



AERONS (INDIA)



# X454

**BEAST** Subwoofer



X454 – 18 Inch Subwoofer Speaker is built for deep, powerful bass performance in high-output professional sound systems. Designed for demanding live events, touring rigs, and large installations, it delivers strong low-frequency impact with excellent control and reliability.

With a massive 2000W RMS power handling and a heavy-duty 4.5-inch voice coil, the X454 is engineered to perform under continuous high load without compromise. The dual magnet structure (2X Magnet Punch) ensures high efficiency and superior bass punch, while the rigid frame and reinforced components provide long-term durability.

Covering a wide 32 Hz – 1 kHz frequency range with 98 dB sensitivity, the X454 produces deep, tight lows and solid mid-bass presence. Integrated ICE (Integrated Cooling Enhancement) Technology improves heat dissipation, maintaining consistent performance during extended operation. The X454 is a dependable choice for professionals who demand power, depth, and reliability from their subwoofer systems.



**32HZ- 1KHZ**

Frequency Response



**2000W**

RMS Power



**3 LAYER**

In/Out VC



**4.5 INCH**

Voice Coil



**8 OHMS**

Impedance



**Y35 FERRITE**

Magnet



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## TECHNICAL SPECIFICATIONS

Nominal Diameter	18 inch
Nominal Impedance	8 ohms
Minimum Impedance	4.8 ohms
Nominal Power Handling	2000 Watts
Continuous Power Handling	4000 Watts
Sensitivity	97dB
Frequency Range	32Hz - 1kHz
Voice Coil Diameter	114.55mm
Voice Coil Material	APIPS7
Voice Coil Winding Depth	30.4mm
Effective Diaphragm Diameter	400mm
Kind of layer	In/Out
Number of Layer	3
Top Plate thickness	14
Spider	Silicon Spider
Flux Density	1.2T
Magnet Diameter	2X (250*25mm )
Magnet Material	Strontium Ferrite
Magnet Grade	Y35 Grade
Magnet Gap Depth	

## THIELE SMALL PARAMETERS

Resonance Frequency	Fs	32.0 Hz
DC Resistance	Rte	4.8 Ohm
Mechanical Factor	Qms	15.61
Electrical Factor	Qes	0.317
Total Factor	Qts	0.311
BL Factor	BL	35.11 T-m
Effective Moving Mass	Mms	348.79 gr
Equivalent Cas Air Load	Vas	130.67 litre
Effective Piston Area	Sd	1256 cm sq
Max. Linear Excursion	Xmax	12.5mm
Half Space Efficiency	Eff	1.76%
Efficiency Bandwidth Product	EBP	105.42
Compliance Value	CMS	0.051mm/N

## MOUNTING AND SHIPPING INFO

Overall Diameter	465mm
Bolt Circle Diameter	446mm
Bolt Hole Diameter	7mm
Overall Depth	215mm
Magnet Diameter	250mm
Net weight	20.30kgs

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