

This wide-range speaker provides high output and sensitivity from a small footprint. A woven kevlar cone with treated half-roll cloth edge provides extended frequency response and durability in a wide variety of applications. It is also an excellent choice for applications requiring extended frequency range such as gaming audio, Ultra-Sound audio, and broad range music or voice. This front or rear mountable wide range speaker is a great choice to pair with a sub-woofer and cross-over at 200 Hz. It also a great replacement or upgrade driver.

- Wide Range Speaker
- 2.25" (57 mm) basket diameter
- 10 watts, 8 ohms, 80 dB SPL
- 0.8" aluminum voice coil, Kapton former
- Dual neodymium magnet, stamped steel basket
- Kevlar fiber cone, cloth surround



Primary Specifications

Size, Nominal (inch & mm)	2" (50 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) ¹	80
Frequency Range (Hz)	140 - 18,000
Resonant Frequency (Fs) (Hz) +/- 15%	154

More Specifications

Application	Arcade Gaming, Casino Gaming, Home Audio, Voice Communications
RoHS Compliant	Yes
DC Resistance (Re) (Ω)	7.2
Program Power (W)	20

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	7.2
Voice Coil Inductance (Le) (mH)	0.16
Resonant Frequency (Fs) (Hz) +/- 15%	154
Mechanical Q Factor (Qms)	2.35
Electrical Q Factor (Qes)	0.77
Total Q Factor (Qts)	0.57

Material Descriptions

Basket Type	Stamped Steel with black powder coat painting.
Terminal Size (mm)	5.2 x 0.5 / 2.8 x 0.5
Voice Coil Diameter (mm)	20.3
Voice Coil Wire Material	Aluminum
Voice Coil Former Material	Kapton
Magnet Material	Dual neodymium magnet
Magnet Weight (g)	2 x 17
Cone Body Material	Woven kevlar fiber
Cone Surround Material	Treated cloth surround
Spider Material	Cotton
Dust Cap Material	Engineered paper
Net Weight (kg)	0.13 kg



