



LEGEND 121

Impedance	8 ohms
Power Rating	150Wrms
Voice Coil Diameter	2", 50.8mm
Coil Material	Copper
Flat/Round Coil Wire	Round
Coil Former Material	Kapton
Basket Type	Stamped Steel
Cone Surround Material	Paper
Dust Cap Material	Zurette
Magnet Weight	38oz.
Usable Bandwidth (Fs to -3dB)	80Hz - 5kHz
SPL	99dB

Mounting Information

Nominal Basket Diameter	12.02", 305.2mm
Baffle Hole Diameter	10.97", 278.6mm
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	11.63", 295.3mm
Depth	4.5", 114mm
Shipping Weight	9.8 lbs., 4.5 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	100Hz
Impedance (Re)	6.95 ohms
Coil Inductance (Le)	0.69mH
Electromagnetic Q (Qes)	0.95
Mechanical Q (Qms)	15.51
Total Q (Qts)	0.89
Compliance Equivalent Volume (Vas)	31.2 liters
	1.10 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	40cc
Mechanical Compliance of Suspension (Cms)	0.09mm/N
BL Product (BL)	11.6 T-M
Diaphragm Mass inc. Airload (Mms)	29 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	1.19N*sec/M
Efficiency Bandwidth Product (EBP)	105
Voice Coil Overhang (Xmax)	0.8mm
Surface Area of Cone (Sd)	506.7cm ²
Impedance at Resonance (Zmax)	121 ohms



Application Notes

Warm, rich low end, smooth mids and very loud. With a Les Paul and The Twin, the speaker is very mellow before it breaks up. It delivers more high end than the Legend V12 and has more headroom. With a Strat, it is pure Fender! Eminence recommends this combination for a 'Traditional Blues' sound and for Jazz, Funk, Country, or other applications where you need a big, fat, clean sound!

In the 2X12 Marshall application, the Legend 121 is exceptionally clear. Eminence suggests that this is a good combination for Heavy Metal or rhythm applications where lots of headroom is desired. The Legend 121 is a great replacement or upgrade!

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