

ASCENSION F25

12-Inch, Ceramic, Guitar Loudspeaker



GENERAL SPECIFICATIONS (8Ω Model)

Nominal Chassis Diameter	12" / 304.8 mm
Impedance	8 / 16 Ω
Power Rating	25 Watts
Frequency Range	75 Hz - 5 kHz
Sensitivity (1 w - 1 m)	98 dB
Magnet Weight	1 Kg / 35.27 oz
Magnetic Gap Depth	8 mm / 0.31"
Flux Density	1.3 Tesla
Coil Winding Height	10.7 mm / 0.42"
Voice Coil Diameter	44.45 mm / 1.75"

MATERIALS OF CONSTRUCTION

Voice Coil Material	Copper
Former Material	Paper
Magnet Material	Ceramic
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	127.5 mm / 5.02"
Magnet Structure Diameter	133.5 mm / 5.26"
Gasket(s) Supplied	Front & Rear
Baffle Cut-out Diameter	284 mm / 11.18"
Mounting Hole Information	x4 ø8mm on 297 mm PCD
Nett Weight	3.55 Kg / 7.83 lb
Shipping Weight	4.15 Kg / 9.14 lb
Carton Dimensions	340 x 350 x 210 mm

The Ascension F25 is a low wattage, 25 watt, ceramic magnet, guitar speaker with an emphasis on crunch and mid-range presence. A well-balanced driver, equally suited to classic rock sounds as it is jazz, heavy metal or punk.

The F25's tonal character possesses a detailed, yet reduced, top-end that paves the way for a super-satisfying mid punch to chords and cut-through lead tones without being too sharp or shrill. Clean tones are warm, detailed and not overly bright.

The F25 is great for low powered amps but really comes alive when used with high powered amps in 4x12 configurations or valve amps pushed into overdrive. The unit is also lighter than our Ascension F70 or F90.

THIELE SMALL PARAMETERS

Fs	85 Hz	Vas	40.31 Litres
Re	7.53 Ω	Vd	0.077 Litres
Le	0.65 mH	Sd	511 cm ²
L2	1.23 mH	Cms	0.10 mm/N
R2	4.77 Ω	BL	12.72 T/m
Qms	16.85	Mms	32.11 g
Qes	0.79	Xmax / Xlim	1.5 mm / 6 mm
Qts	0.76	Efficiency %	2.98 %

IMPEDANCE AND FREQUENCY RESPONSE

