

YOU SAY YOU WANT A SPEAKER, BUT YOU CAN'T MAKE UP YOUR MIND...

A broad response ideal for either lead or rhythm guitar, as well as a deep range for dropped tuning, lets the Minneapolis breathe new life into your tone. An American-made purple paper cone (honoring our favorite local legend) is anchored into a robust steel basket and delivers a strong and even tone for lows, mids, and highs.

This 10 in. model provides high sensitivity by using a high-power ferrite magnet and the same 1.75 in. voice coil used in the 12 in. ToneSpeak series is a perfect upgrade for anyone looking to add a little more oomph to their tube amp.

- American tone guitar speaker
- 10 in. (250 mm) steel basket diameter
- 50 watts, 8 ohm, 97 dB SPL
- 1.75 in. aluminum voice coil, Nomex former
- USA-made purple paper cone
- 35 oz ferrite magnet

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

ToneSpeak guitar speakers are the result of 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 fine 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)	50
Sensitivity (dB SPL) ¹	97
Frequency Range (Hz)	55 - 5, 500
Resonant Frequency (Fs) (Hz) +/- 15%	97

More Specifications

Application	Musical Instruments
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	7.1
Program Power (W)	100
Continuous Power (W)	50

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	7.1
Voice Coil Inductance (Le) (mH)	0.41
Resonant Frequency (Fs) (Hz) +/- 15%	97
Mechanical Q Factor (Qms)	18.89
Electrical Q Factor (Qes)	0.72
Total Q Factor (Qts)	0.7
Moving Mass (Mms) (gm)	23.83
Suspension Compliance (Cms) (mm/N)	0.1
Mechanical Resistance (Rms) (kg/s)	0.74
Surface Area of Diaphragm (Sd) (cm²)	397.6
Compliance Equivalent Volume (Vas) (L)	26.2
Coil Winding Height (mm)	10.92
Motor Force Factor (BL) (T•M)	11.73
Efficiency (η_0) (%)	3.21
Efficiency Bandwidth Product (EBP) (Fs/Qes)	134.58

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	5.2 x 0.5
Voice Coil Diameter (mm)	44.5
Voice Coil Wire Material	Copper clad aluminum
Voice Coil Former Material	Nomex
Magnet Material	Ferrite
Magnet Weight (g)	992.23
Cone Body Material	Paper composite
Cone Surround Material	Paper composite
Dust Cap Material	Cloth



Frequency & Impedance Response

