

Better Bass Woofer Wiring



1 dvc sub with voice coils in series

2 voice coils connected in series (+ to -) results in the following impedances:

Dual 4 Ohm subwoofer: 8 Ohm
 Dual 2 Ohm subwoofer: 4 Ohm
 Dual 1 Ohm subwoofer: 2 Ohm



1 dvc sub with voice coils in parallel

2 voice coils connected in parallel (+ to + & - to -) results in the following impedances:

Dual 4 Ohm subwoofer: 2 Ohm
 Dual 2 Ohm subwoofer: 1 Ohm
 Dual 1 Ohm subwoofer: 0.5 Ohm



2 dvc subs with voice coils in series / parallel

2 voice coils of each sub connected in series (+ to -) and the subs themselves in parallel (+ to + & - to -) results in the following impedances:

Dual 4 Ohm subwoofers: 4 Ohm
 Dual 2 Ohm subwoofers: 2 Ohm
 Dual 1 Ohm subwoofers: 1 Ohm



2 dvc subs with voice coils in parallel / parallel

2 voice coils of each sub connected in parallel (+ to + & - to -) and the subs themselves in parallel (+ to + & - to -) results in the following impedances:

Dual 4 Ohm subwoofers: 1 Ohm
 Dual 2 Ohm subwoofers: 0.5 Ohm
 Dual 1 Ohm subwoofers: 0.25 Ohm



3 dvc subs with voice coils in series / parallel

2 voice coils of each sub connected in series (+ to -) and the subs themselves in parallel (+ to + & - to -) results in the following impedances:

Dual 4 Ohm subwoofers: 2.67 Ohm
 Dual 2 Ohm subwoofers: 1.33 Ohm
 Dual 1 Ohm subwoofers: 0.67 Ohm



3 dvc subs with voice coils in parallel / parallel

2 voice coils of each sub connected in parallel (+ to + & - to -) and the subs themselves in parallel (+ to + & - to -) results in the following impedances:

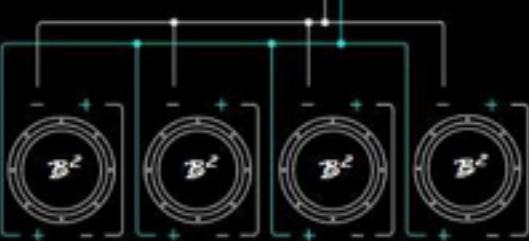
Dual 4 Ohm subwoofers: 0.67 Ohm
 Dual 2 Ohm subwoofers: 0.33 Ohm
 Dual 1 Ohm subwoofers: 0.167 Ohm



4 dvc subs with voice coils in series / parallel

2 voice coils of each sub connected in series (+ to -) and the subs themselves in parallel (+ to + & - to -) results in the following impedances:

Dual 4 Ohm subwoofers: 2 Ohm
 Dual 2 Ohm subwoofers: 1 Ohm
 Dual 1 Ohm subwoofers: 0.5 Ohm



4 dvc subs with voice coils in parallel / parallel

2 voice coils of each sub connected in parallel (+ to + & - to -) and the subs themselves in parallel (+ to + & - to -) results in the following impedances:

Dual 4 Ohm subwoofers: 0.5 Ohm
 Dual 2 Ohm subwoofers: 0.25 Ohm
 Dual 1 Ohm subwoofers: 0.125 Ohm

