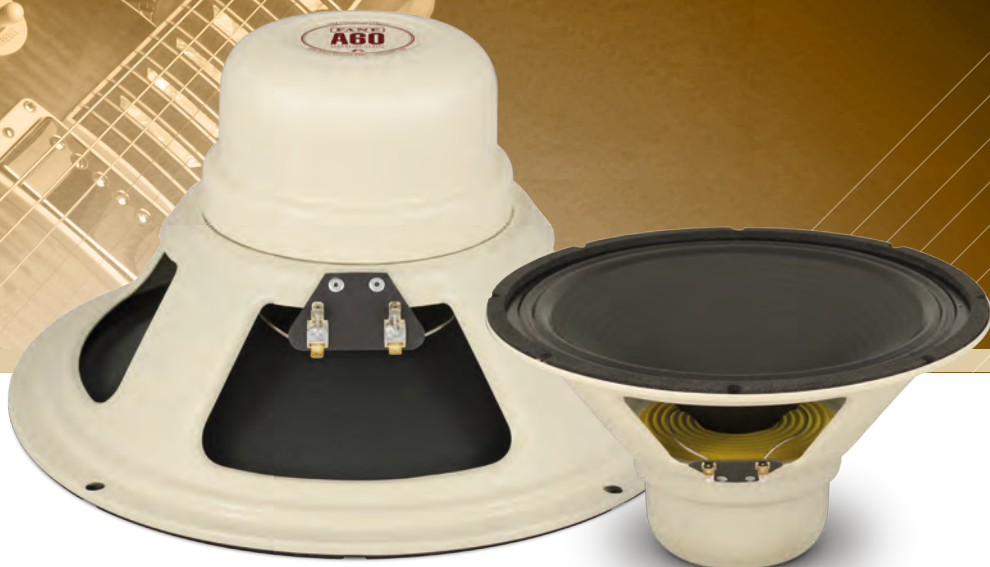


## Preliminary Specifications

# // ASCENSION A60 12-Inch Guitar Loudspeaker



### GENERAL SPECIFICATIONS (8Ω Model)

Nominal Chassis Diameter	12" / 304.8 mm
Impedance	8 / 16 Ω
Power Rating**	60 Watts
Frequency Range	70 Hz - 5 kHz
Sensitivity (1 w - 1 m)	100 dB
Magnet Weight	1 Kg / 35.27 oz
Magnetic Gap Depth	8 mm / 0.31"
Flux Density	1.4 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	Glass Fibre
Magnet Material	Alnico
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	166.5 mm / 6.56"
Magnet Structure Diameter	102 mm / 4.02"
Gasket(s) Supplied	Front & Rear
Baffle Cut-out Diameter	284 mm / 11.18"
Mounting Hole Information	4 x ø8mm on 297 mm PCD
Nett Weight	4.1 Kg / 9.04 lb

The Ascension A60 is a 12-inch, 60 watt, Classic Alnico driver. While its stunningly simple 'old school' visual statement will elicit an instant smile, you will find yourself unprepared for the sonic impact about to be experienced. The keyword here is balance. Every note and harmonic will immediately sound like it has been perfectly expressed.

Providing a refined tonal 'flavour' of the Ascension F70, the A60's detailed, shimmering top-end is never pointed and harsh. It's clear distinct low end coupled with the characteristic Fane vocal mid-range will present the player with an entirely renewed appreciation of harmonic structure. Designed specifically to reveal all of the subtle nuances of a finely crafted tube amplifier, the A60 is tailor made for players looking to explore new sonic territory while enhancing an amplifiers signature voice.

### THIELE SMALL PARAMETERS

Fs	70 Hz	Vas	67.9 Litres
Re	7.25 Ω	Vd	0.077 Litres
Le	0.33 mH	Sd	511 cm <sup>2</sup>
L2	0.78 mH	Cms	0.18 mm/N
R2	27.92 Ω	BL	14.22 T/m
Qms	17.32	Mms	31.13 g
Qes	0.45	Xmax / Xlim	1.5 mm / 6 mm
Qts	0.44	Efficiency %	4.22 %

### IMPEDANCE AND FREQUENCY RESPONSE

