MT8CX680-NDY-4
Professional Coaxial Driver

PRV AUDIO BRAZIL

KEY FEATURES

- 2.0" / 1/4" Voice coil
- 600 / 80 Watts continuous program power
- 97 / 106 dB Sensitivity

GENERAL SPECIFICATIONS

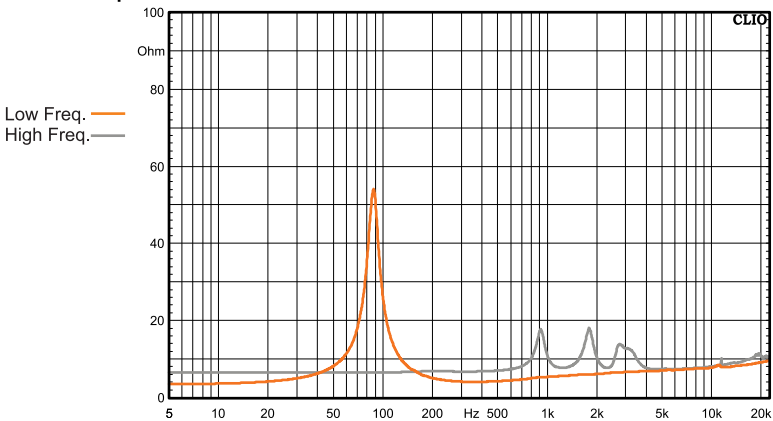|	Low Freq.	High Freq.
Nominal and Throat Diameter	8"(205.5mm)	1"(25.4mm)
Nominal impedance	4 Ohm	8 Ohm
Nominal Power Handling	**300 Watt**	**40 Watt**
Continuous Program Power (RMS)	600 Watt	80 Watt
Max Peak Power	1200 Watt	160 Watt
Sensitivity 2.00V at 1m	**97 dB**	**106 dB**
Recommended Hi Pass Crossover* *For Full Power Handling	90 Hz* *12db/oct Crossover	1800 Hz* *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

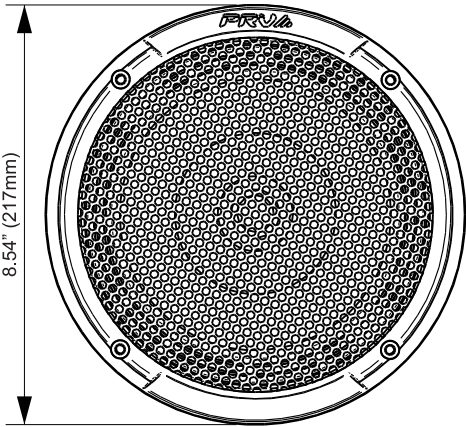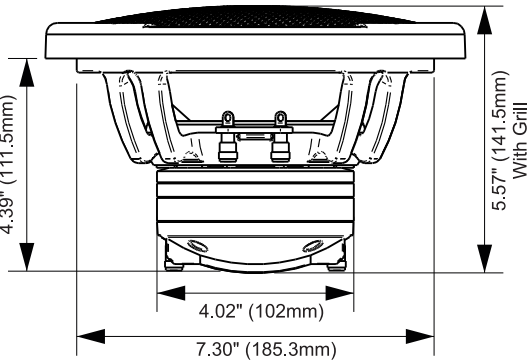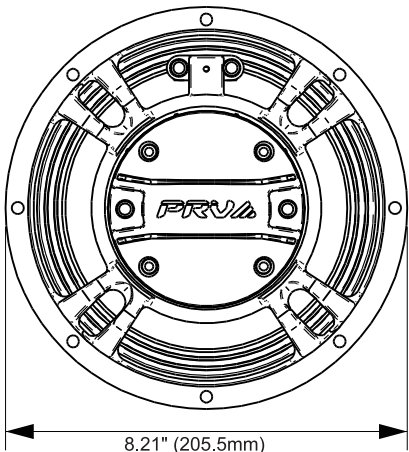|		
Equivalent Volume	Vas	17.1 l
Excursion (mathematical)***	Xmax	3.50 mm
Free Air Resonance	Fs	87.7 Hz
Mechanical Factor	Qms	6.96
Electrical Factor	Qes	0.44
Total Factor	Qts	0.41
Cone Area	Sd	243 cm^2
Mechanical Mass	Mms	15.92 g
Bl Factor	Bl	8.0 Tm
Dc Resistance	Re	3.2 Ohm
Inductance	Le	0.18 mH at 1 kHz
Mechanical Mass Without Air	Mmd	13.77 g
Mechanical Compliance	Cms	0.206 mm/N

EXTRA INFO

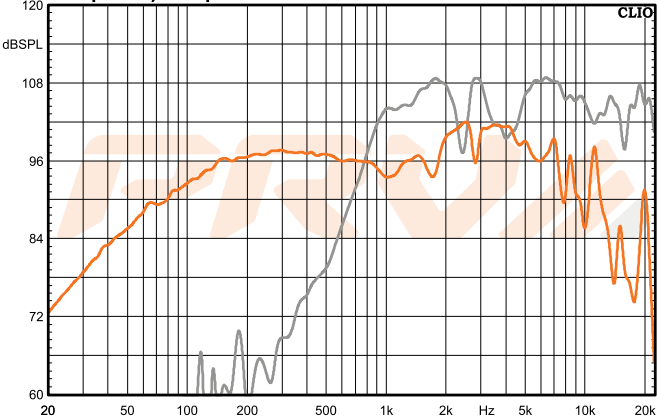|	
Overall Speaker Diameter	8.21" (205.5 mm)
Front Mount Baffle Cutout	7.30" (185.3 mm)
Mounting Depth	4.39" (111.5 mm)
Overall Depth	5.57" (141.5 mm) With Grill
Net Weight	4.63 Lbs (2.1 kg)
Shipping Weight	5.29 Lbs (2.4 kg)
Carton Dimensions W x L x H	9.45"x 9.25" x 7.25" (240 x 235 x 184mm)

8.21" (205.5mm)

5.57" (141.5mm) With Grill

4.39" (111.5mm)

4.02" (102mm)

7.30" (185.3mm)

8.54" (217mm)

Impedance Curve - Free Air

CLIO

Ohm

Low Freq.
High Freq.

Frequency Response Measured at 2.00V/1m

CLIO

dBSPL

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