

3.5" Woofer

multicomp PRO



Specifications

Dimensions	: 3.5" (98mm)
Impedance	: 8Ω
Input	: Max. 15W
Free Air Resonance	: 100 ±20Hz
Sensitivity	: 83±2 δB/W/M, 2.83V
Frequency Range	: FO ~ 18000Hz
Sine Wave Test	: 8V
Weight	: 560 grams
Life Test	: 10W, 8H, EIA white noise
Basket	: Die cast (Aluminium)
Phase Plug	: Aluminium, Pole with copper cap

Voice Coil

Diameter	: 25.4mm
Length	: 4mm
Layer	: 2mm
Former Material	: Black Aluminium (BASV)
Wire Material	: Copper Clad Aluminium (CCAW)

Cone Paper

Cone Material	: Paper+ Kevlar Fibre
Surround Material	: Rubber

Magnet

Diameter	: 65mm
Height	: 15mm
Material	: Ferrite
Weight	: 189g
Gap(H)	: 6mm

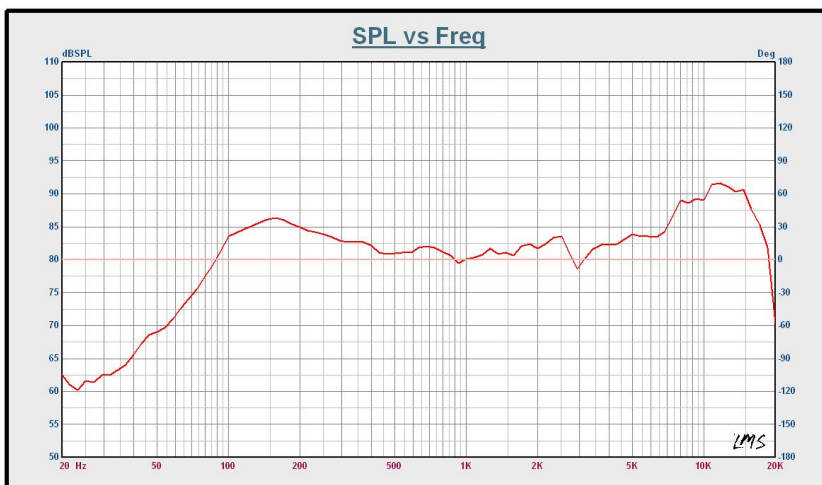
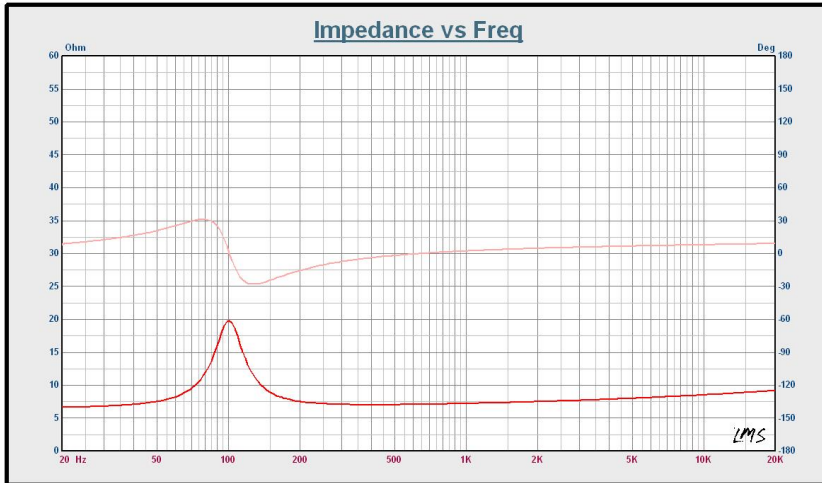
Parameters

DC Resistance	: Re: 6.3Ω
Resonance Frequency	: Fs: 100.7Hz
Maximum Impedance	: Zm: 19.83Ω
Mechanical Q Factor	: Qms: 3.524
Electrical Q Factor	: Qes: 1.687
Total Q Factor	: Qts: 0.33
Linear Displacement	: Xmax: -1mm
Moving Mass	: Mms: 2.65g
Equivalent Volume	: Vas: 1.87(1)
Sensitivity	: SPL: 82.4 (δB)
Suspension Compliance	: Cms: 0.943mm/N
BL product	: Bl: 2.502 (N/A)
Driver Piston Diameter	: D: 69mm
Voice Coil Inductance	: Le(1K): 0.4mH

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Part Number Table

Description	Part Number
3.5" Woofer with Paper/Kevlar Fibre Cone and Rubber Surround, 8Ω	55-5650

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