

Mini Hi-Fi Woofer 5W 8Ω

- Perfect for a mini hi-fi speaker system
- Combine with a tweeter for a great compact system
- Can be LED backlit

Suitable for building a mini speaker system or MP3 player docking station amplifier project, these mini hi-fi speakers look and sound great. As a pair the [SP0021 tweeter](#) and the SP1013 woofer make a great sounding compact system – just add a [2.2uF polyester capacitor \(CC2177\)](#) as a crossover capacitor for the tweeter.

Specifications

Impedance (Ω)	8
Max. Rated Input (W)	5
Free Air Resonance (Hz)	450±90
Sensitivity	89 ± 2dB/W/M, 2.83 V
Frequency Range	fo ~ 15kHz
Sine Wave Test (V)	3.5
Weight (g)	120
Life Test	3W, 8H, EIA white noise
Cone Material	Mylar
Dimensions (mm)	66H X 66W X 30D
Mounting Holes	55mm Centre to Centre

Voice Coil Specifications

Diameter (mm)	13.28
Length (mm)	3.5
Layer (mm)	2
Former Material	PSV
Wire Material	SVW

Magnet Specifications

Diameter (mm)	45
Height (mm)	8
Weight (g)	48
Gap H (mm)	3



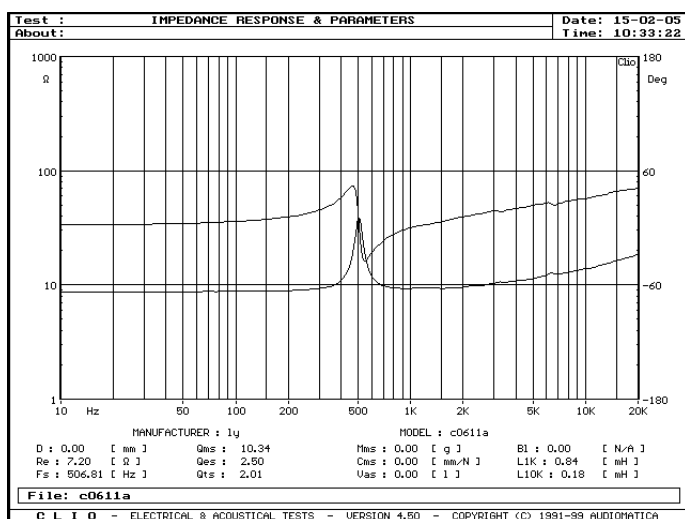
Data Sheet

SP1013

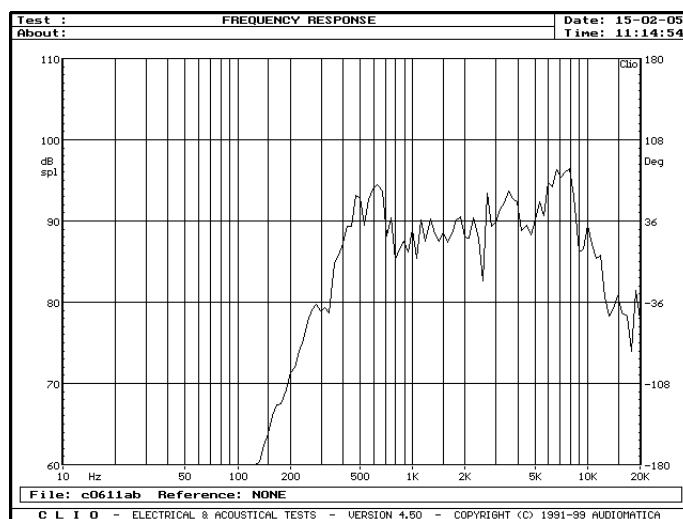
Parameters

DC Resistance (Re)	7.2 Ω
Resonance Frequency (Fs)	506.81Hz
Maximum Impedance (Zm)	37.0 Ω
Mechanical Q Factor (Qms)	10.34
Electrical Q Factor (Qes)	2.50
Total Q Factor (Qts)	2.01
Linear Displacement (Xmax)	0.25mm
Voice Coil Inductance (Le[1K])	0.84mH

Impedance Resonse & Parameters



Frequency Resonse



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