

MT8CX680CF-NDY-4PRVAaudioBRAZIL

Professional Coaxial Driver

KEY FEATURES

- 2.0" / 1/4" Voice coil
- 600 / 80 Watts continuous program power
- 96 / 106 dB Sensitivity
- Water-resistant carbon fiber cone

GENERAL SPECIFICATIONS

	Low Freq.	High Freq.
Nominal and Throat Diameter	8"(205.5mm)	1"(25.4mm)
Nominal impedance	4 Ohm	8 Ohm
Nominal Power Handling	300 Watt	40 Watt
Continuous Program Power (RMS)	600 Watt	80 Watt
Max Peak Power	1200 Watt	160 Watt
Sensitivity 2.00V at 1m	96 dB	106 dB
Recommended Hi Pass Crossover*	90 Hz*	1800 Hz*
	*12db/oct Crossover	*12db/oct Crossover
Frequency Response	80-9kHz	1.300-20kHz
Voice Coil Diameter	2"(51 mm)	1.75"(44mm)
Voice Coil Wire	CCAW	CCAW
Voice Coil Winding Depth	11.0 mm	N/A
Former Material	Kapton	Kapton
Magnetic Gap Depth	8.0 mm	N/A
Frame and Diaphragm Material	Aluminum	Titanium

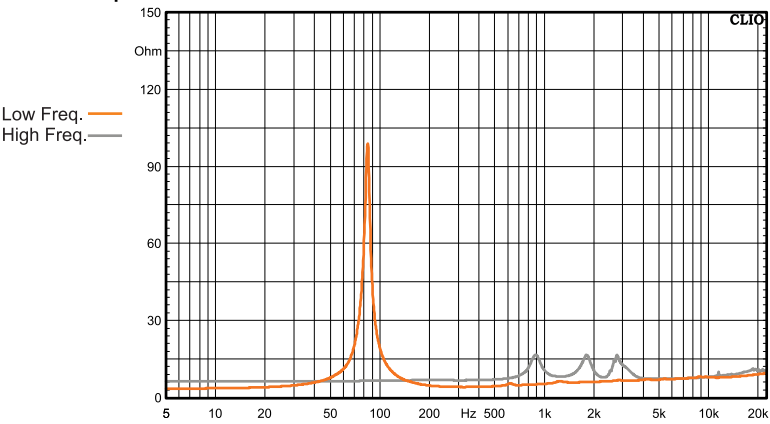
THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	18.9 l
Excursion (mathematical)***	Xmax	3.50 mm
Free Air Resonance	Fs	84.2 Hz
Mechanical Factor	Qms	14.4
Electrical Factor	Qes	0.49
Total Factor	Qts	0.48
Cone Area	Sd	248 cm²
Mechanical Mass	Mms	16.36 g
Bl Factor	BL	7.57 Tm
Dc Resistance	Re	3.3 Ohm
Inductance	Le	0.20 mH at 1 kHz
Mechanical Mass Without Air	Mmd	14.13 g
Mechanical Compliance	Cms	0.218 mm/N

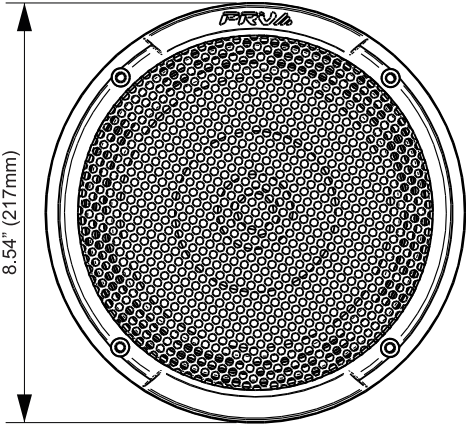
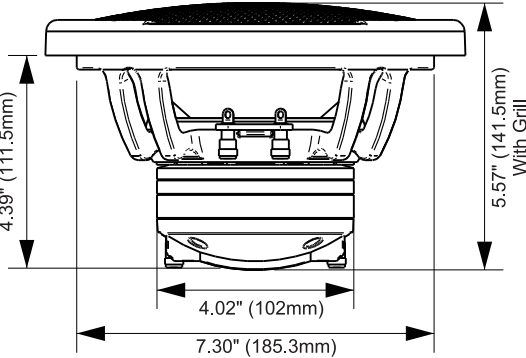
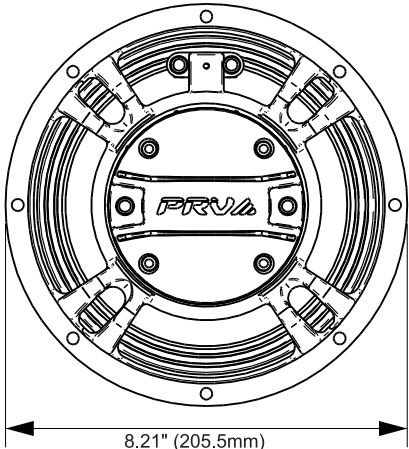
EXTRA INFO

Overall Speaker Diameter	8.21" (205.5 mm)
Front Mount Baffle Cutout	7.30" (185.3 mm)
Mounting Depth	4.39" (111.5 mm)
Overall Depth	5.57" (141.5 mm) With Grill
Net Weight	4.63 Lbs (2.1 kg)
Shipping Weight	5.29 Lbs (2.4 kg)
Carton Dimensions W x L x H	9.45"x 9.25" x 7.25" (240 x 235 x 184mm)

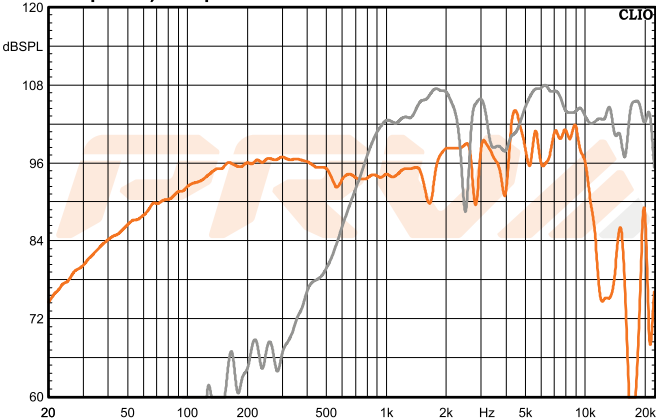
Impedance Curve - Free Air



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



Frequency Response Measured at 2.00V/1m



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