# CELESTION

## **Bass Guitar Speakers**

### BN15-300X

15-inch neodymium bass guitar speaker





BN15-300X neodymium bass speakers have a lightweight magnet for increased portability and is purpose built to provide 300-watt power handling and a rich warm bass tone.

### **General Specifications**

Nominal Diameter Power Rating Rated impedance Sensitivity Magnet type Voice coil diameter Voice coil material Former material Cone material Surround material Frequency range Gap height (Hg) VC winding height (Hvc)

381mm / 15in 300W 4 Ω 96dB Neodymium 63.5mm / 2.5in Copper Polyimide Kevlar loaded paper Cloth-sealed 42-3500Hz 8mm / 0.31in 16mm / 0.62in

#### **Mounting Information**

Cut-out diameter Diameter Mounting hole dimensions

Mounting hole PCD Number of mounting holes Chassis depth (inc gasket) Magnet depth Overall depth Unit weight 351mm / 13.8in 385mm / 15.2in 9.2x6.2mm / 0.36x0.2 4in 369mm / 14.5in 8 116mm / 4.56in 37mm / 1.44in 152mm / 6in 2.3kg / 5.1lb

#### Parameters

Sd	855.3cm2 / 132.57in <sup>2</sup>
Fs	57.8Hz
Mms	84.24g / 2.97oz
Qms	4.49
Qes	1.1
Qts	0.9
Re	3.19 Ω
Vas	98.7l / 3.48ft 3
Bi	9.13Tm
Cms	0.09mm/N
Rms	6.42kg/s
Le (at 1kHz)	0.39mH
Xmax	4mm / 0.15in



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