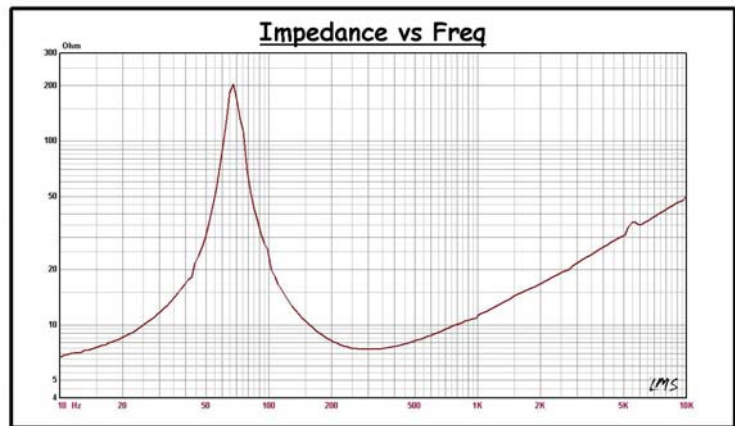
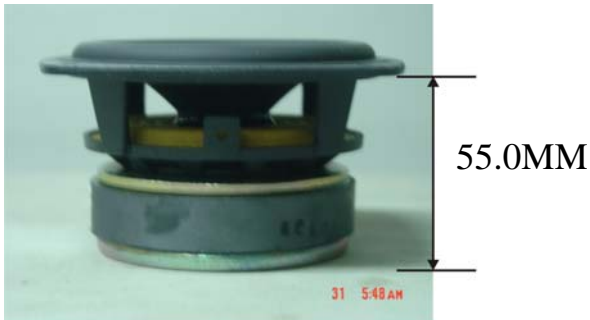




ADVANCEDSTI
SOUND TECHNOLOGY INC.

LOT 10, BLK 5 PHASE II CAVITE ECONOMIC ZONE
ROSARIO, CAVITE PHILS.
TEL NO. (6346) 437-0326-27 / FAX NO. (6346) 437-0328



Model Name : AW4-30
Description : 4" WOOFER

Specification:

Impedance : 8 ohms
Power handling : 40 – 80 Watts max
Frequency Response : 60Hz – 20kHz

Features:

Aluminum frame basket
Polypropylene cone with santropene rubber surround
11.3 Oz ferrite magnet
1" aluminum former voice coil

Thiele / Small System Parameters

Equipment Used: MLSSA Software	
Area: 51.53 sq cm	Method: Fixed- Mass (8.00 grams)

Parameter	Value	Units	Description
Fs	70	Hz	Driver resonance frequency
Re	6.2	Ohms	Electrical voice coil resistance at DC
Qms	18.611		Mechanical Q-factor of driver in free air considering RMS only
Qes	0.380		Electrical Q-factor of driver in free air considering Re only
Qts	0.373		Total Q-factor considering all losses
Vas	2.189	Liters	Equivalent air volume of suspension
Mms	8.2	Grams	Mechanical mass of driver diaphragm assembly including air load and voice coil
Cms	587.031	$\mu\text{M}/\text{Newton}$	Mechanical compliance of driver suspension
Bl	7.8	Tesla-M	Force factor (Bl product)
SPL	86	dB	Sound pressure level

AW4-30

