

# AUDIO LABS®



**ADL-SW80S**  
**ADL-SW100S**  
**ADL-SW120S**



**LOUD SOUND**  
TECHNOLOGY



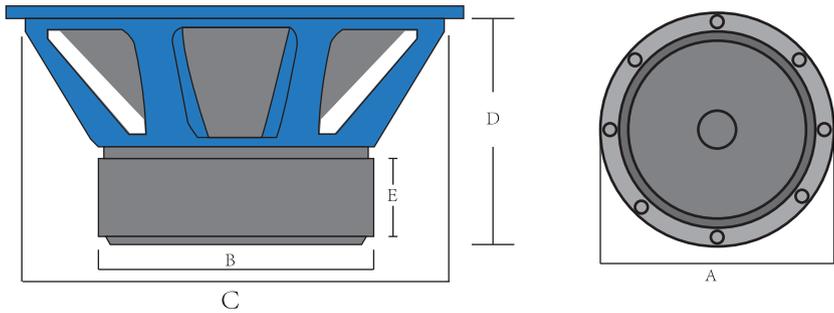
**Congratulations!** Thank you for choosing Audio Labs. We are proud to introduce these exciting new lines of outstanding performance products. Our engineering team utilizes innovative technology to bring you the absolute best performance, sound quality, reliability and value.

**Warning:** Audio Labs speakers subwoofers are capable of producing your hearing! Turning up a system a level that has audible distortion is more damaging to your ears than listening to an un-distorted system at the same volume level. The threshold of pain is indicator that the sound level is too loud and may damage your hearing. Please use common sense when controlling volume.

# Thiele Small Parameters

	ADL-SW80S	ADL-SW100S	ADL-SW120S
Vas(Ltr)	7.954	27.733	44.673
Fo(Hz)	41.181	30.532	32.177
Qms	4.620	3.820	4.545
Qes	0.442	0.372	0.526
Qts	0.404	0.339	0.472
BL(T/M)	20.778	22.572	22.504
Spl(dB)	82.9	85.1	86.4
Cms(uM/N)	145.704	175.816	118.744
Mms(g)	102.512	154.547	206.029

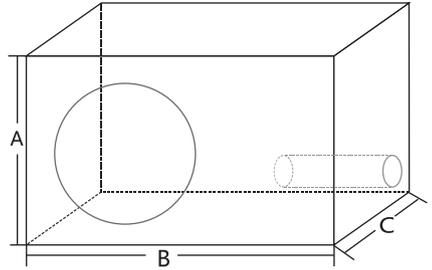
## Mounting Size



	A	B	C	D	E
ADL-SW80S	210 mm	146 mm	190 mm	131 mm	40 mm
ADL-SW100S	260 mm	156 mm	230 mm	133 mm	40 mm
ADL-SW120S	312 mm	156 mm	276 mm	150 mm	40 mm

# Ported Enclosure(Inner size)

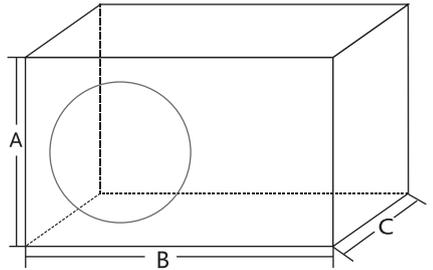
	A	B	C
ADL-SW8OS	210 mm	360 mm	205 mm
ADL-SW10OS	330 mm	320 mm	265 mm
ADL-SW12OS	310 mm	385 mm	325 mm



	ADL-SW8OS	ADL-SW10OS	ADL-SW12OS
Fb(Tunning Hz)	42 Hz	38 Hz	35 Hz
Port Inner OD	50 mm	75 mm	75 mm
Port Length	200 mm	270 mm	270 mm

# Sealed Enclosure(Inner size)

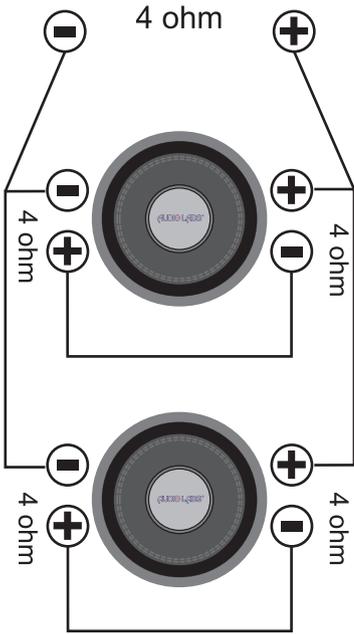
	A	B	C
ADL-SW8 OS	210 mm	220 mm	350 mm
ADL-SW10 OS	270 mm	330 mm	340 mm
ADL-SW12 OS	310 mm	310 mm	325 mm



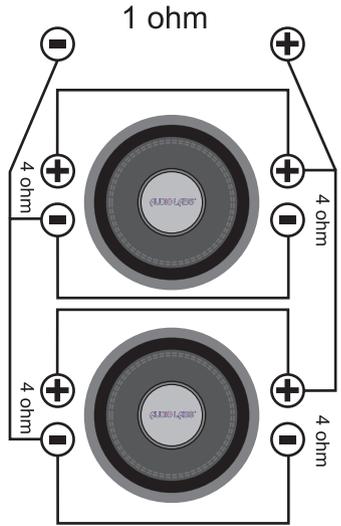
\*Ps:The above dimensions are recommended for your reference\*

# Wire Connection

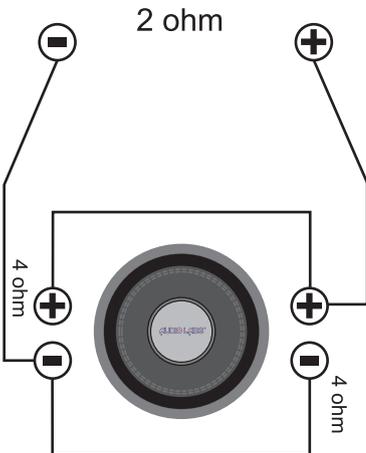
Two 4 ohm DVC Speakers= 4 ohm load



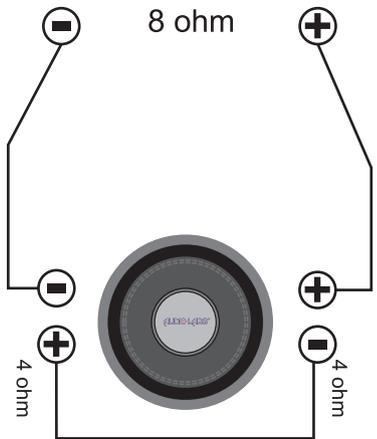
Two 4 ohm DVC Speakers= 1 ohm load



One 4 ohm DVC Speakers= 2 ohm load



One 4 ohm DVC Speakers= 8 ohm load



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