

ASCENSION N30

12-Inch, Neodymium, Guitar Loudspeaker

GENERAL SPECIFICATIONS (8Ω Model)

Nominal Chassis Diameter	12" / 304.8 mm
Impedance	8 / 16 Ω
Power Rating**	30 Watts
Frequency Range	70 Hz - 5 kHz
Sensitivity (1 w - 1 m)	99 dB
Magnet Weight	0.2 Kg / 7.05 oz
Magnetic Gap Depth	8 mm / 0.31"
Flux Density	1.6 Tesla
Coil Winding Height	11 mm / 0.43"
Voice Coil Diameter	44.45 mm / 1.75"

MATERIALS OF CONSTRUCTION

Voice Coil Material	Copper
Former Material	Paper
Magnet Material	Neodymium
Chassis Material	Pressed Steel
Cone Material	Paper
Front Gasket Material	Foam
Surround / Edge Termination	Paper
Dust Dome	Fabric
Connectors	Solder Tabs

MOUNTING INFORMATION

Overall Diameter	309 mm / 12.17"
Flange Height	5 mm / 0.20"
Overall Depth	120.5 mm / 4.74"
Magnet Structure Diameter	112 mm / 4.41"
Gasket(s) Supplied	Front & Rear
Baffle Cut-out Diameter	284 mm / 11.18"
Mounting Hole Information	x4 ø8mm on 297 mm PCD
Nett Weight	2.7 Kg / 5.95 lb
Shipping Weight	3.3 Kg / 7.27 lb
Carton Dimensions	340 x 350 x 210 mm

The Ascension N30 captures the complex sonic structure usually associated with an alnico loudspeaker in a light-weight neodymium format imbued with Fane's authentic vintage tone.

Perfect for guitar players who want a 'big amp' sound from their combos for small gig situations or for those bedroom/domestic musicians who want great tone at lower volume levels. Offering a perfect balance of sound quality and portability, the N30 is suited well for 1 x 12" and 2 x 12" low- to mid-powered combo amps.

Guitar players seeking a powerful sound from their compact setups will appreciate the N30's crystal-clear tones and tight crunch, especially when played with distortion. With a dynamic range that includes punchy low-end, vocal midrange, and detailed top-end, the N30 adds depth and dimension to any high-end combo valve amp. A lightweight paper cone ensures fast response and harmonic dynamics, while delivering an impressive 99dB output sensitivity.

Available in 8 or 16 ohms, the Ascension N30 proves that lightweight speakers can still pack a punch, making it a versatile choice for enhancing your setup, whether you're looking to experiment with new sounds, upgrade your existing cabinet, or simply lighten the load of your favourite combo amp.

THIELE SMALL PARAMETERS

Fs	70 Hz	Vas	65.04 Litres
Re	7.6 Ω	Vd	0.077 Litres
Le	0.29 mH	Sd	510.71 cm ²
L2	0.74 mH	Cms	0.18 mm/N
R2	18.68 Ω	BL	15.03 T/m
Qms	16.39	Mms	32.7 g
Qes	0.46	Xmax / Xlim	1.5 mm / 6 mm
Qts	0.45	Efficiency %	3.95 %

IMPEDANCE AND FREQUENCY RESPONSE

