

MODEL: AC304P30-MI-8

12" Guitar

30W

Description

A hand crafted Australian made ferrite magnet electric guitar loudspeaker made to replicate vintage 60's guitar models. Where possible materials and processes used in the 60's has been employed to regain the vintage sound.

The 30W cone is produced in house under our control from a blend of natural renewable Eucalypt and Hemp fibres; this fibre formulation delivers the classic Australian tone. This Australian tonal voice, musicians choice, is based upon prior art and research developed and refined over 30 years of inhouse paper cone manufacturing experience.

This model employs a copper voice-coil wound onto Kraft paper bobbin to emulate the sixties sound, this prior art produces a nominal 30Watt-power rating. The voice-coil is adhered to the cone body with a selected adhesive to ensure reliable performance but retain the sixties voicing characteristics.

The voice-coil, cone materials, and magnet properties have been selected to emulate high efficiency, bright top typical of guitar loudspeakers manufactured by Rola in the 60's, this model only requires moderate amplifier power for delivery. The magnet assembly has been FE optimized and the machined components are finished in e-coat for superior corrosion resistance.

This Australian hand crafted model is an excellent choice for serious musicians where high efficiency, classic 60's performance and reliability are desired.

Application

Best match with guitar amplification up to 30W. This model experiences cone breakup at a moderate 15W thereby delivering vintage tone with crunch and overdriven character at rated power to emulate guitar speakers made in the 60's.

Options

Model	Impedance
AC304P30-MI-8	8 ohm
AC304P30-MI-16	16 ohm

This datasheet applies to our AC304P30-MI-8 model.



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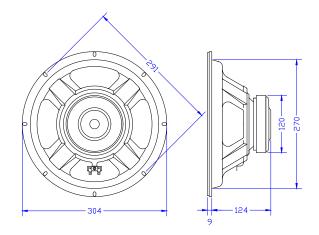
30W

Technical Data

Typical measured Thiele/Small parameters

Specifications subject to change without notice.

Mounting Details



Baffle opening diameter

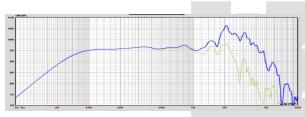
Front mounting 273 mm Rear mounting 273 mm

Mounting pattern:

eight 6 x 9 mm slots equi-spaced on 291 mm PCD.

Flange thickness 9 mm

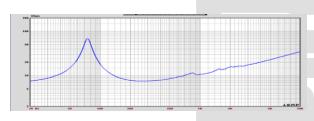
Frequency Response



Infinite baffle sound pressure response recorded at 2.83V at one meter.

Blue curve - on axis spl response
Green curve - 30 degrees off axis response

Impedance plot



Free-air impedance magnitude plot.

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