SPECIFICATION FOR APPROVAL

Product	DYNAMIC SPEAKER
Part No.	AS-5072B08-A4T
Customer	
Approval	

Approved By	Checked By	Made By



A & B Components

http://www.speaker-tw.com

AS-5072B08-A4T

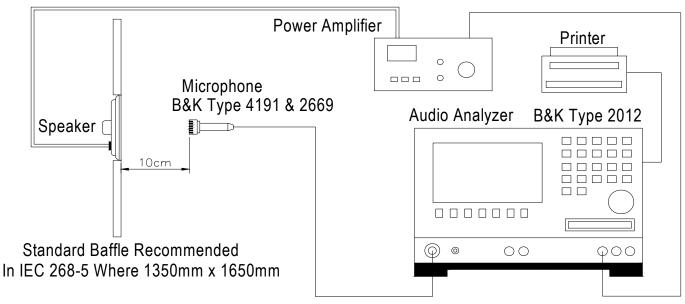
01	Туре	Dynamic speaker				
02	Dimension	External diameter 50 mm				
03	Rated Input Power	0.25 W				
04	Impedance	8 ohm ± 15% at 1500Hz				
05	Resonance Frequency (Fo)	440 Hz ± 20% at Fo, 1V				
0(83dB(W/m) ± 3 dB				
06	Sensitivity (S.P.L.)	96dB(0.25W/0.1m) ± 3 dB	at AVE 0.6K,0.8K,1.0K,1.2K(Hz).			
07	Frequency Range	Fo – 20KHz				
08	Distortion	Less than 10 % at 1500Hz 0	.25W			
09	Max. Input Power	Must be normal at 0.4W whi	te noise for 1 minute.			
10	Voice Coil	Diameter 13.5 mm				
11	Magnet	Rare earth permanent (Nd-F	e-Β) magnet Φ12.5 x 1.5mm			
12	Weight	13.2g ± 2g				
13	Appearance	Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.				
14	Operation Test	Must be normal at program s	source –0.25W			
15	Buzz, Rattle, etc.	Should not be audible at 1.4	1V sine Wave between Fo to 20KHz			
16	Polarity	When positive voltage is app diaphragm should move to the	blied to the terminal marked (+), ne front.			
17	Terminal Strength	Capable of withstand 1kg loa in any damage or rejection.	ad for 30 seconds without resulting			
18	Load Test		for 96 hours and satisfy the test			
19	High Temp. Test	Keep 96 hours at +70°C±3°C	C and leave 3 hours in normal			
Ľ		temperature and then check				
20	Low Temp. Test	temperature and then check	and leave 3 hours in normal			
21	Humidity Test	Keep 96 hours at + $60^{\circ}C \pm 3^{\circ}C$ relative humidity 95% and leave 3 hours in normal temperature and then checked.				
22	Drop Test	Drop the speakers contained in normal box onto the board 20mm thick 10 times from the height of 0.75m and then should satisfy the test listed on item 13 and 15				

Measurement Condition

Test and measurement will be carried out under normal condition of temperature within 5°C to 35°C ,relative humidity within 45% to 85% and air pressure of 860mbar to 1060mbar. Should uncertainly arise in data obtained from the above atmosphere, control of temperature At $20^{\circ}C \pm 2^{\circ}C$ and relative humidity within 60% and 70%, with air pressure remaining unchanged, To be enforced.

1.Microphone : B&K 4191 2.Standard Baffle : In IEC 268-5 Where 1350mm x 1650mm 3.Testing Distance : 0.1m 4.Zero Level : -dB 5.Mode : SPEAKER 6.Input Power : 0.25W 7.potentiometer Range : 50dB 8.Sweep Time : 0.5sec

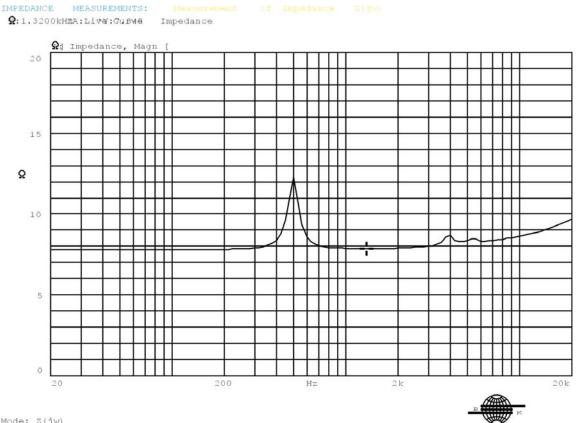
Standard test condition of speaker



Frequency Response Curve



Impedance Curve



Mode: Z(jw)

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