



AERONS (INDIA)

WITH



**AERONS
SPEAKER**
PROFESSIONAL AUDIO SYSTEM



X452

2000W RMS Power
32Hz - 1KHz Frequency Range
4.5 inch Voice Coil
98dB Sensitivity
Dual magnet design
With I.C.E technology

GENERAL SPECIFICATIONS

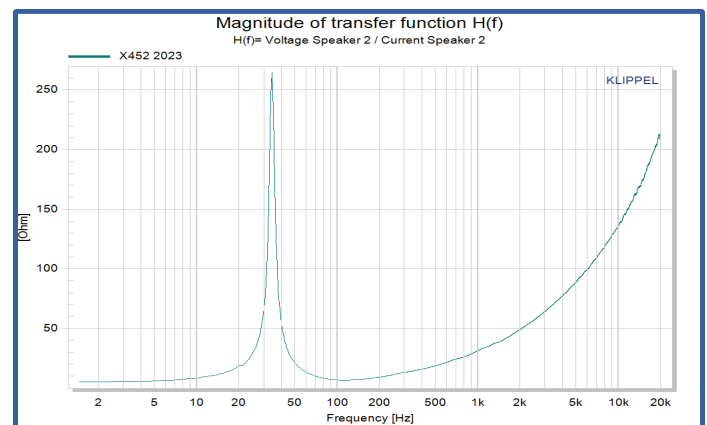
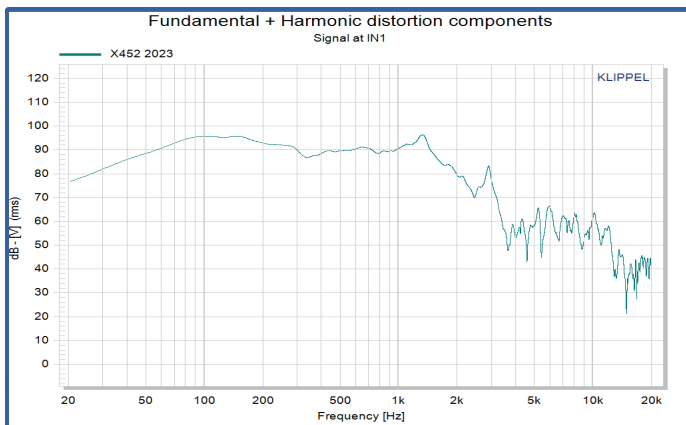
Nominal Diameter	18inch
Nominal Impedance	8ohm
Minimum Impedance	4.8ohm
Nominal Power Handling	2000Watts
Continuous Power Handling	4000Watts
Sensitivity	98dB
Frequency Range	32-1KHz
Voice-coil Diameter	114.5mm
Voice-coil Material	1-APIPS7
Voice-coil Winding Depth	30.4mm
Effective Diaphragm Diameter	398mm
Kind of layer	In/out
Number of layers	3
Top Plate Thickness	14
Spider	Double Silicone
Flux Density	1.3T
Magnet Diameter	250*25mm X2
Magnet Material	Ferrite
Magnet Grade	Y30
Magnet Gap Depth	14

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	32Hz
DC Resistance	Rte	4.8ohm
Mechanical Factor	Qms	18.87
Electrical Factor	Qes	0.291
Total Factor	Qts	0.286
BL Factor	BL	34.29 T-m
Effective Moving Mass	Mms	314.9gr
Equivalent Cas Air Load	Vas	136.06 liter
Effective Piston Area	Sd	1194cm ²
Max. Linear Excursion	Xmax	10.5mm
Half Space Efficiency	Eff	1.85%
Efficiency Bandwidth Product	EBP	116.83
Compliance Value	Cms	0.067

MOUNTING & SHIPPING INFORMATION

Overall Diameter	465mm
Buffer Cut-out Dia.	422mm
Bolt Circle Dia.	446mm
Bolt Hole Dia.	7.0mm
Gasket Thickness	17mm
Overall Depth	230mm
Magnet Dia.	250mm
Net Weight	20 kg



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www.aeronsindia.com