声 播 科 技
WAVE SOUND

Guangzhou Shengbo Technology Co., Ltd.
www.wavesound.com.cn · pt_vp@wavesound.com.cn
WhatsApp +1 508-488-9689
Engineered and tested in-house · Klippel / CLIO

ND2W7612

12" LF TRANSDUCER





800 W
power handling

94.2 dB
sensitivity (1 W / 1 m)

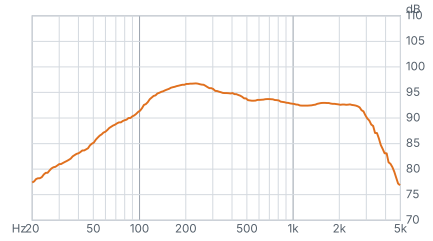
76 mm (3 in)
voice coil

50–3000 Hz
frequency range

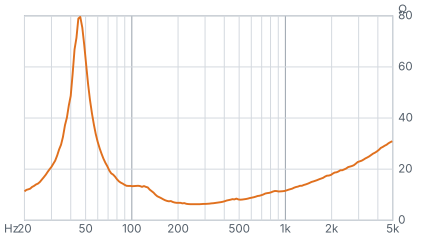
FEATURES

- 76 mm (3.0 in) voice coil, aluminium winding
- Neodymium, 75 mm OD magnet
- Dual-gap neodymium motor, dual voice coils on a single former, connected in series (8 Ω)
- Water- and UV-repellent treated cone
- 100% in-line tested: F0, frequency sweep, max-power listening check

FREQUENCY RESPONSE



IMPEDANCE



SPECIFICATIONS

Nominal Diameter	300 mm (12 in)
Nominal Impedance	8 Ω
Minimum Impedance	6.3 Ω
Power Handling	
Rated[1]	800 W
Continuous Program[2]	1600 W
Sensitivity (1 W / 1 m)[3]	94.2 dB
Frequency Range	50–3000 Hz
Voice Coil Diameter	76 mm (3.0 in)
Magnet Material	Neodymium

THIELE & SMALL PARAMETERS[4]

F_s	46 Hz
R_e	5.37 Ω
Q_{es}	0.332
Q_{ms}	4.63
Q_{ts}	0.31
V_{as}	58.5 L
S_d	594 cm²
η_0	1.65 %
M_{ms}	102 g
Bl	21.9 T·m
L_e	0.663 mH
EBP	139 Hz

DIMENSIONS

Overall Diameter	321 mm
Depth	195 mm

[1] Rated power: continuous pink noise within Fs–10·Fs (IEC 60268-5), driver in free air; power calculated on minimum impedance.

[2] Program power is defined as 3 dB above the nominal rating.

[3] Sensitivity calculated from Klippel LPM T/S parameters, 2.83 V for 8 Ω nominal, 1 m, half space. SPL curve 1 W / 1 m.

[4] Thiele-Small parameters measured with Klippel LPM (laser), small signal.