

ToneSpeak™

Model # Liverpool 1275 Part # 86043
12" Guitar Speaker, 75 Watt, 16 Ohm



Key Features

- 12" Speaker
- 75 Watts
- 16 Ohm
- 50 oz. Magnet
- 1.75" Voice Coil Diameter
- Nomex Voice Coil Former

Primary Specifications

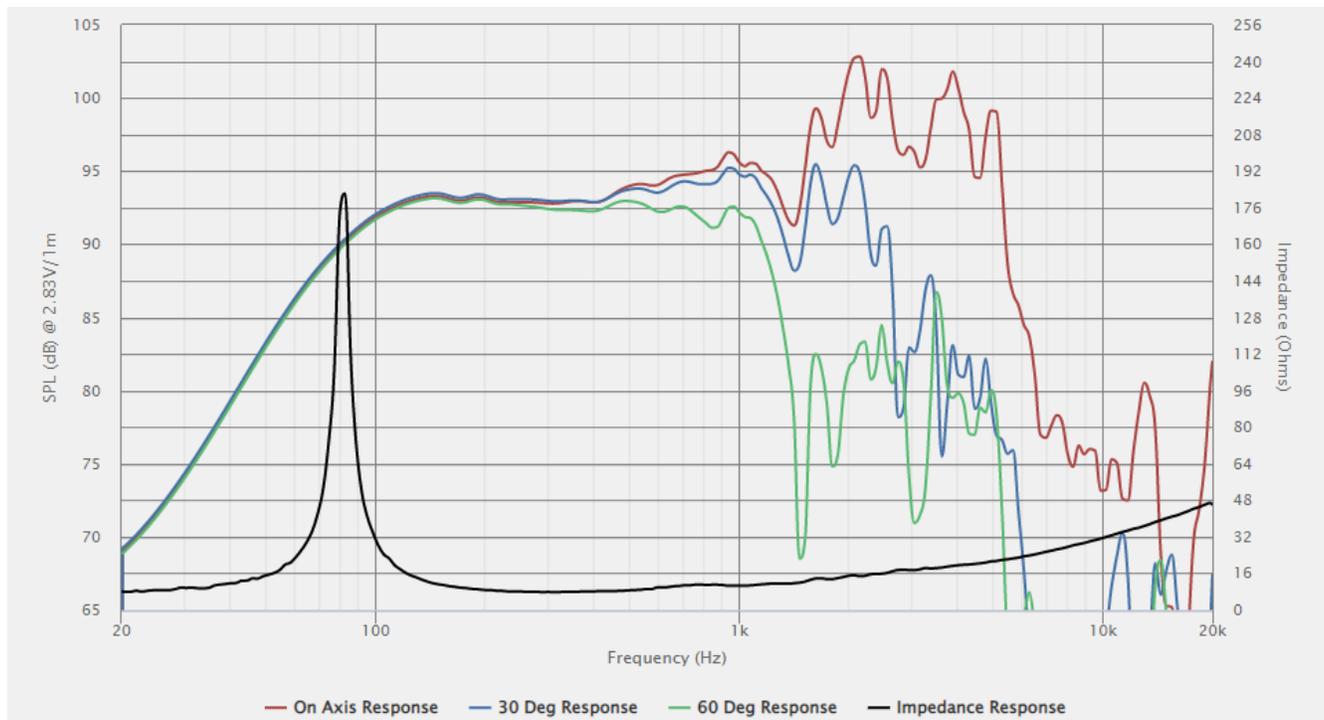
Size, Nominal (inch & mm)	12" (305 mm)
Nominal Impedance (Z) (Ω)	16
Rated Power IEC268-5 (W)	75
Sensitivity (dB SPL) ¹ (@1W/1 m)	100
Frequency range (Hz)	75 – 5,000
Resonant Frequency (Fs) (Hz)	83

Product Description

The Liverpool 1275 is the classic British rock tone, inspired by tones from the 80's. A complex, thick and vocal midrange cuts through the upper-register, while nice, full, lower-mid grunt completes the warm, gutsy, tight lows. The highs, while clear, open and articulate remain warm and ear pleasing.

Sensitivity & Impedance Curves

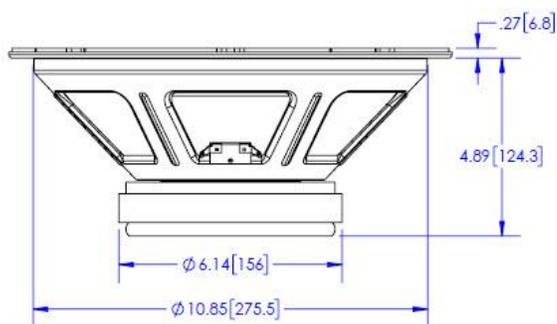
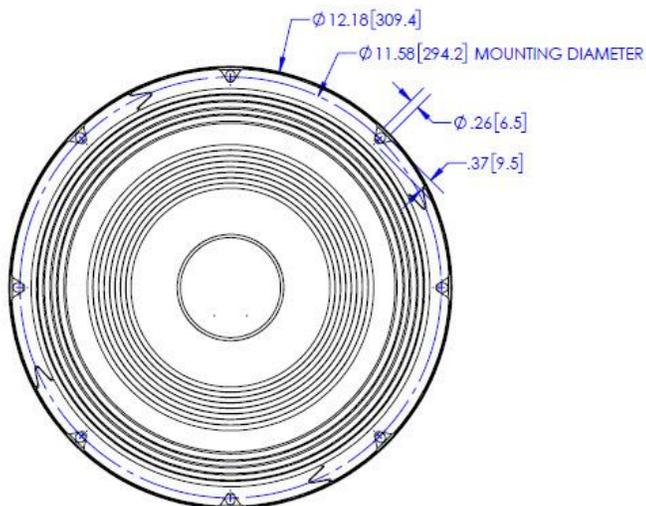
Input: 2.83 volts measured at 1 Meter



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Transducer Drawings*



*CAD file available upon request

Transducer Specifications (Klippel LPM)

Nominal Impedance (ohms)	16
DC Resistance (Re) (ohms)	14.0
Resonant Frequency (Fs) (Hz)	83
Voice Coil Inductance (Le) (mH)	0.6
Mechanical Q factor (Qms)	10.0
Electrical Q factor (Qes)	0.93
Total Q factor (Qts)	0.85
Moving Mass (Mms) (g)	30.4
Compliance (Cms) (mm/N)	0.1
Mechanical Resistance (Rms) (kg/s)	1.78
Effective Piston Area (Sd) (cm ²)	551.6
Suspension Equivalent Volume (Vas) (liters)	41.4
Force Factor (Bl) (T*m)	16.3
Efficiency (No) (%)	3.4

About ToneSpeak™

ToneSpeak guitar speakers are the result of years and years of the deep-dive for the perfect tone. Decades of testing, field experience and conversations with elite tone-chasers have all been poured into these fine products. When you play ToneSpeak, you play the best.

All ToneSpeak products are assembled in Minnesota, with parts sourced from around the world to produce the highest combination of performance, consistency, and customer value.

VERIFIED WITH
KLIPPEL

