



# AERONS SPEAKER

PROFESSIONAL AUDIO SYSTEM



## 18FE1700

- 1700W Continuous program power**
- 32 -1KHz Frequency range**
- 115mm Voice coil**
- 96dB Sensitivity**
- Optimized magnet and FEA analyse**

### GENERAL SPECIFICATIONS

Nominal Diameter	18inch
Nominal Impedance	8ohm
Minimum Impedance	5.5ohm
Nominal Power Handling	1700Watts
Continuous Power Handling	3400Watts
Sensitivity	96.0dB
Frequency Range	32-1KHz
Voice-coil Diameter	115mm
Voice-coil Material	EISV
Kind of layer	in/out
Magnet Diameter	250mm
Magnet Material	Ferrite

### THIELE-SMALL PARAMETERS

Resonance Frequency	Fs	32Hz
DC Resistance	Rte	5.5ohm
Mechanical Factor	Qms	10.474
Electrical Factor	Qes	0.271
Total Factor	Qts	0.265
BL Factor	BL	30.693 T-m
Effective Moving Mass	Mms	222.37 gr
Equivalent Cas Air Load	Vas	217.0liters
Effective Piston Area	Sd	0.12 m <sup>2</sup>
Max.Linear Excursion	Xmax	11mm
Vibration velocity	Cms	0.102

### 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	16kg

