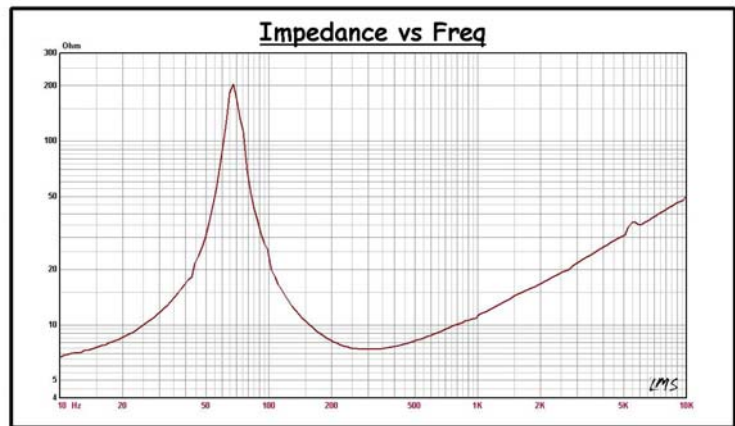
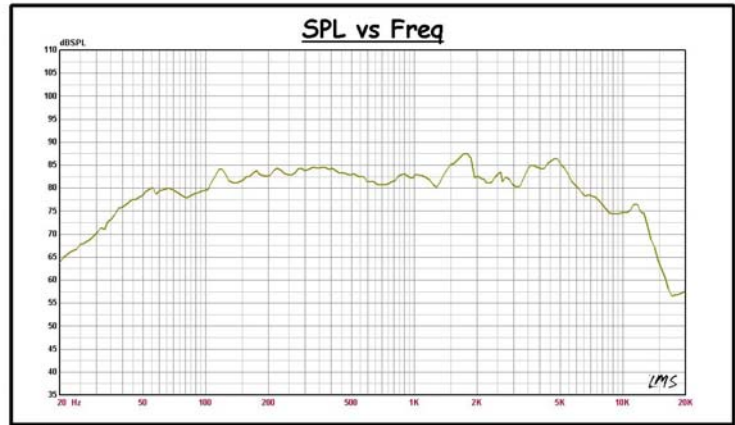
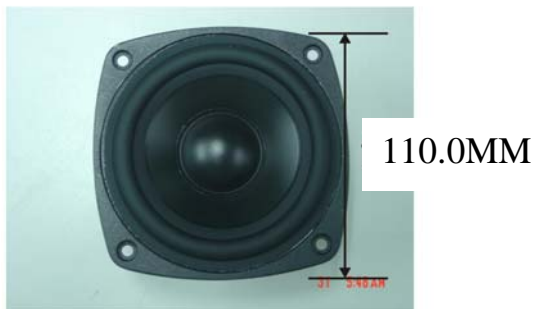
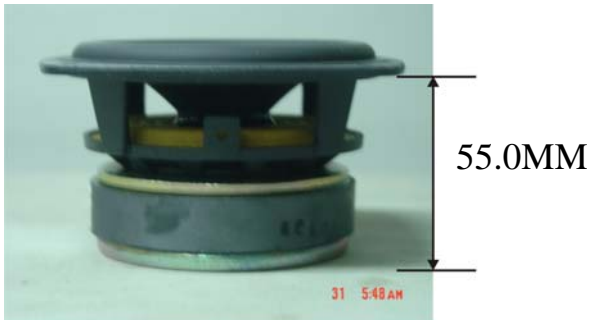




**ADVANCEDSTI**  
SOUND TECHNOLOGY INC.

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

<b>Equipment Used: MLSSA Software</b>	
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