

18SW2000

Professional Low Frequency Driver



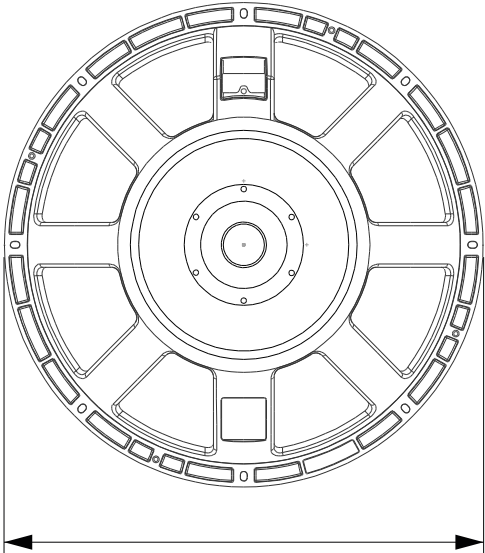
KEY FEATURES

- 4" voice coil
- 2000 Watts Continuous Power
- 96 dB Sensitivity
- 35 - 2,500 Hz of frequency response



GENERAL SPECIFICATIONS

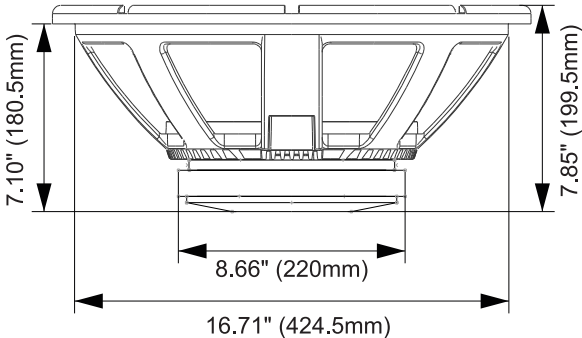
Nominal Diameter	18" (457 mm)
Nominal impedance	8 Ohm
Nominal Power Handling	1000 Watts
Continuous Program Power (RMS)	2000 Watts
Max Peak Power	4000 Watts
Sensitivity 2.83V at 1m	96 dB
Recommended High Pass Filter*	50 Hz*
*For Full Power Handling	*12db Per Octave Crossover
Frequency Response	35 - 2,500 Hz
Voice Coil Diameter	4" (101 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	24.2 mm
Former Material	Glass Fiber
Magnetic Gap Depth	10.0 mm
Frame Material	Die cast Aluminum



18.28" (464.5mm)

THIELE-SMALL PARAMETERS

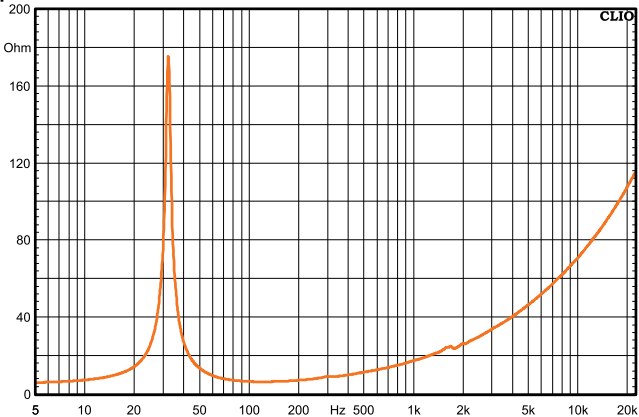
Equivalent Volume	Vas	289.9 l
Excursion (mathematical)***	Xmax	9.60 mm
Free Air Resonance	Fs	32.2 Hz
Mechanical Factor	Qms	14.68
Electrical Factor	Qes	0.47
Total Factor	Qts	0.45
Cone Area	Sd	1330 cm ²
Mechanical Mass	Mms	208.8 g
Bl Factor	BL	22.1 Tm
Dc Resistance	Re	5.4 Ohm
Inductance	Le	2.05 mH at 1 kHz
Mechanical Mass Without Air	Mmd	181.3 g
Mechanical Compliance	Cms	0.117 mm/N



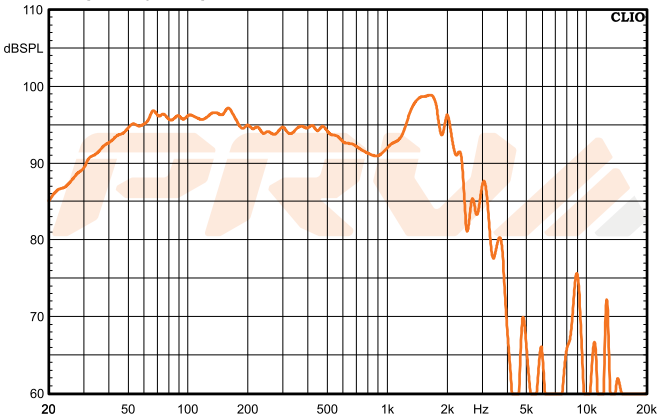
EXTRA INFO

Overall Diameter	18.28" (464.5 mm)
Front Mount Baffle Cutout	16.71" (424.5 mm)
Mounting Depth	7.10" (180.5 mm)
Overall Depth	7.85" (199.5 mm)
Net Weight	25.6 Lb (11.6 kg)
Shipping Weight	28.4 Lb (12.9 kg)
Carton Dimensions W x L x H	19.1" x 19.1" x 9.45" (485 x 485 x 240 mm)

Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



**Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4
*** T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

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