

GOTTA GET BACK TO THE REAL NITTY-GRITTY...

Create your next signature sound with the Boston 10-inch guitar speaker. Spotlight your tone with a driver delivering warm, articulate bottom-end, scooped mids, and blooming highs.

This model includes a good old-fashioned 60s-style Alnico magnet assembly for an ultra-quick impulse response. The often misunderstood magic of Alnico is that it partially and temporarily demagnetizes when you push them hard, applying a simple compression effect that adds a satisfying sense of sweetness that can't be beat.

- American tone guitar speaker.
- 10 inch (250 mm) steel basket diameter
- 20 watts, 8 ohm, 96" B SPL
- 1-inch copper voice coil, Kraft paper former
- 6.8 oz alnico magnet
- USA-made seamed paper cone

[CHECK OUR DISTRIBUTORS PAGE](#) for international customers to see what is available near you.

ToneSpeak guitar speakers result from years and years of deep-dive for the perfect tone. Decades of testing, field experience, and conversations with elite tone-chasers have all been poured into these fi products. When you play ToneSpeak, you play the best.



Primary Specifications

Size, Nominal (inch & mm)	10" (250 mm)
Rated Impedance (Ω)	8
Continuous Power (W)	20
Sensitivity (dB SPL) ¹	96
Frequency Range (Hz)	55 - 6, 200
Resonant Frequency (Fs) (Hz) +/- 15%	104

More Specifications

Application	Musical Instruments
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	6.3
Program Power (W)	40
Continuous Power (W)	20

Small Signal Parameters

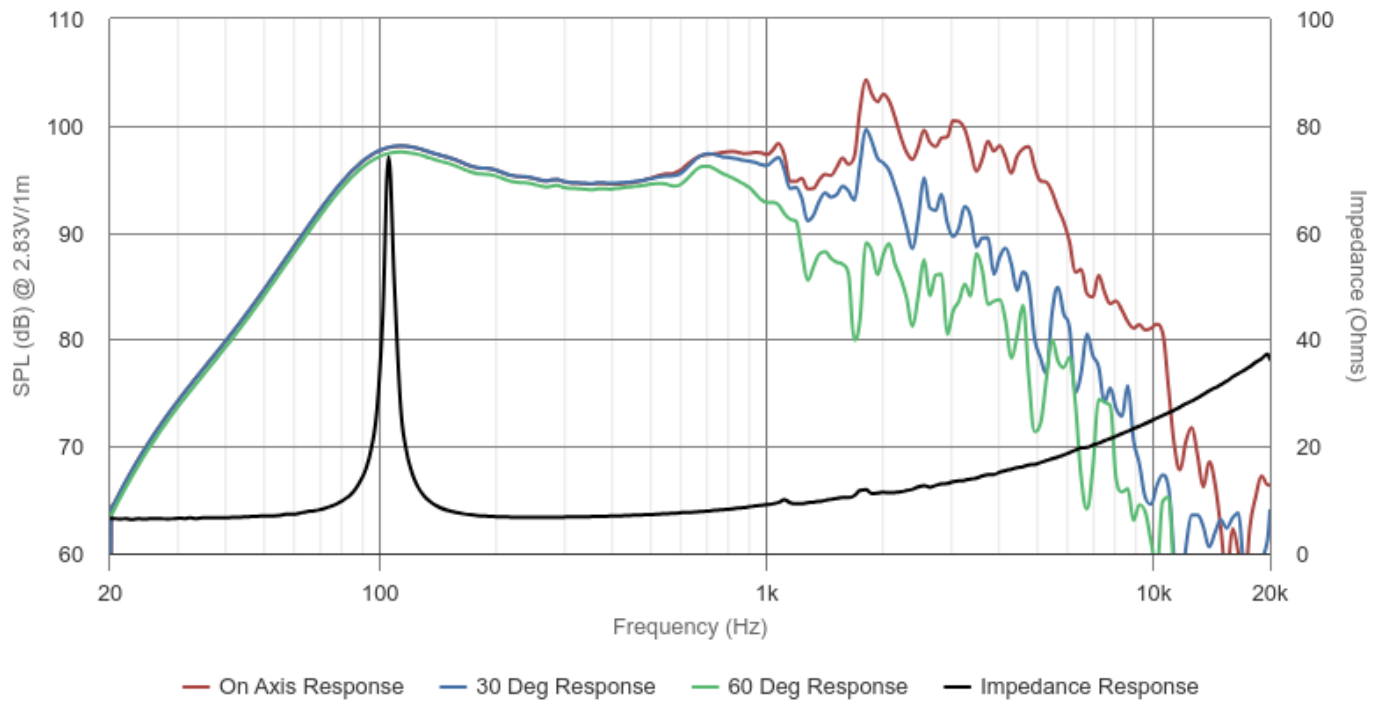
Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.3
Voice Coil Inductance (Le) (mH)	0.35
Resonant Frequency (Fs) (Hz) +/- 15%	104
Mechanical Q Factor (Qms)	19.9
Electrical Q Factor (Qes)	1.77
Total Q Factor (Qts)	1.63
Moving Mass (Mms) (gm)	17.5
Suspension Compliance (Cms) (mm/N)	0.1
Mechanical Resistance (Rms) (kg/s)	0.58
Surface Area of Diaphragm (Sd) (cm²)	397.6
Compliance Equivalent Volume (Vas) (L)	29.6
Motor Force Factor (BL) (T•M)	6.4
Efficiency (η_0) (%)	1.83
Efficiency Bandwidth Product (EBP) (Fs/Qes)	58.8

Material Descriptions

Basket Type	Cold-rolled steel
Terminal Size (mm)	5.2 x 0.5 (Dual lug)
Voice Coil Diameter (mm)	25.4
Voice Coil Wire Material	Copper
Voice Coil Former Material	Kraft paper
Magnet Material	Alnico
Magnet Weight (g)	192.77
Cone Body Material	Paper composite
Cone Surround Material	Paper composite
Dust Cap Material	Felt



Frequency & Impedance Response



Highcharts.com