

Bass Guitar Speakers

BN12-300S (4)

12-inch neodymium bass guitar speaker



12-inch bass speakers deliver an ideal combination of responsiveness and rock solid low end. This highly efficient lightweight neodymium bass speaker is a strong performer whatever your rhythmic style.

General Specifications

Nominal Diameter	304.8mm / 12in
Power Rating	300W
Rated impedance	4 Ω
Sensitivity	99dB
Magnet type	Neodymium
Voice coil diameter	63.5mm / 2.5in
Voice coil material	Copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Frequency range	50-4000Hz
Gap height (Hg)	8mm / 0.31in
VC winding height (Hvc)	13mm / 0.51in

Mounting Information

Cut-out diameter	283mm / 11.1in
Diameter	309mm / 12.2in
Mounting hole dimensions	7.9mm / 0.31in
Mounting hole PCD	297mm / 11.7in
Number of mounting holes	4
Chassis depth (inc gasket)	96mm / 3.76in
Magnet depth	37mm / 1.44in
Overall depth	132mm / 5.2in
Unit weight	2.0kg / 4.4lb

## Parameters

Sd	530.9cm <sup>2</sup> / 82.29in <sup>2</sup>
Fs	51.4Hz
Mms	48.31g / 1.7oz
Qms	3.64
Qes	0.395
Qts	0.356
Re	2.72 $\Omega$
Vas	80.6l / 2.85ft <sup>3</sup>
Bi	10.37Tm
Cms	0.198mm/N
Rms	4.296kg/s
Le (at 1kHz)	0.26mH
Xmax	2.5mm / 0.098in