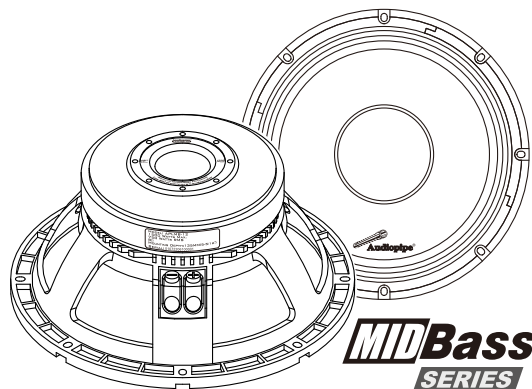


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User's Manual



APLMB-8/10/12
APLMB-12-VC4

Low Mid Frequency Loudspeaker
Altavoz de Media/Baja Frecuencia

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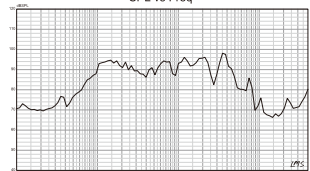
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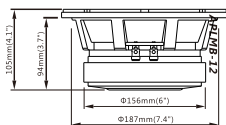
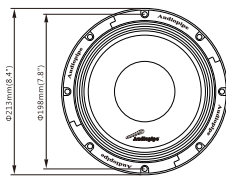
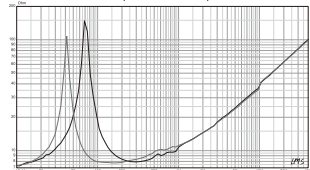
APLMB-8/10/12/12-VC4

APLMB-8

SPL vs Freq

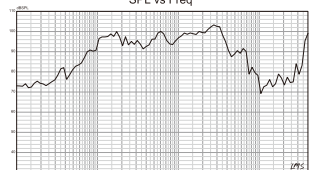


Impedance vs Freq

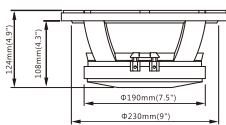
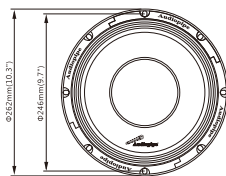
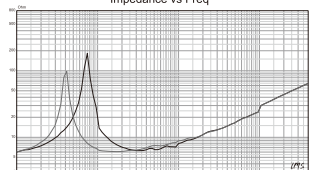


APLMB-10

SPL vs Freq



Impedance vs Freq



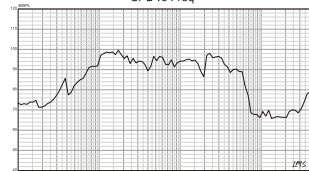
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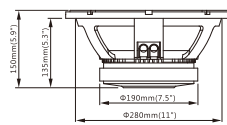
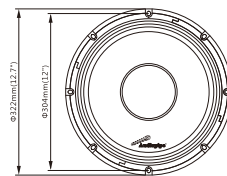
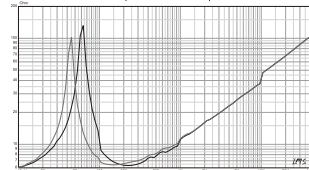
APLMB-8/10/12/12-VC4

APLMB-12

SPL vs Freq

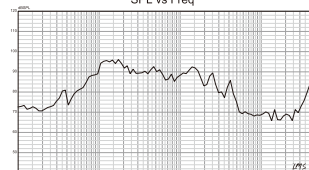


Impedance vs Freq

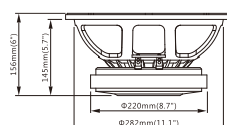
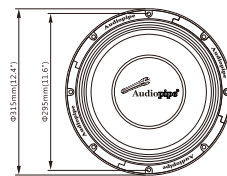
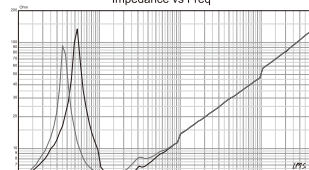


APLMB-12-VC4

SPL vs Freq



Impedance vs Freq



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APLMB-8/10/12/12-VC4

SPECIFICATIONS / ESPECIFICACIONES	APLMB-8	APLMB-10	APLMB-12	APLMB-12-VC4
Nominal Diameter / Diámetro nominal	8" / 203mm	10" / 254mm	12" / 305mm	12" / 305mm
Nominal Impedance / Impedancia nominal	8 ohms	8 ohms	8 ohms	8 ohms
RMS Power Handling / Potencia RMS	400 Watts	500 Watts	750 Watts	900 Watts
MAX Power Handling / Potencia máxima	800 Watts	1000 Watts	1500 Watts	1800 Watts
Sensitivity (1w/1m) / Sensitividad(1w/1m)	91 dB	95 dB	94 dB	94 dB
Frequency Response / Respuesta de Frecuencia	65Hz-8,000Hz	60Hz-7,000Hz	55Hz-6,000Hz	45Hz-5,000Hz
Pair or Single / Par o Individual	Single/Individual	Single/Individual	Single/Individual	Single/Individual
Voice Coil Diameter / Diámetro de la bobina	3" / 76 mm	3" / 76 mm	3.3" / 85 mm	4" / 100 mm
Voice Coil Former Material / Material de la bobina	TIL	TIL	TIL	TIL
Winding Material / Material del bobinado	CCAW	CCAW	CCAW	EISV
Cone Material / Material del cono	Paper / Papel	Paper / Papel	Paper / Papel	Paper / Papel
Surround Material / Material envolvente	Cloth / Tela	Cloth / Tela	Cloth / Tela	Cloth / Tela
Basket Material / Material de la cesta	Aluminum/Aluminio	Aluminum/Aluminio	Aluminum/Aluminio	Aluminum/Aluminio
Magnet Material / Material del imán	Ferrite / Ferrita	Ferrite / Ferrita	Ferrite / Ferrita	Ferrite / Ferrita
Magnet Weight / Peso del imán	60 Oz	75 Oz	95 Oz	125 Oz

THIELE & SMALL PARAMETERS / PEQUEÑOS PARÁMETROS:

	Vas	11 L / 0.4 ft3	20 L / 0.7 ft3	38 L / 1.3 ft3	41 L / 1.4 ft3
Equivalent Volume / Volumen equivalente					
Excursion (one way) / Viaje (solo ida)	Xmax	3mm	0.3mm	4.5mm	3.5mm
Free Air Resonance / Resonancia de aire libre	Fs	68Hz	68Hz	58Hz	50Hz
Mechanical Factor / Factor mecánico	Qms	3.5	4.0	3.1	3.6
Electrical Factor / Factor eléctrico	Qes	0.51	0.4	0.47	0.31
Total Factor / Factor total	Qts	0.45	0.36	0.42	0.3
Mechanical Mass / Masa mecánica	Mms	29g	47g	78g	98g
Mechanical Compliance / Conformidad mecánica	Cms	185um/N	115um/N	96um/N	103um/N
BL Factor / Factor BL	BL	12	16	17.5	19
Voice Coil Inductance / Inductancia de bobina	Le	0.44 mH	0.3 mH	0.5 mH	0.62 mH
Cone Area / Área del cono	Sd	204 Cm2	346 Cm2	530 Cm2	530 Cm2
DC Resistance / Resistencia CC	Re	6.3 ohms	5.0 ohms	5.1 ohms	3.6 ohms
Mechanical Mass w/o Air / Masa mecánica sin aire	Mmd	27g	44g	65g	84g

SPEAKER MEASUREMENTS / MEDIDAS DE ALTAVOCES

	8.4" / 213mm	10.3" / 262mm	12.7" / 322mm	12.4" / 315mm
Overall Diameter / Diámetro total				
Overall Depth / Profundidad total	4.1" / 105mm	4.9" / 124mm	5.9" / 150mm	6" / 156mm
Front Mount Baffle Cutout / Recorte del deflector de montaje frontal	7.4" / 187mm	9" / 230mm	11" / 280mm	11.1" / 282mm
Mounting Depth / Profundidad de montaje	3.7" / 94mm	4.3" / 108mm	5.3" / 135mm	5.6" / 145mm
Motor Diameter / Diámetro del motor	6" / 156mm	7.5" / 190mm	7.5" / 190mm	8.7" / 220mm

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