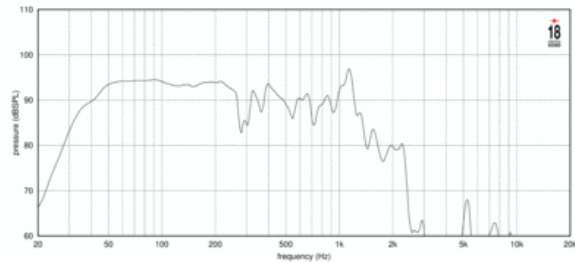
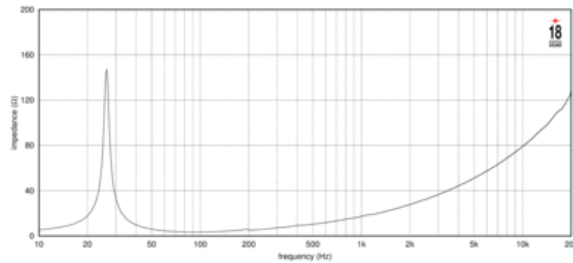


- 97 dB SPL 1W / 1m average sensitivity
- 100 mm (4 in) Interleaved Sandwich Voice coil (ISV)
- 3200W program power handling
- 60 mm (2,76 in) peak to peak excursion
- Ultra linear dual magnet motor design
- Single Demodulating Ring (SDR) for lower distortion
- Composite reinforced straight ribbed cone
- Optimized high grade ferrite magnet assembly
- Recommended for subwoofer usage in compact vented enclosures

The 21LW2600 is a 21" (533 mm) extended low frequency loudspeaker, designed for use in vented enclosures and infra subwoofers. The loudspeaker is designed to withstand high power levels without damage while providing clean and undistorted LF reproduction at a very high SPL. For optimum results we recommend amplifiers able to deliver 3200Watt program power. The 21LW2600 features a unique motor featuring a high grade ferrite magnet assembly in a structure optimized for thermal and magnetic efficiency. 21LW2600 features include a large displacement suspension system which, in conjunction with a composite reinforced, straight ribbed cone allows an ultra-linear piston action and provides full mechanical control across the entire working range. The 100mm (4 in) state-of-the-art voice-coil utilizing Interleaved Sandwich Voice coil (ISV) technology, provides high levels of thermal stability and durability. The ISV technology achieves a balanced linear motor unit exerting an exceptionally high force factor.



SPECIFICATIONS

Nominal Diameter	533 mm (in)
Nominal Impedance	4 Ω
Minimum Impedance	3.5 Ω
Nominal Power Handling ¹	1600 W
Continuous Power Handling ²	3200 W
Sensitivity ³	97.0 dB
Frequency Range	35 - 1400 Hz
Voice Coil Diameter	100 mm (4.0 in)
Winding Material	copper

DESIGN

Surround Shape	Triple roll
Cone Shape	Curvilinear
Magnet Material	Ferrite
Woofer Cone Treatment	Reinforced, water repellent, treated paper
Recommended Enclosure	250.0 dm ³ (8.83 ft ³)
Recommended Tuning	32 Hz

PARAMETERS⁴

Resonance Frequency	27 Hz
Re	2.59 Ω
Qes	0.29
Qms	22.8
Qts	0.29
Vas	332.0 dm ³ (11.72 ft ³)
Sd	1661.9 cm ² (257.6 in ²)
η _o	2.1 %
X _{max}	14.6 mm
X _{var}	16.0 mm
M _{ms}	415.0 g
Bl	24.9 Txm
Le	1.65 mH
EBP	93 Hz

MOUNTING AND SHIPPING INFO

Overall Diameter	545 mm (21.46 in)
Bolt Circle Diameter	520 mm (20.47 in)
Baffle Cutout Diameter	492.0 mm (19.37 in)
Depth	245 mm (9.65 in)
Flange and Gasket Thickness	18 mm (0.71 in)
Net Weight	17.1 kg (37.7 lb)
Shipping Weight	18.1 kg (39.9 lb)
Shipping Box	570x570x290 mm (22.44x22.44x11.42 in)

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.