

2000W
Sub-Woofer
Neodymium 18"

18LXN



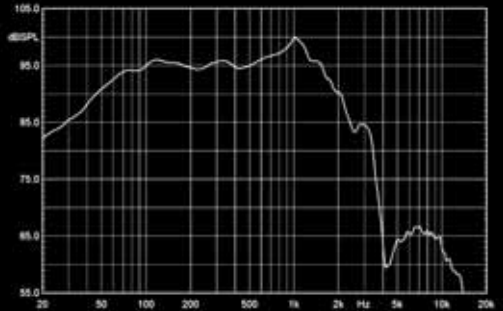
Technical Specifications

Nominal Diameter	460 mm. (18")
Nominal Impedance	8 ohms
Minimum Impedance	7.3 ohms
AES Power Capacity	1000W
Program Power Capacity	2000W
Sensitivity (*)	98 dB
Nominal Frequency Range	25 Hz-2 kHz
Voice Coil Diameter	102 mm. (4")
Voice Coil Material	Copper
Frame	Aluminium
Spider	Polycotton
Diaphragm	Reinforced Paper Pulp
Magnet	Neodymium

- » Altavoz 18" de muy baja frecuencia
- » 2000 W Potencia de Programa
- » Bobina de 4" con bobinado interno/externo
- » Circuito magnético interior de Neodimio de alta potencia
- » Ventilación asistida por convección de aire a través de la pieza polar y ranuras laterales exclusivo (C.A.F.)
- » *Very Low frequency 18" cone loudspeaker*
- » *2000 W program power handling*
- » *4" voice coil with in/out winding*
- » *High power Internal Neodymium magnetic structure*
- » *Centre pole piece and side slot convection cooling (C.A.F.)*

Thiele-Small Parameters

F _s (Hz)	38,51
R _e (ohms)	6,10
Q _{MS}	7,21
Q _{ES}	0,48
Q _{TS}	0,45
Bl (T/m)	21,63
V _{AS} (l)	213,67
L _E at 1kHz (mH)	1,82
L _E at 10kHz (mH)	0,90
S _D (m ²)	0,1164
Efficiency (%)	2,45
X _{MAX} (mm)	8



(*) Woofers Sensitivity is an average in the midrange bandpass for each model.

2000W
Sub-Woofer
Ferrite 18"

18SX



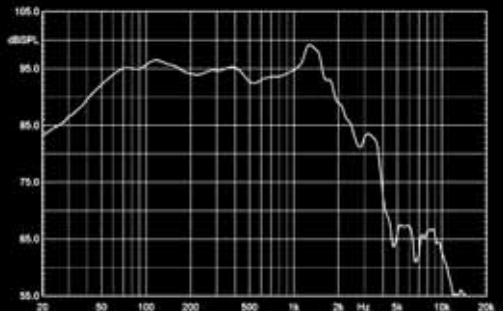
Technical Specifications

Nominal Diameter	460 mm. (18")
Nominal Impedance	8 ohms
Minimum Impedance	7.5 ohms
AES Power Capacity	1000W
Program Power Capacity	2000W
Sensitivity	96.5dB
Nominal Frequency Range	25 Hz-2 kHz
Voice Coil Diameter	102 mm. (4")
Voice Coil Material	Copper
Frame	Aluminium
Spider	Polycotton
Diaphragm	Reinforced Paper Pulp
Magnet	Anisotropic Barium Ferrite

- » Altavoz 18" de muy baja frecuencia
- » 2000 W Potencia de Programa
- » Bobina de 4" con bobinado interno/externo
- » Circuito magnético de Ferrita de alta potencia
- » Ventilación asistida por convección de aire a través de la pieza polar y ranuras laterales exclusivo (C.A.F.)
- » *Very Low frequency 18" cone loudspeaker*
- » *2000 W program power handling*
- » *4" voice coil with in/out winding*
- » *Ceramic magnetic structure*
- » *Centre pole piece and side slot convection cooling (C.A.F.)*

Thiele-Small Parameters

F _s (Hz)	39,21
R _e (ohms)	6,10
Q _{MS}	4,57
Q _{ES}	0,49
Q _{TS}	0,47
Bl (T/m)	23,53
V _{AS} (l)	171,91
L _E at 1kHz (mH)	2,44
L _E at 10kHz (mH)	1,11
S _D (m ²)	0,1164
Efficiency (%)	2,02
X _{MAX} (mm)	8





**1200W
Woofer
Ferrite 15"**

15H

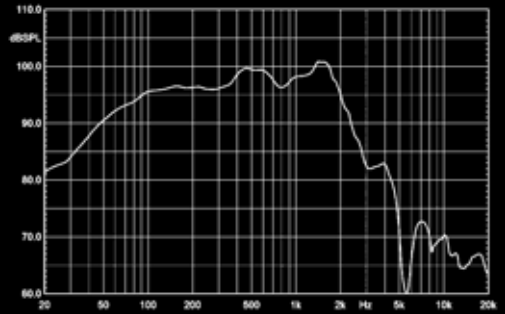
Technical Specifications

Nominal Diameter	380 mm. (15")
Nominal Impedance	8 ohms
Minimum Impedance	6.3 ohms
AES Power Capacity	600W
Program Power Capacity	1200W
Sensitivity	98.5 dB
Nominal Frequency Range	35 Hz-2 kHz
Voice Coil Diameter	102 mm. (4")
Voice Coil Material	Copper
Frame	Aluminium
Spider	Polycotton
Diaphragm	Reinforced Paper Pulp
Magnet	Anisotropic Barium Ferrite

- » Altavoz 15" de baja frecuencia
- » 1200 W Potencia de Programa
- » Bobina de 4" con bobinado interno/externo
- » Circuito magnético de Ferrita de alta potencia
- » Ventilación asistida por convección de aire a través de la pieza polar y ranuras laterales exclusivo (C.A.F.)
- » *Low frequency 15" cone loudspeaker*
- » *1200 W program power handling*
- » *4" voice coil with in/out winding*
- » *Ceramic magnetic structure*
- » *Centre pole piece and side slot convection cooling (C.A.F.)*

Thiele-Small Parameters

F _s (Hz)	39,07
R _e (ohms)	6,00
Q _{MS}	6,53
Q _{ES}	0,47
Q _{TS}	0,44
Bl (T/m)	19,84
V _{AS} (l)	149,45
L _E at 1kHz (mH)	1,43
L _E at 10kHz (mH)	0,68
S _D (m ²)	0,0897
Efficiency (%)	1,83
X _{MAX} (mm)	6



**1000W
Mid-Woofer
Ferrite 15"**

15B

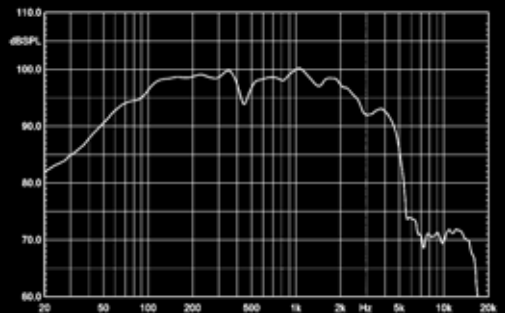
Technical Specifications

Nominal Diameter	380 mm. (15")
Nominal Impedance	8 ohms
Minimum Impedance	6.7 ohms
AES Power Capacity	500W
Program Power Capacity	1000W
Sensitivity	99.5 dB
Nominal Frequency Range	40 Hz - 5 kHz
Voice Coil Diameter	102 mm. (4")
Voice Coil Material	Aluminium Edgewound
Frame	Aluminium
Spider	Polycotton
Diaphragm	Reinforced Paper Pulp
Magnet	Anisotropic Barium Ferrite

- » Altavoz 15" de baja-media frecuencia
- » 1000 W Potencia de Programa
- » Bobina de 4" con bobinado interno/externo
- » Circuito magnético de Ferrita de alta potencia
- » Ventilación asistida por convección de aire a través de la pieza polar y ranuras laterales exclusivo (C.A.F.)
- » *Low-Mid frequency 15" cone loudspeaker*
- » *1000 W program power handling*
- » *4" voice coil*
- » *Ceramic magnetic structure*
- » *Centre pole piece and side slot convection cooling (C.A.F.)*

Thiele-Small Parameters

F _s (Hz)	39,06
R _e (ohms)	6,10
Q _{MS}	9,94
Q _{ES}	0,33
Q _{TS}	0,32
Bl (T/m)	21,00
V _{AS} (l)	189,45
L _E at 1kHz (mH)	1,04
L _E at 10kHz (mH)	0,65
S _D (m ²)	0,0897
Efficiency (%)	3,24
X _{MAX} (mm)	6



**1000W
Mid-Woofer
Ferrite 12"**

12B



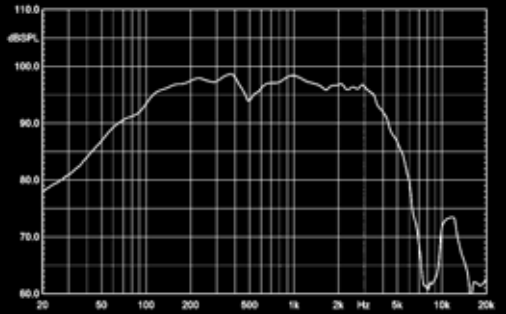
Technical Specifications

Nominal Diameter	305 mm. (12")
Nominal Impedance	8 ohms
Minimum Impedance	7 ohms
AES Power Capacity	500W
Program Power Capacity	1000W
Sensitivity	98 dB
Nominal Frequency Range	50 Hz - 5 kHz
Voice Coil Diameter	102 mm. (4")
Voice Coil Material	Aluminium Edgewound
Frame	Aluminium
Spider	Polycotton
Diaphragm	Reinforced Paper Pulp
Magnet	Anisotropic Barium Ferrite

- » Altavoz 12" de baja-media frecuencia
- » 1000 W Potencia de Programa
- » Bobina de 4" de diámetro
- » Circuito magnético de Ferrita de alta potencia
- » Ventilación asistida por convección de aire a través de la pieza polar y ranuras laterales exclusivo (C.A.F.)
- » *Low-Mid frequency 12" cone loudspeaker*
- » *1000 W program power handling*
- » *4" voice coil*
- » *Ceramic magnetic structure*
- » *Centre pole piece and side slot convection cooling (C.A.F.)*

Thiele-Small Parameters

F _s (Hz)	47,22
R _e (ohms)	6,50
Q _{MS}	10,21
Q _{ES}	0,30
Q _{TS}	0,29
Bl (T/m)	20,97
V _{AS} (l)	67,98
L _E at 1kHz (mH)	1,15
L _E at 10kHz (mH)	0,69
S _D (m ²)	0,0540
Efficiency (%)	2,30
X _{MAX} (mm)	4



**800W
Woofer
Ferrite 12"**

12P



Technical Specifications

Nominal Diameter	305 mm. (12")
Nominal Impedance	8 ohms
Minimum Impedance	7 ohms
AES Power Capacity	400W
Program Power Capacity	800W
Sensitivity	96 dB
Nominal Frequency Range	40 Hz- 5.5 kHz
Voice Coil Diameter	77 mm. (3")
Voice Coil Material	Copper
Frame	Aluminium
Spider	Polycotton
Diaphragm	Reinforced Paper Pulp
Magnet	Anisotropic Barium Ferrite

- » Altavoz 12" de baja frecuencia
- » 800 W Potencia de Programa
- » Bobina de 3" de diámetro
- » Circuito magnético de Ferrita de alta potencia
- » Ventilación asistida por convección de aire a través de la pieza polar y ranuras laterales exclusivo (C.A.F.)
- » *Low frequency 12" cone loudspeaker*
- » *800 W program power handling*
- » *3" voice coil*
- » *Ceramic magnetic structure*
- » *Centre pole piece and side slot convection cooling (C.A.F.)*

Thiele-Small Parameters

F _s (Hz)	46,19
R _e (ohms)	6,50
Q _{MS}	7,30
Q _{ES}	0,49
Q _{TS}	0,46
Bl (T/m)	15,91
V _{AS} (l)	73,64
L _E at 1kHz (mH)	1,13
L _E at 10kHz (mH)	0,65
S _D (m ²)	0,0540
Efficiency (%)	1,42
X _{MAX} (mm)	6

