5MR450-NDY

Professional Midrange Driver

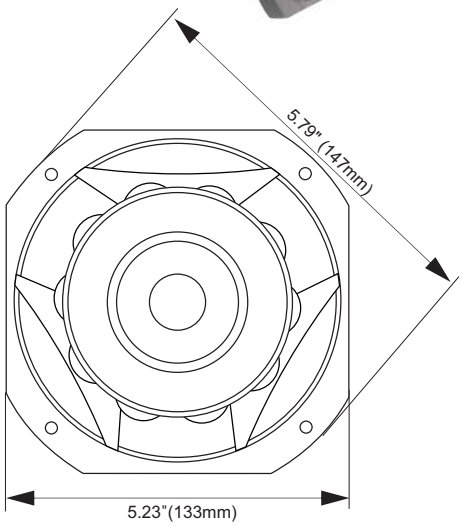
PRV AUDIO BRAZIL

KEY FEATURES

- 160-16,000 kHz
- Suitable for line array applications.
- Lightweight high efficient neodymium slug assembly
- Die cast aluminum basket

GENERAL SPECIFICATIONS

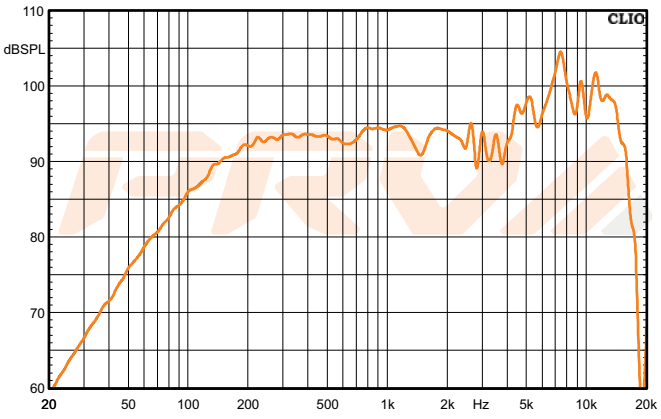
Nominal Diameter	5” (127 mm)
Nominal impedance	8 ohms
Rated Power Handling	**225 Watts**
Program Power	450 Watts
Sensitivity 2.83V at 1m	**94 dB**
Recommended Hi Pass Crossover* *For Full Power Handling	290 Hz* *12db Per Octave Crossover
Frequency Response at -10dB	**160- 16,000 Hz**
Voice Coil Diameter	1.5” (38.1 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	9.8 mm
Former Material	Kapton
Magnetic Gap Depth	5.8 mm
Frame Material	Die Cast Aluminum



THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	1.47 l
Excursion (mathematical)***	Xmax	3.45 mm
Free Air Resonance	Fs	159.0 Hz
Mechanical Factor	Qms	22.26
Electrical Factor	Qes	0.66
Total Factor	Qts	0.64
Cone Area	Sd	95 cm^2
Mechanical Mass	Mms	8.60 g
Bl Factor	Bl	9.42 Tm
Dc Resistance	Re	6.9 Ohms
Inductance	Le	0.03 mH at 1 kHz
Mechanical Mass Without Air	Mmd	8.07 g
Mechanical Compliance	Cms	0.116 mm/N

Frequency Response Measured at 2.83v/1m



EXTRA INFO

Overal Diameter	5.79” (147 mm)
Front Mount Baffle Cutout	4.72” (120 mm)
Mounting Depth	2.60” (66 mm)
Overall Depth	2.95” (75 mm)
Net Weight	2.65 Lbs (1.2 kg)
Shipping Weight	2.85 Lbs (1.3 kg)
Carton Dimensions W x L x H	6.1” x 6.1 x 3.7” (155 x 155 x 95mm)

***Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Mgnetic Gap Depth/4

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PRV Audio strives to manufacture the best drivers in the Professional Loudspeaker industry. Specifications are subject to change due to continuous product improvement - Rev: 08/18

5MR450-NDY

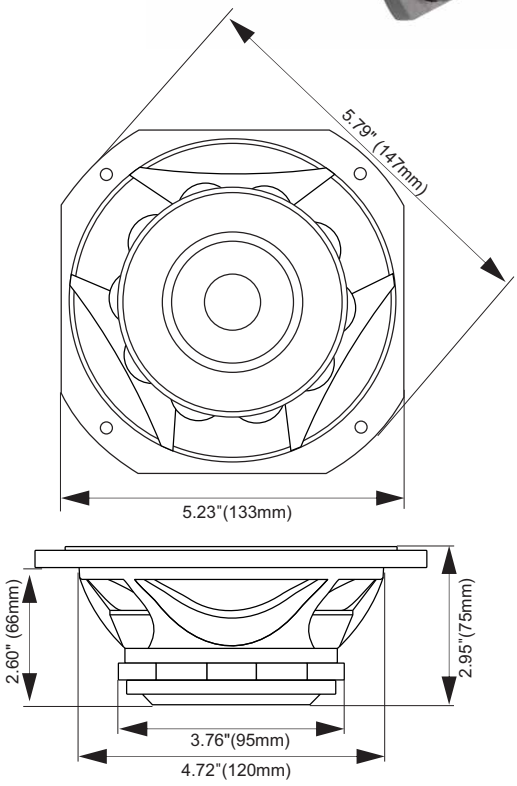
Professional Midrange Driver

Características

- 160-16,000 kHz
- Adequado para utilização em line arrays.
- Conjunto magnético de Neodímio
- Carcaça de Alumínio injetado

ESPECIFICAÇÕES GERAIS

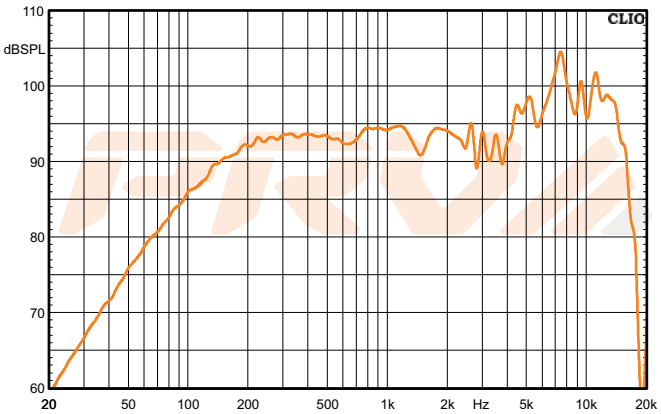
Diâmetro Nominal	5” (127 mm)
Impedancia Nominal	8 ohms
Potência	**225 Watts**
Potência Musical	450 Watts
Sensibilidade 2.83V at 1m	**94 dB**
Hi Pass Crossover Recomendado* *para regime de alta potência	290 Hz* *Crossover 12db Por Oitava
Resposta em Frequência a -10dB	**160- 16,000 Hz**
Diâmetro da Bobina	1.5” (38.1 mm)
Material do Fio da Bobina	Cobre
Material da Forma da Bobina	Kapton
Material da Carcaça	Aluminio Injetado



PARAMETROS THIELE-SMALL

Volume Equivalente	Vas	1.47 l
Deslocamento Máximo	Xmax	2.0 mm
Frequência de Resonancia	Fs	159.0 Hz
Fator Mecânico	Qms	22.26
Fator Elétrico	Qes	0.66
Fator Total	Qts	0.64
Área Efetiva de Cone	Sd	95 cm^2
Massa Mecânica	Mms	8.60 g
Fator de Força Bl	Bl	9.42 Tm
Resitência DC	Re	6.9 Ohms
Indutâcia	Le	0.03 mH a 1 kHz
Massa Mec. Sem Ar	Mmd	8.07 g
Compliância Mecânica	Cms	0.116 mm/N

Resposta em Frequência Medida a 2.83V/1m



EXTRA INFO

Diametro Total	5.79” (147 mm)
Diâmetro para Montagem	4.72” (120 mm)
Profundidade de Montagem	2.60” (66 mm)
Profundidade total	2.95” (75 mm)
Peso Líquido	2.65 Lbs (1.2 kg)
Peso Bruto	2.85 Lbs (1.3 kg)
Dimensões da Emb. C x L x A	7.09” x 7.09" x 3.94” (180 x 180 x 100mm)

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