



AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM



18FE2000

- 2000W Continuous program power**
- 32 -1KHz Frequency range**
- 125mm Voice coil**
- 97dB Sensitivity**
- Optimized magnet and FEA analyse**

GENERAL SPECIFICATIONS

Nominal Diameter	18inch
Nominal Impedance	8ohm
Minimum Impedance	5.5ohm
Nominal Power Handling	2000Watts
Continuous Power Handling	4000Watts
Sensitivity	97.0dB
Frequency Range	32-1KHz
Voice-coil Diameter	125mm
Voice-coil Material	EISV
Kind of layer	in/out
Magnet Diameter	280mm
Magnet Material	Ferrite

THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	32Hz
DC Resistance	Rte	5.5ohm
Mechanical Factor	Qms	11.509
Electrical Factor	Qes	0.252
Total Factor	Qts	0.247
BL Factor	BL	33.774 T-m
Effective Moving Mass	Mms	232.74 gr
Equivalent Cas Air Load	Vas	179.8liters
Effective Piston Area	Sd	0.12 m ²
Max.Linear Excursion	Xmax	11mm
Vibration velocity	Cms	0.084

Installation Information

Overall Diameter	496/458.2mm
Baffle Cutout Diameter	433mm
Boit Circle Diameter	474.5*8-Φ6.6
	447.5*8-Φ6.6
Gasket Thickness	18mm
Overall Depth	207mm
Net Weight	19.7kg

