lbs

## RECOMMENDED BOX DIMENSIONS

**Sealed enclosure:** 2.02 – 2.47 cubic feet
**Vented Enclosure:** 3.16 – 4.41 cubic feet

USA MADE VOICE COILS

COMPETITION SPL APPROVED

HANDLES OVER THE RATED POWER

## TS PARAMETERS

- Revc: 3.60 Ohm
- Fo: 36.421 Hz
- Sd: 77.931 mM
- Md: 350.000 g
- BL: 20.075 T
- Qms: 3.388
- Qes: 0.616
- Qts: 0.521
- No: 0.415%
- SPLo: 88.2 dB
- Vas: 54.668 Ltr
- Cms: 63.391 mm/N
- Krm: 14.985m Ohm
- Erm: 0.778
- Mms: 301.232 g
- Mmd: 288.723m Kg
- Kxm: 140.297m H
- Exm: 0.550

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DESIGNED AND ENGINEERED IN THE USA, MANUFACTURED IN CHINA.

# 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.

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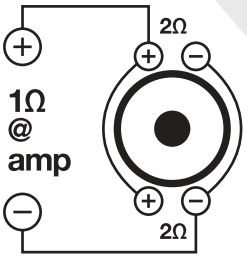
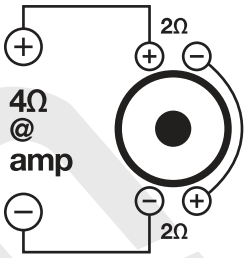
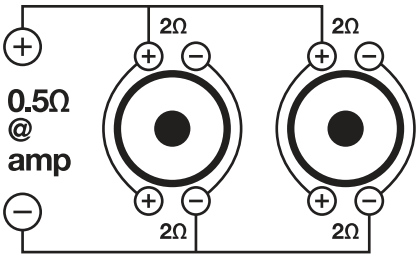
**ONE 2Ω DVC WOOFER = 1Ω LOAD**




**ONE 2Ω DVC WOOFER = 4Ω LOAD**

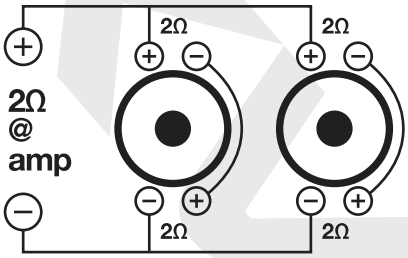



**TWO 2Ω DVC WOOFERS = 0.5Ω LOAD**

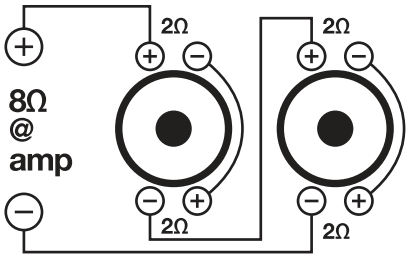



**THIS DIAGRAM IS NOT RECOMMENDED FOR ROCKVILLE AMPLIFIERS**

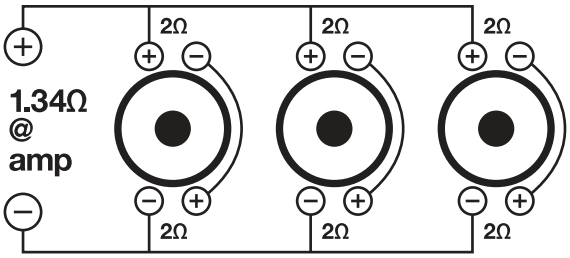
**TWO 2Ω DVC WOOFERS = 2Ω LOAD**



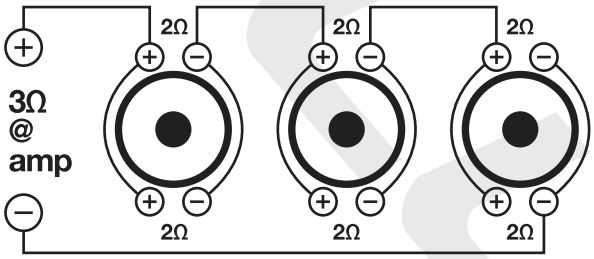

**TWO 2Ω DVC WOOFERS = 8Ω LOAD**



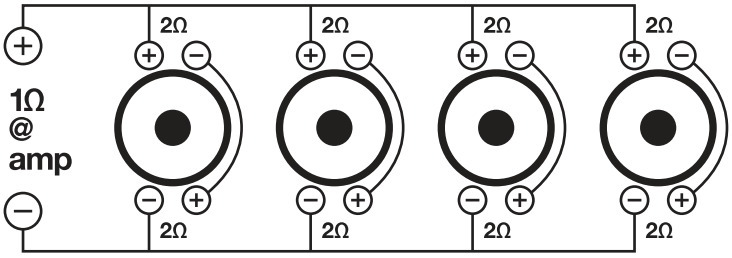

**THREE 2Ω DVC WOOFERS = 1.34Ω LOAD**




**THREE 2Ω DVC WOOFERS = 3Ω LOAD**




**FOUR 2Ω DVC WOOFERS = 1Ω LOAD**




**FOUR 2Ω DVC WOOFERS = 4Ω LOAD**