



SANWAY AUDIO

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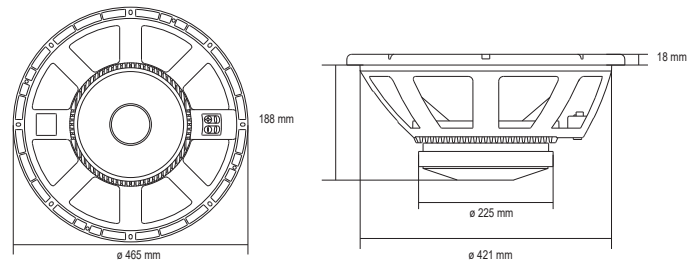
LF18G401

Features

- 4-inch, fibreglass inside-outside copper voice coil
- 1800 Watt continuous program power handling
- 98 dB Sensitivity
- 30 Hz - 1 kHz Frequency range
- Dual spider design with silicon based dampening control
- Triple-roll surround and corrugated straight cone geometry



8 x ø 6.5 mm holes to 45
on 442 mm and on 447mm

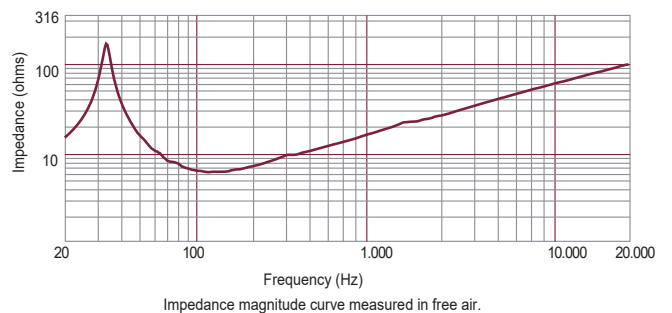
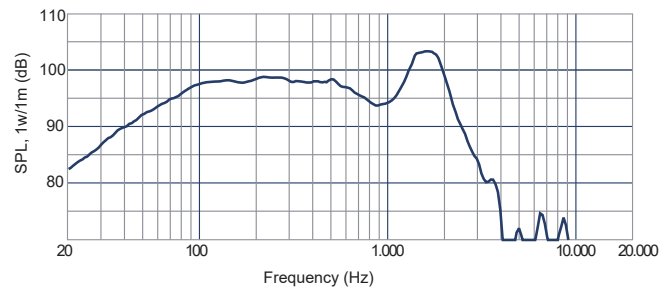


Specifications

Nominal Diameter	460/18 mm/inch
Rated Impedance	8 ohm
Program Power ¹	1800 Watts
Power handling capacity ²	900 Watts
Sensitivity ³	98 dB
Frequency Range	30 - 1000 Hz
Effective Piston Diameter	395/15,6mm/inch
Max Excursion Before Damage (peak to peak)	50/2.0 mm/inch
Minimum Impedance	5,9ohm
Voice Coil Diameter	100/4 mm/inch
Voice Coil Material	Copper
Voice Coil Winding Depth	23/0.9mm/inch
Number of layers	2
Kind of layer	inside/outside
Top Plate Thickness	12/0.5mm/inch
Cone Material	No pressed pulp
Cone Design	Straight
Surround Material	Polycotton
Surround Design	Triple roll

Thiele & Small Parameters

Fs	33Hz
Re	4.8 ohm
Qms	7.6
Qes	0.30
Qts	0.29
BL	24.6 T · m
Mms	182 gr
Vas	268 liters
Sd	0.122m ²
Xmax	8.5mm
Le1K	2.4mH
Eff	3.09 %



Mounting Information

Overall Diameter	465/18.3 mm/inch
Bolt Circle Diameter	442-447/17.4-17.6 mm/inch
Bolt Hole Diameter	6.5/0.3 mm/inch
Front Mount Baffle Cut-out	424/16.7 mm/inch
Rear Mount Baffle Cut-out	424/16.7 mm/inch
Depth	205/8.1 mm/inch
Volume occupied by the driver ⁶	6.0/0.21 liters/ft3

1 Program Powelfined as 3 dB greater than AES power. - 2 AES standard. - 3 Sensitivity measurement is based on a 10(with input power of 2.83V @ 8 Ohms. - 4 Thiele-Small parameters are measured after a 2 hour warm up period running the loudspeaker at full power handling capacity. - 5 The maximum lines: (Hvc - Hg)/2 + Hg/4 where Hvc is the voice coil depth and Hg the gap depth. - 6 Calculated for front mounting on 18 mm thick board.