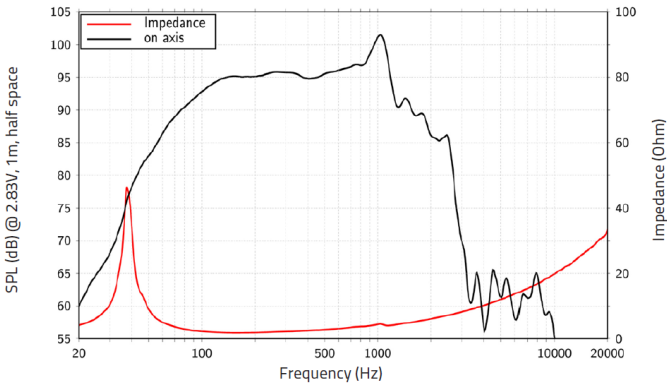


18" SUBWOOFER

NEODYMIUM MAGNET
ALUMINIUM BASKET DRIVER

- 4.5 INCH CCAW VOICE COIL - 97,6 dB/SPL SENSITIVITY - 3400 WATT PROGRAM POWER HANDLING- ULTRA LOW DISTORTION DESIGN - REDUCED POWER COMPRESSION THERMAL DESIGN - FEM OPTIMIZED MOTOR AND SUSPENSIONS - 53 mm (2.1 INCH) PEAK TO PEAK MAXIMUM EXCURSION - OPTIMIZED COOLING SYSTEM - ALUMINIUM DEMODULATION RING AND DOUBLE SILICON SPIDER- TRIPLE ROLL SURROUND



GENERAL SPECIFICATIONS

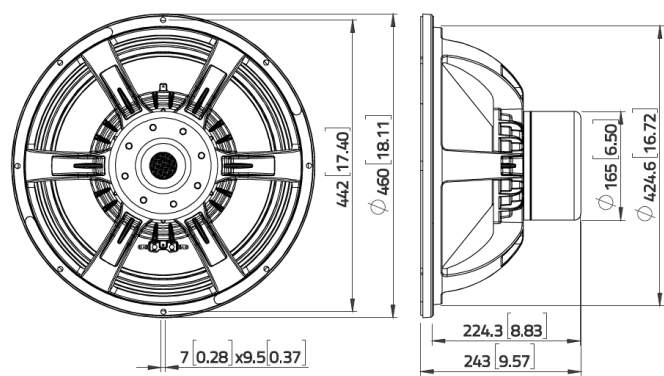
Nominal Diameter	460 mm (18 in)
Nominal Impedance	2 ohm
Minimum Impedance	1.8 ohm
Program Power	3400 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	1700 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	97.6 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	30 ÷ 1000 Hz
Voice Coil Diameter	115 mm (4.5 in)
Chassis Material	ALUMINIUM
Magnet Material	NEODYMIUM
Magnet Dimensions OD x ID x h	113 x 40 x 15 mm (4.45 x 1.57 x 0.6 in)
Coil Material	CCA W
Former Material	GLASS FIBER
Cone Material	WATER RESISTANT TREATED PAPER + WATER PROOF FRONT SIDES TREATMENT
Surround Material	POLYCOTTON
Xmax	19.5 mm (0.77 in) The Xmax is calculated as: (Hvc - Hg)/2 + Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	26.5 mm (1.04 in) The Xmech is calculated as: (Hvc - Hg)/2 + (Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	12 mm (0.47 in)
Voice Coil Winding Height	45 mm (1.77 in)
Driver Displacement Volume	7.95 l (0.281 ft³)
Recommended Enclosure	169 l (5.968 ft³)
Recommended Tuning	42 Hz

SMALL SIGNAL PARAMETERS

Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

DC Resistance (Re)	1.2 ohm
Diaphragm Area (Sd)	1220 cm² (189.1 in²)
Resonance Frequency (Fs)	36 Hz
Moving Mass (Mms)	306.6 g (10.815 oz)
Compliance (Cms)	0.063 mm/N
Force Factor (BxL)	18.79 N/A
Mechanical Q-Factor (Qms)	5.04
Electrical Q-Factor (Qes)	0.24
Total Q-Factor (Qts)	0.23
Equivalent Air Volume (Vas)	132.7 l (4.686 ft³)
Voice Coil Inductance (Le)	0.38 mH
Reference Efficiency (Eta 0)	2.56 %
Efficiency Bandwidth Product (EBP)	150 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	14.4 kg (31.747 lb)
Multipack Quantity	1
Multipack size W x D x H	484 mm x 484 mm x 279 mm (19.1 in x 19.1 in x 11 in)
Multipack Weight	16.53 kg (36.44 lb)

