



**AERONS  
SPEAKER**  
PROFESSIONAL AUDIO SYSTEM

# PT 186

**5000W Peak program power**  
**35-2.0KHz Frequency range**  
**152.4mm Voice coil**  
**96.8dB Sensitivity**  
**Optimized magnet and FEA analyse**

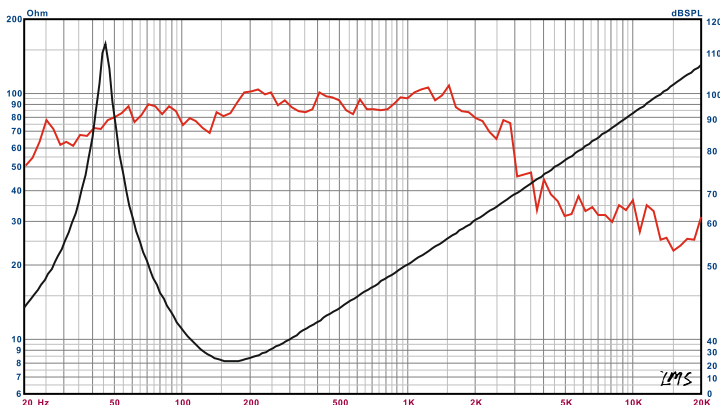
## GENERAL SPECIFICATIONS

Nominal Diameter	18" / 487 mm
Voice Coil Diameter	6" / 152.4mm
Nominal Impedances	8 Ohms
Rating Power	2500 W (A. E. S. )
Peak Power	5000 W
Sensitivity (1w -1m)	96.8 dB
Frequency Range	35 Hz - 2 kHz
Chassis Material	Aluminium
Magnet Material	Ferrite
Magnet Dimensions (OD x ID)	330 x 25 (mm)
Voice Coil Material	Copper
Former Material	CF
Dust Dome Material	Paper
Cone /Surround Material	Paper /Colth
Magnet Gap height	15 mm / 0.59"
Voice Coil Winding height	29 mm / 1.14"
Recommended Enclosure Volume	89 litres
Connector Type	Push Button Spring Terminals

## THIELE-SMALL PARAMETERS

Re	5.5 Ω
Fs	45 Hz
Mms	262 g
Cms	0.05 m/N
Qms	9.444
Qes	0.275
Qts	0.267
Vas	89 litres
Le	1.0 mH
Sd	1.16K cm <sup>2</sup>
BxL	39.4
Xmax	10.75 mm / 0.42"
Xmech	
Ref. Efficiency	2.98 %

## FREQUENCY RESPONSE AND IMPEDANCE CHART



## DIMENSIONS (mm)

