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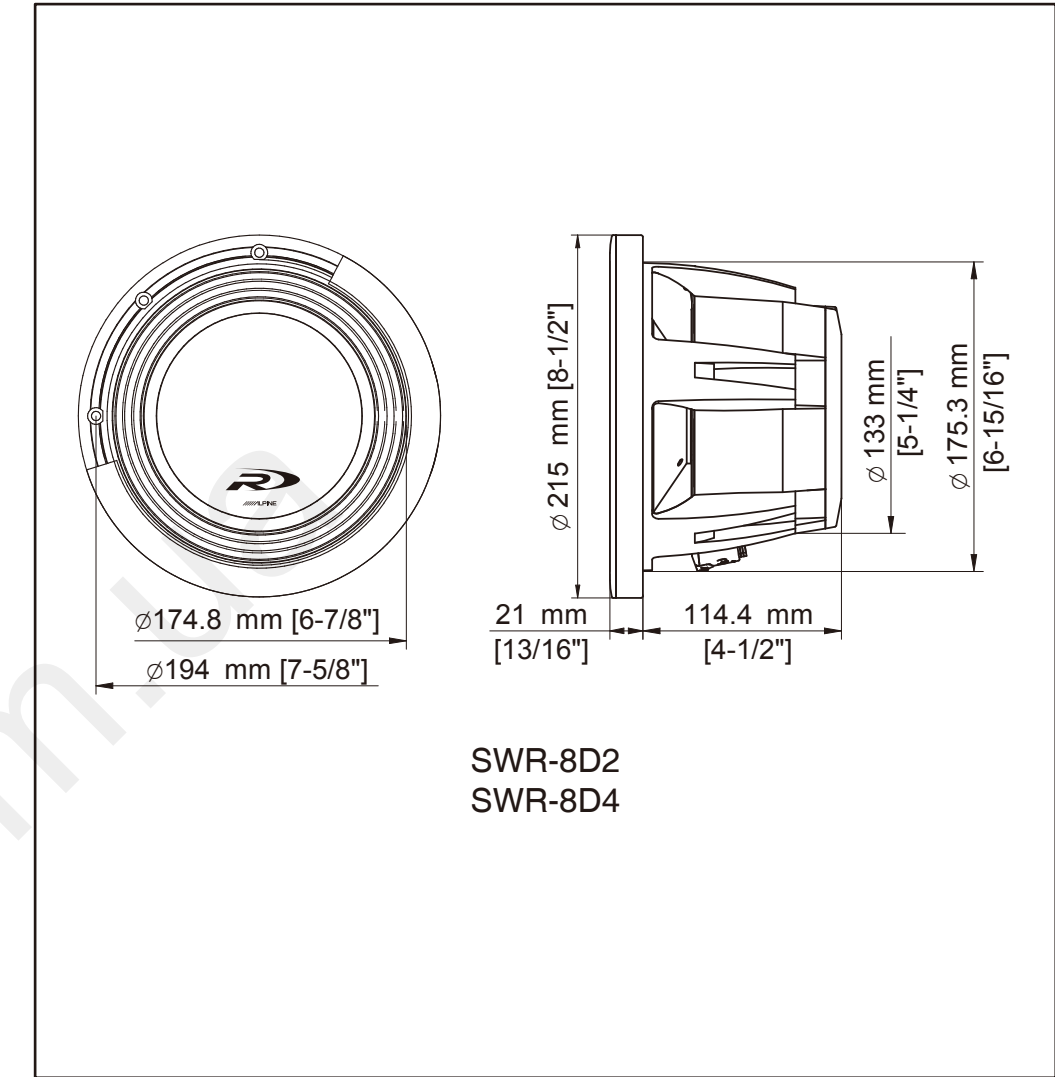
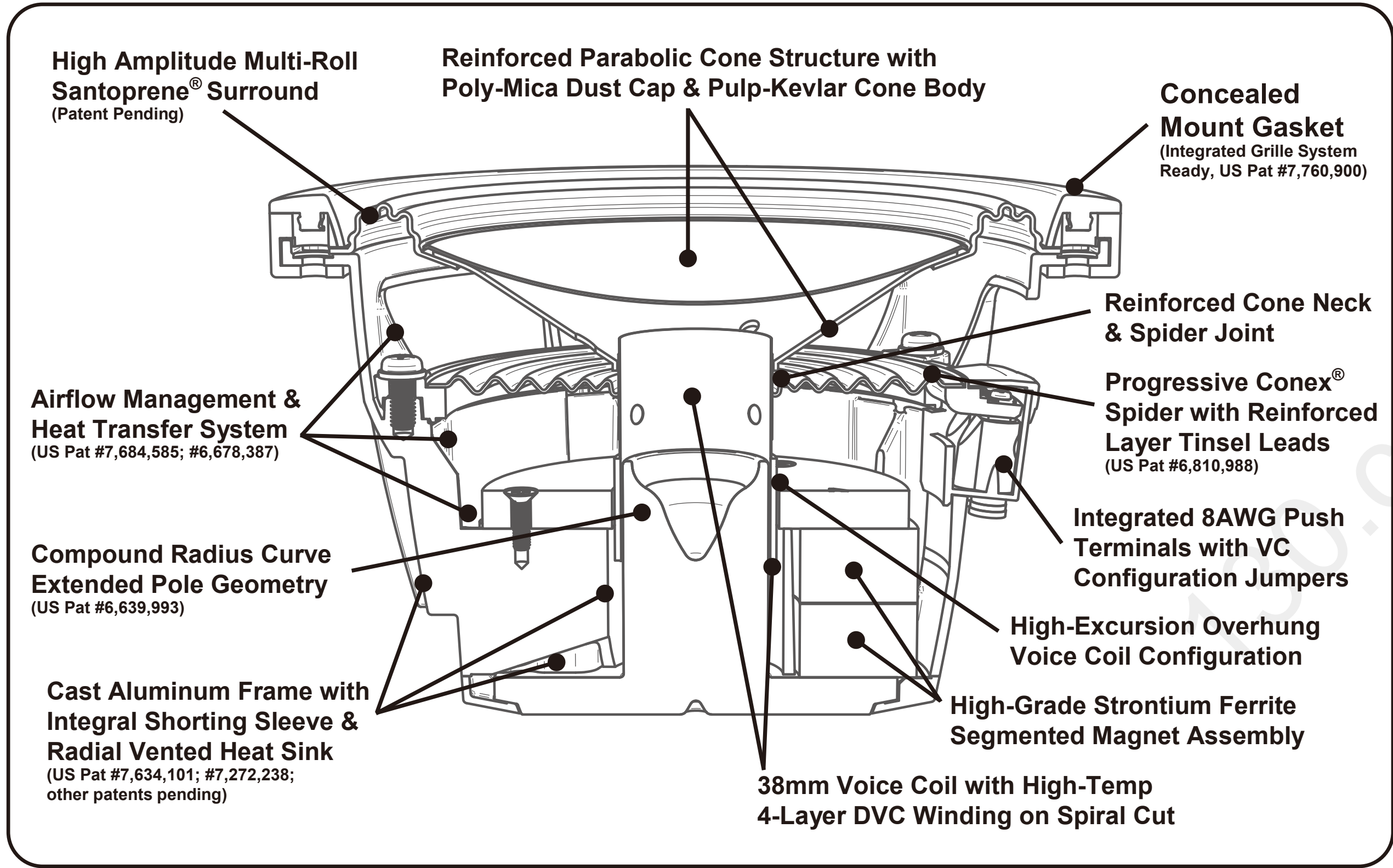
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CAR RECEIVERS — Receivers • Media receivers and stations • Native receivers • CD/DVD changers • FM-modulators/USB adapters • Flash memory • Facia plates and adapters • Antennas • Accessories |
 CAR AUDIO — Car audio speakers • Amplifiers • Subwoofers • Processors • Crossovers • Headphones • Accessories | TRIP COMPUTERS — Universal computers • Model computers • Accessories |
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TYPE-R SUBWOOFER HAUT-PARLEUR D'EXTRÊMES GRAVES TYPE-R APPLICATION GUIDE GUIDE D' APPLICATION

SWR-8D4

8 Inch Dual Voice Coil Subwoofer (4 Ω)+(4 Ω)
Haut-parleur d'extrêmes graves à double bobine 8 po (4 Ω)+(4 Ω)

SWR-8D2

8 Inch Dual Voice Coil Subwoofer (2 Ω)+(2 Ω)
Haut-parleur d'extrêmes graves à double bobine 8 po (2 Ω)+(2 Ω)

Ggneral Specifications		
Sealed	Taille	
Frequency Response	Response en Fréquence	
Power Range	Plage de Puissance	
Power Handling	Puissance Admissible	
Magnet Weight	Poids de l'aimant	
Voice Coil Diameter	Diamètre de la bobine	
Thiel-Small Parameters		
Sensitivity (1W/1m)	Sensibilité (1W/1m)	SPL
DC Resistance	Résistance CC	Re
Inductance	Inductance	Le
Free Air Resonance	Résonance à l'air libre	Fs
Equivalent Stiffness	Raiduer équivalente	Vas
Mechanical Q	Q Mécanique	Qms
Electrical Q	Q Électrique	Qes
Total Q	Q Total	Qts
Cone Area	Surface du diaphragme	Sd
Linear Excursion	Displacement Linéaire	Xmax (1-way)
Mechanical Travel	Déplacement Mécanique	Xmech (P-P)

Note: Specifications subject to change without notice

Type-R	
SWR-8D2	SWR-8D4
2 Ω+2 Ω	4 Ω+4 Ω
8"	
30 Hz-200 Hz	
150 W-350 W RMS (efficace)	
350 W RMS (efficace) / 1000 W PEAK (de crête)	
52 oz	
40 mm (1.6")	
83.5 dB	
1.85 Ω+1.85 Ω	3.7 Ω+3.7 Ω
-----	-----
40 Hz	42 Hz
10.5 L (0.37 ft³)	10.3 L (0.36 ft³)
7.2	6.8
0.54	0.62
0.50	0.57
201 cm²	
12 mm	
52 mm	

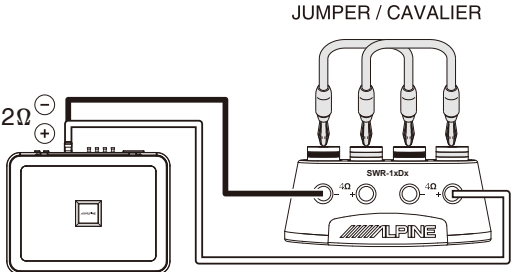
APPLICATION DIAGRAMS

ALPINE

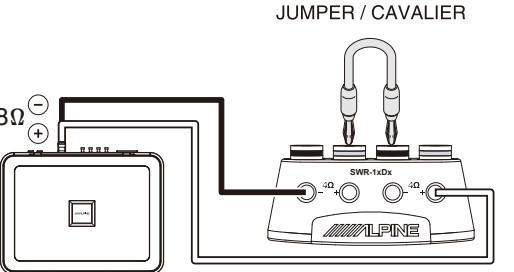
4Ω + 4Ω

Example 1 One Amplifier + One Subwoofer

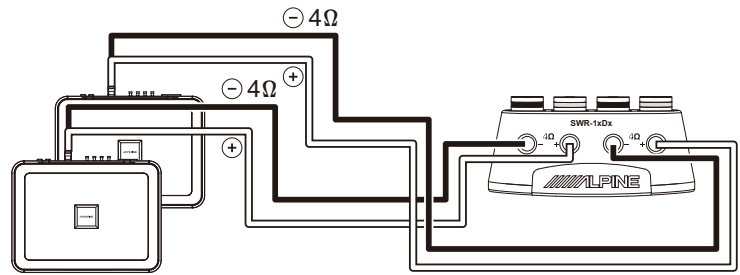
JUMPER / CAVALIER



JUMPER / CAVALIER

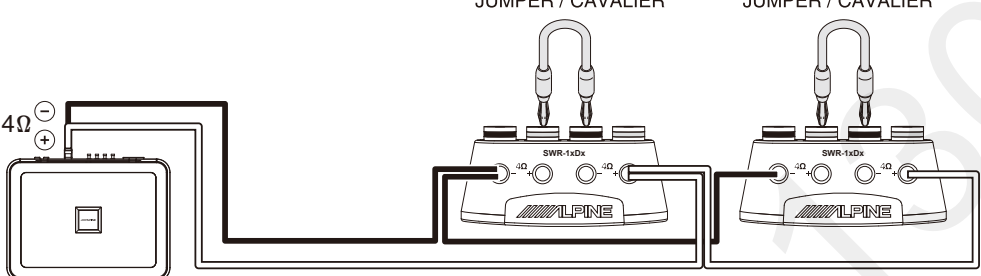


Example 3 Two Amplifiers + One Subwoofer



Example 5 One Amplifier + Two Subwoofers

JUMPER / CAVALIER



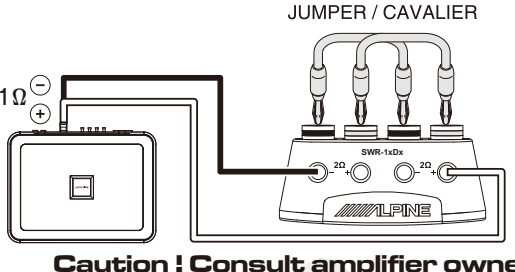
JUMPER / CAVALIER

2Ω + 2Ω

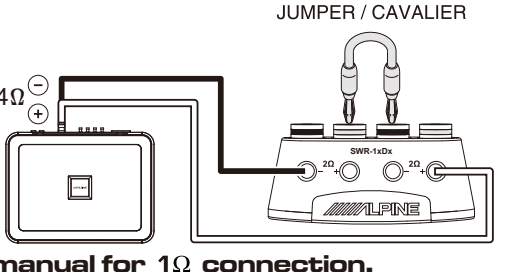
SWR-8D2 / SWR-8D4

Example 2 One Amplifier + One Subwoofer

JUMPER / CAVALIER

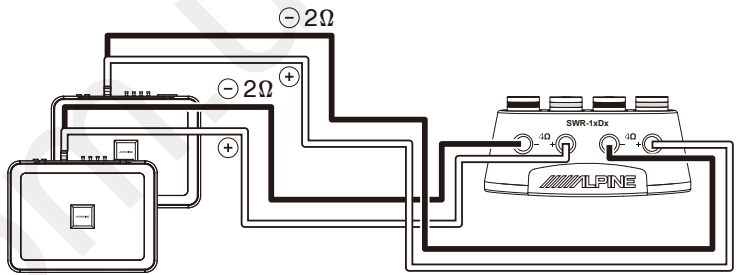


JUMPER / CAVALIER



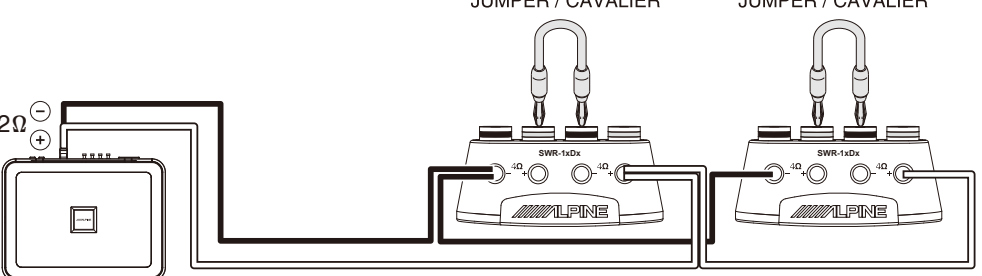
Caution ! Consult amplifier owner's manual for 1Ω connection.
Attention : lire le manuel de l'amplificateur pour la connexion à 1Ω .

Example 4 Two Amplifiers + One Subwoofer



Example 6 One Amplifier and Two Subwoofers

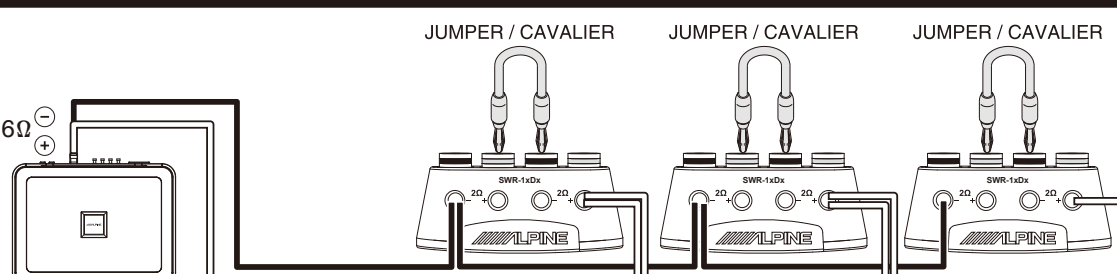
JUMPER / CAVALIER



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Example 7 One Amplifier + Three Subwoofers

JUMPER / CAVALIER

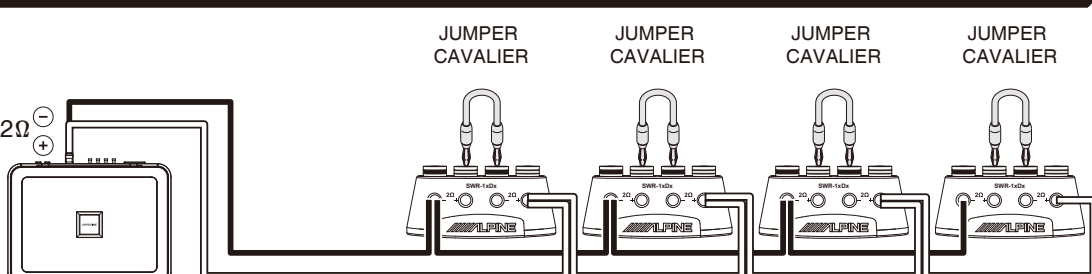


JUMPER / CAVALIER

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Example 8 One Amplifier + Four Subwoofers

JUMPER CAVALIER



JUMPER CAVALIER

JUMPER CAVALIER

JUMPER CAVALIER

JUMPER CAVALIER

TYPE-R WIRING WORKSHEET
CÂBLAGE POUR TYPE-R

		SWR-8D2/D4
Sealed Box Range	Net Internal Volume	0.15-0.50 ft³
Recommended Sealed Box	External Box Dimensions	13" x 13" x 5.5"
	Gross Internal Volume	0.30 ft³
	Net Internal Volume	0.25 ft³
	F3, Qtc	D2: 59 Hz, 0.72 D4: 59 Hz, 0.72
Vented Box Range	Net Internal Volume	0.25-0.7 ft³
	Tuning	36-40 Hz
Recommended Vented Box	External Box Dimensions	11" x 8.5" x 20"
	Gross Internal Volume	0.70 ft³
	Aire de l'évent (dimensions)	5.25 in² (7" x 0.75")
	Vent Length	15.5"
	Vent Displacement	0.10 ft³
	Net Internal Volume (Vb)	0.55 ft³
	F3, ripple, Fb	D2: 32 Hz, 2 dB, 37 Hz D4: 32 Hz, 2 dB, 37 Hz

Notes:
1) Recommended enclosure net internal volume is based upon 3/4" (19mm) MDF enclosure construction.
2) Consult the table below for alternative enclosure net internal volume calculation.

Front Mount Displacement* (magnet in)	-0.050 ft³
Reverse Mount Added Volume* (magnet out)	+0.035 ft³

*Based upon 3/4" (19mm) baffle thickness, with opening cut approximately to gasket inner diameter

		SWR-8D2/D4
Gamme Box Sealed	Net volume interne	0.15-0.50 pi³
recommended Boîte Scellé	Dimensions de la boîte extérieures	13 po x 13 po x 5.5 po
	Volume intérieur brut	0.30 pi³
	Volume intérieur Net ***	0.25 pi³
	F3, Qtc	D2: 59 Hz, 0.72 D4: 59 Hz, 0.72
Gamme charge bass-reflex	Volume net interne	0.25-0.7 pi³
	mise au point	36-40 Hz
recommended charge bass-reflex	Dimensions extérieures	11 po x 8.5 po x 20 po
	Volume intérieur brut	0.70 pi³
	Aire de l'évent (dimensions)	5.25 in² (7 po x 0.75 po)
	Longueur de l'évent	15.5 po
	déplacement de l'évent	0.10 pi³
	Volume intérieur Net (Vb)***	0.55 pi³
	F3, crête, Fb	D2: 32 Hz, 2 dB, 37 Hz D4: 32 Hz, 2 dB, 37 Hz

Notes:
1) Recommandé enceinte volume net interne est basée sur 3/4 "(19mm) de construction boîtier en MDF.
2) Consulter le tableau ci-dessous pour le calcul de filet d'enclos alternative volume interne.

Avant le déplacement du Mont * (aimant)	-0.050 pi³
Inverser Volume mont Ajouté * (des aimants)	+0.035 pi³

* Sur la base de l'épaisseur du déflecteur 3/4" (19mm), avec une ouverture coupée à peu près à joint diamètre intérieur