

DARTFORD 1220

Part #: 86078

KEY FEATURES

- 12" steel basket
- 1.75" copper voice coil with a paper former
- 34 oz alnico magnet for vintage warmth
- Full paper cone with proprietary edge doping for enhanced response
- 99 dB

GENERAL SPECIFICATIONS

Nominal Diameter (in & mm)	12" (305 mm)
Nominal Impedance (Z) (Ω)	8
Rated Power IEC 60268-5 (W)	20 (40 watts program)
Magnet Weight (oz)	34
Voice Coil Diameter (in & mm)	1.75" (45 mm)
SPL (dB) 1W @ 1M	99
Frequency Range (Hz)	75Hz-5kHz

TRANSDUCER SPECIFICATIONS (KLIPPEL LPM)

Fs (Hz)	91
Re (Ω)	5.8
Le (mH)	0.32
Mms (g)	30.17
Cms (mm/N)	0.1
Bl (T*m)	9.66
Qms	18.78
Qes	1.07
Qts	1.01
Vas (Liters)	36.55
Sd (cm ²)	502.7

MATERIAL DESCRIPTIONS

Basket	Stamped steel
Magnet Material	Alnico
Cone Material	Paper
Cone Edge	Paper
Dust Cap	Cloth
Voice Coil	Copper
Voice Coil Former	Paper



PRODUCT DESCRIPTION

Since the earliest days of electric guitar amplification, alnico magnets have shaped the warm, dynamic tones that define blues, rock, and jazz. The Dartford 1220 continues this tradition, offering players a vintage-inspired sound with modern reliability.

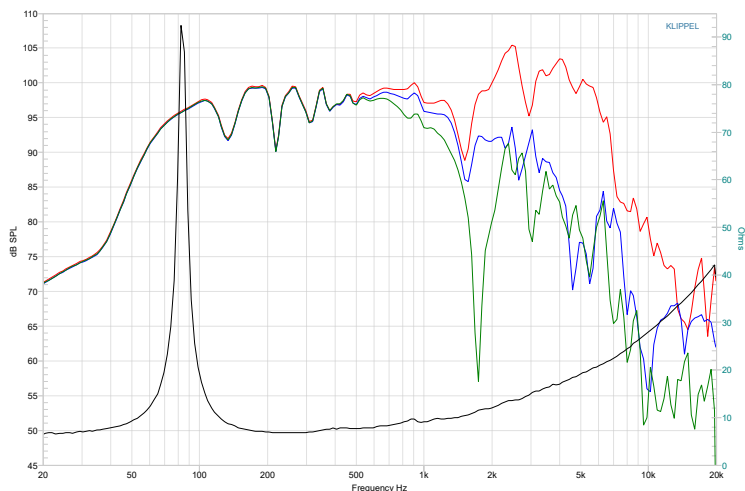
This 12-inch speaker pairs a powerful 34 oz. alnico magnet with a proprietary British paper cone, delivering warm, resonant mids, punchy lows, and a signature chime in the highs. With its naturally responsive and expressive character, the Dartford 1220 enhances the depth and detail of your playing, making it an essential upgrade for musicians seeking tonal perfection.

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SENSITIVITY & IMPEDANCE CURVES

Input: 2.83 volts measured at 1 meter



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.

