



PUIaudio



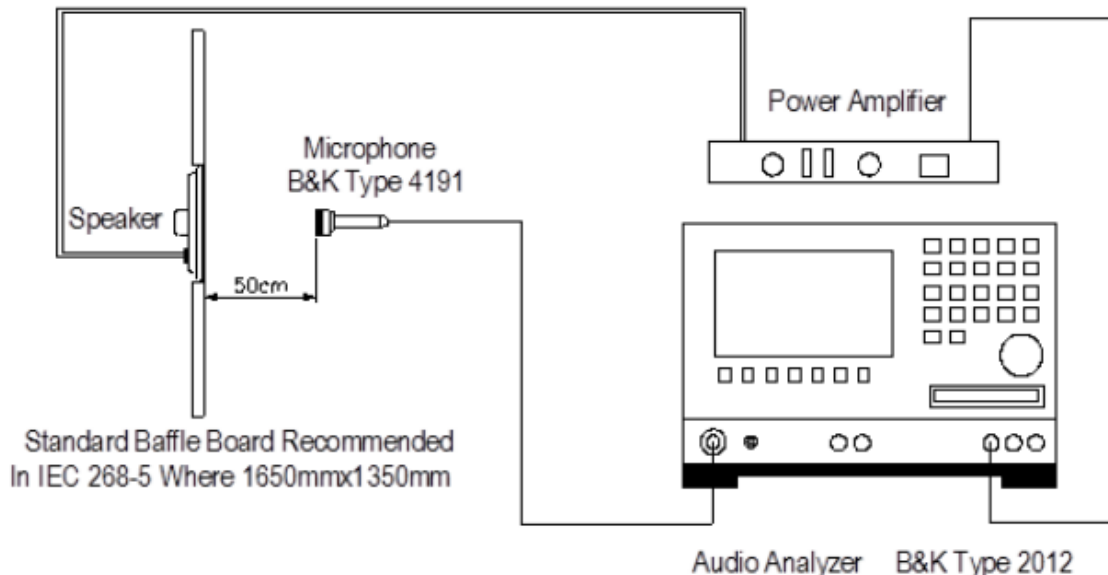
Data Sheet

AS06608MR-R

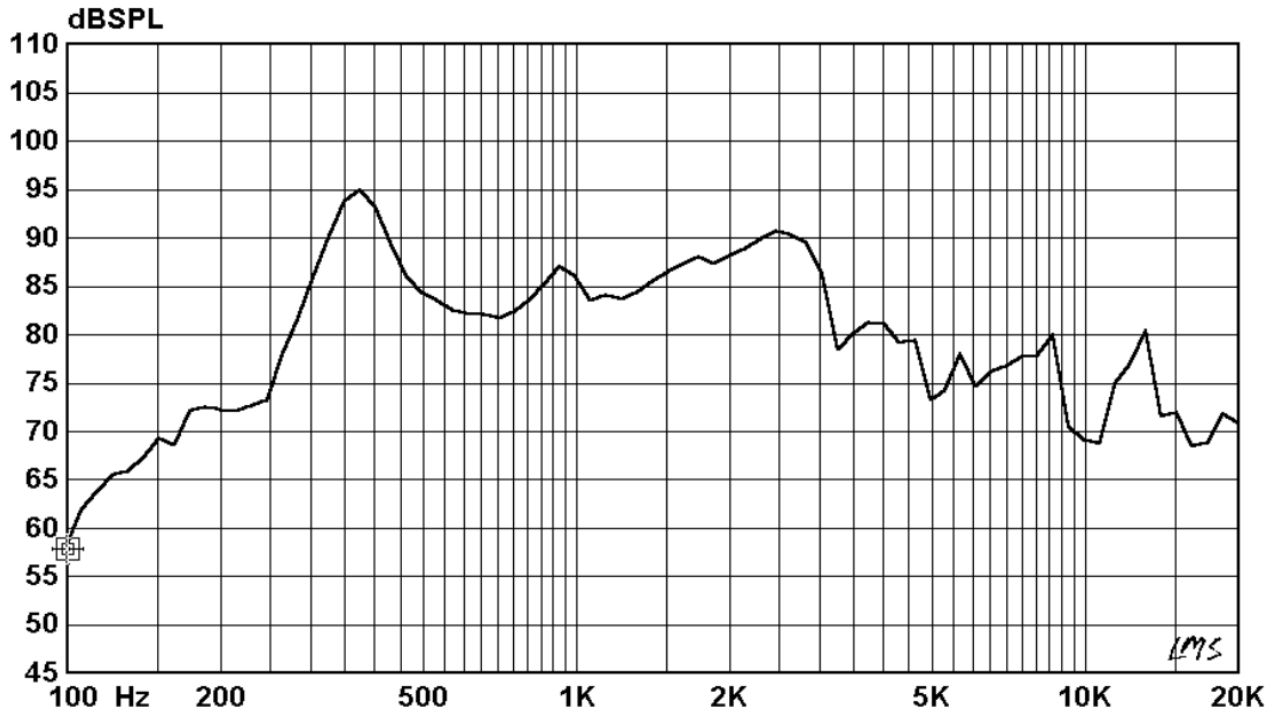
Specifications

Parameters	Values	Units
Rated Input Power	0.5	Watts
Max Input Power	1	Watts
Impedance	8±15%	Ohms
Output SPL (AVG 0.6K, 0.8K, 1K, 1.2K, 1.2KHz at 1W/1m)	84±3	dB
Resonant Frequency	380±20%	Hz
Frequency Range	Fo - 7,500	Hz
THD (@1kHz)	<5%	
Frame Material	Metal	-
Magnet Material	NdFeB	-
Diaphragm Material	Mylar	-
Weight	18	Grams
Environmental Compliances	ROHS/REACH	-
Storage Temperature	-30 to +60	°C
Operating Temperature	-20 to +60	°C

Measurement Method (Temperature: 15 ~ 35°C, Humidity: 45 ~ 75%)



Typical Frequency Response (1W/1m)

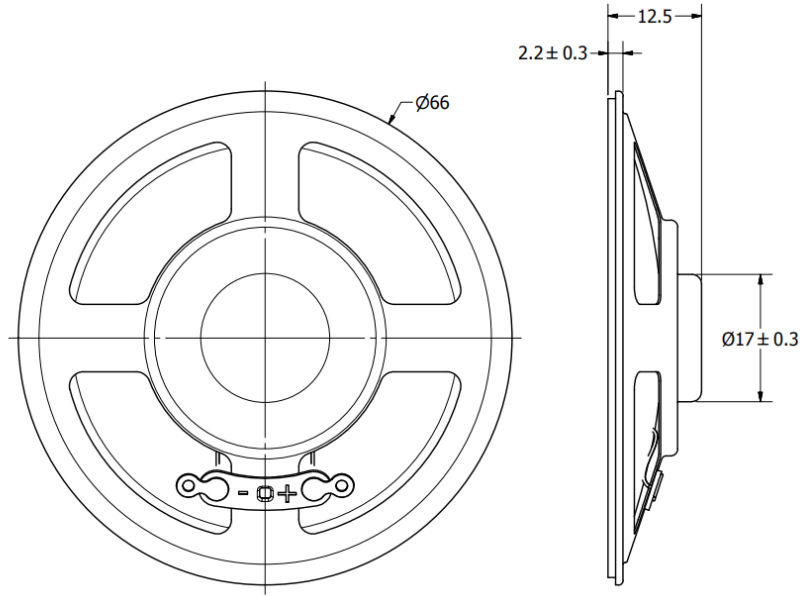


Reliability Testing

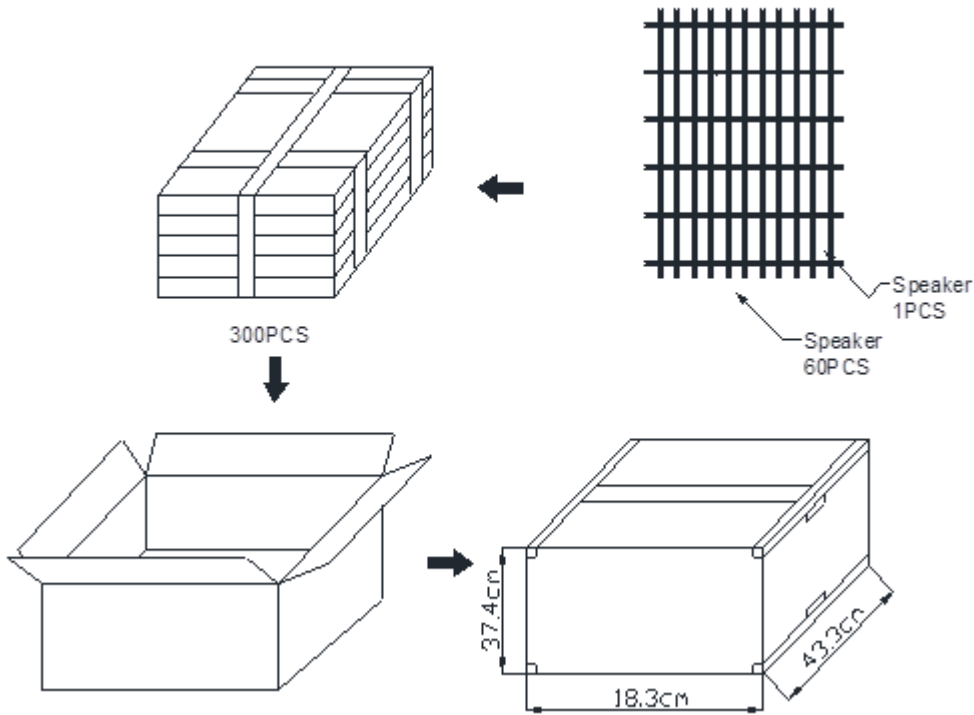
Type of Test	Test Specifications
High Temperature Test	96 hours at 60°C, then 2 hour rest in room temperature.
Low Temperature Test	96 hours at -20°C, then 2 hour rest in room temperature.
Humidity Test	96 hours at °C with relative humidity at 90±5%, then 2 hours in room temperature.
Temperature Cycle Testing	<p>Complete 5 cycles of the following test;</p>
Drop Test	Drop speakers contained in normal box onto 5mm thick wooden board 2 times from 1m height.
Load Test	Must be normal after 96 hours of white noise at 1.5W at rated frequency range.

After these tests, SPL variation should be within ±3dB.

Dimensions



Packaging



Specification Revisions

Revision	Description	Date	Approved
-	Released from Engineering	08/11/2005	
A	Revised output SPL distance	11/10/2006	D.F.
B	Revised to Inventor 3-D drawing template	06/20/2008	B.R.
C	Updated Spec and Dimensions	11/01/2013	M.L.
D	Updated Spec Format	06/06/2024	ML

Note:

1. Unless otherwise specified:
 - A. All dimensions are in millimeters.
 - B. Default tolerances are $\pm 0.5\text{mm}$ and angles are $\pm 3^\circ$.
2. Specifications subject to change or withdrawal without notice.