

MT6CX580-NDY-4

Professional Coaxial Driver

PRVA

audio

B R A Z I L

KEY FEATURES

- 2.0" / 1/4" Voice coil
- 500 / 80 Watts continuous program power
- 95 / 106 dB Sensitivity

GENERAL SPECIFICATIONS

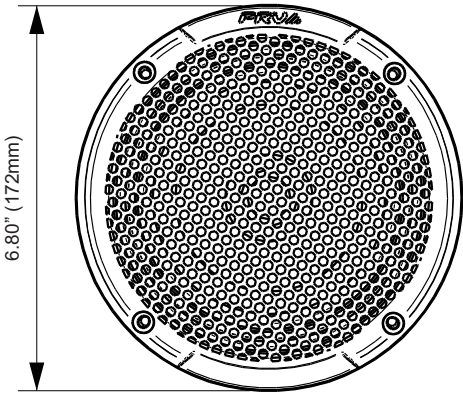
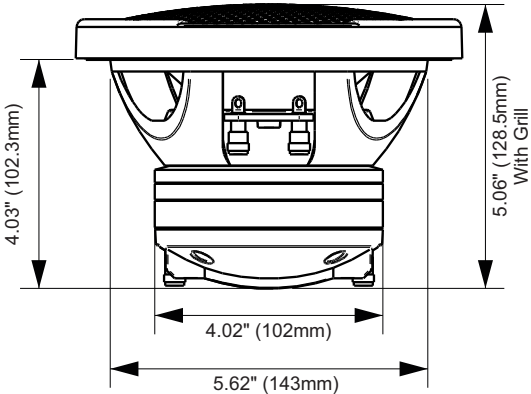
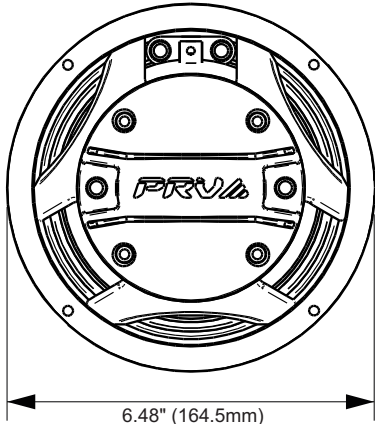
	Low Freq.	High Freq.
Nominal and Throat Diameter	6.5"(152mm)	1"(25.4mm)
Nominal impedance	4 Ohm	8 Ohm
Nominal Power Handling	250 Watts	40 Watts
Continuous Program Power (RMS)	500 Watts	80 Watts
Max Peak Power	1000 Watts	160 Watts
Sensitivity 2.00V at 1m	95 dB	106 dB
Recommended Hi Pass Crossover*	105 Hz*	1800 Hz*
<small>*For Full Power Handling</small>	<small>*12db/oct Crossover</small>	<small>*12db/oct Crossover</small>
Frequency Response	100-10kHz	1.3-20kHz
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

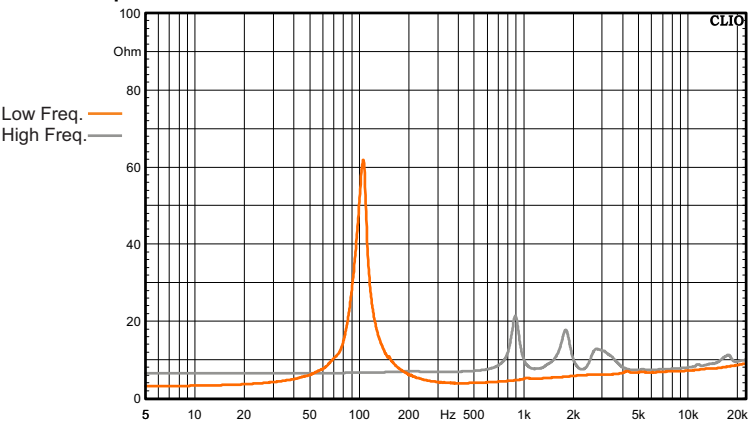
Equivalent Volume	Vas	5.77 l
Excursion (mathematical)***	Xmax	3.50 mm
Free Air Resonance	Fs	105.9 Hz
Mechanical Factor	Qms	8.54
Electrical Factor	Qes	0.43
Total Factor	Qts	0.41
Cone Area	Sd	143 cm²
Mechanical Mass	Mms	11.19 g
Bl Factor	BL	7.16 Tm
Dc Resistance	Re	3.0 Ohm
Inductance	Le	0.178 mH at 1 kHz
Mechanical Mass Without Air	Mmd	10.33 g
Mechanical Compliance	Cms	0.202 mm/N

EXTRA INFO

Overall Speaker Diameter	6.48" (164.5 mm)
Front Mount Baffle Cutout	5.62" (143 mm)
Mounting Depth	4.03" (102.3 mm)
Overall Depth	5.06" (128.5 mm) With Grill
Net Weight	4.18 Lbs (1.9 kg)
Shipping Weight	4.62 Lbs (2.1 kg)
Carton Dimensions W x L x H	7.55"x 7.35" x 6.70" (192 x 187 x 170mm)

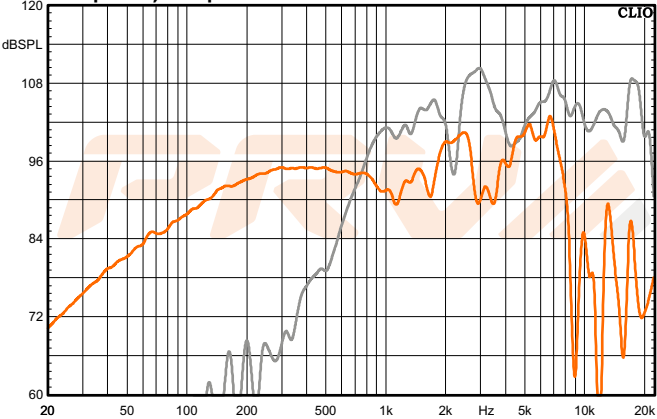


Impedance Curve - Free Air



\*\*Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4  
\*\*\* T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

Frequency Response Measured at 2.00V/1m



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