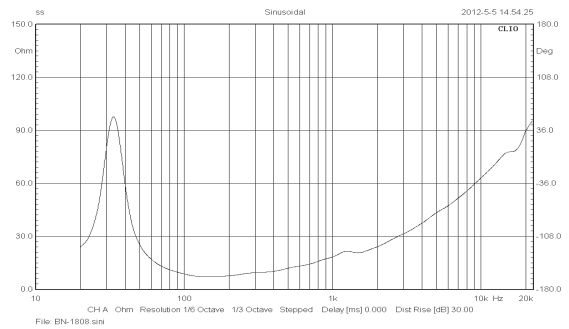
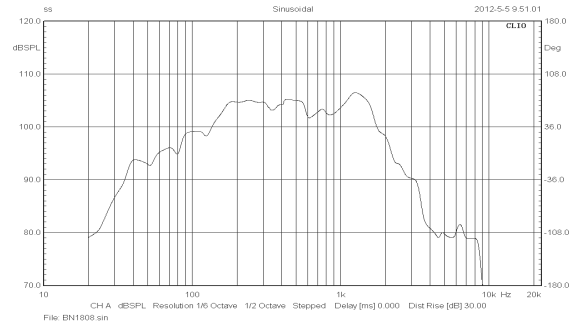


# LSN18/8

18" PROFESSIONAL AUDIO

1600W continuous program power capacity  
 100mm(4.0 in) copper voice coil  
 35-2000 Hz response  
 98 dB sensitivity



## Specification

Nominal Diameter	460 mm(18 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.5 ohm
Continuous Power Handling	1600 W
Nominal Power Handling (AES)	800 W
Sensitivity(1W/1M)	98 dB
Frequency Range	35 - 2000 Hz
Voice Coil Diameter	100 mm(4 in)
Winding Material	Copper
Former Material	Black aluminium
Magnet Material	Ferrite
Winding Depth	20 mm(0.79 in)
Magnetic Gap Depth	12mm(0.47 in)
Magnet	125 Oz

## Parameters

FS	33 Hz
Re	6.5 ohm
Qes	0.33
Qms	5.1
Qts	0.31
Vas	330 dm3(11.6 ft3)
Sd	1164cm2(180 in2)
Etazero	3.8%
Xmax	+8.5mm
Xvar	+9.0mm
Xms	132 g
Bl	23.2xm
Le	0.94 mH

## Mounting & Shipping

Overall Diameter	460 mm(18.1 in)
Bolt Circle Diameter	441 mm(17.4 in)
Baffle Cutout Diameter	420 mm(16.5 in)
Depth	203 mm(8.0 in)

## Mounting & Shipping

Flange and Gasket Thickness	15 mm(0.59 in)
Air volume occupied by driver	2.5 dm3(0.08 ft3)
Net Weight	13 kg(28.6 lb)
Shipping Weight	15 kg(33 lb)
Shipping Box	500x500x230mm (19.7x19.7x9.1 in)

## Design

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Type	Ferrite outside slug
Spider	Single
Pole Design	Straight Pole