



PUIaudio



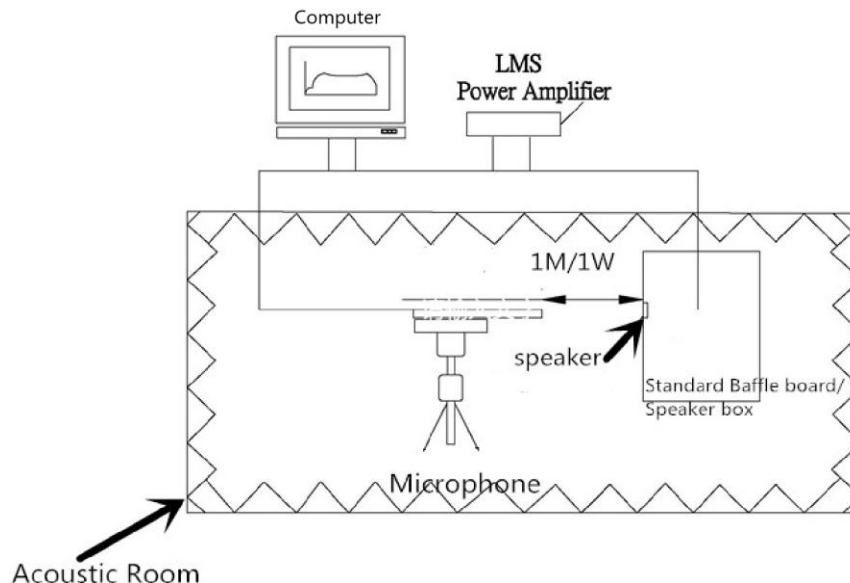
Data Sheet

ASX03304-R

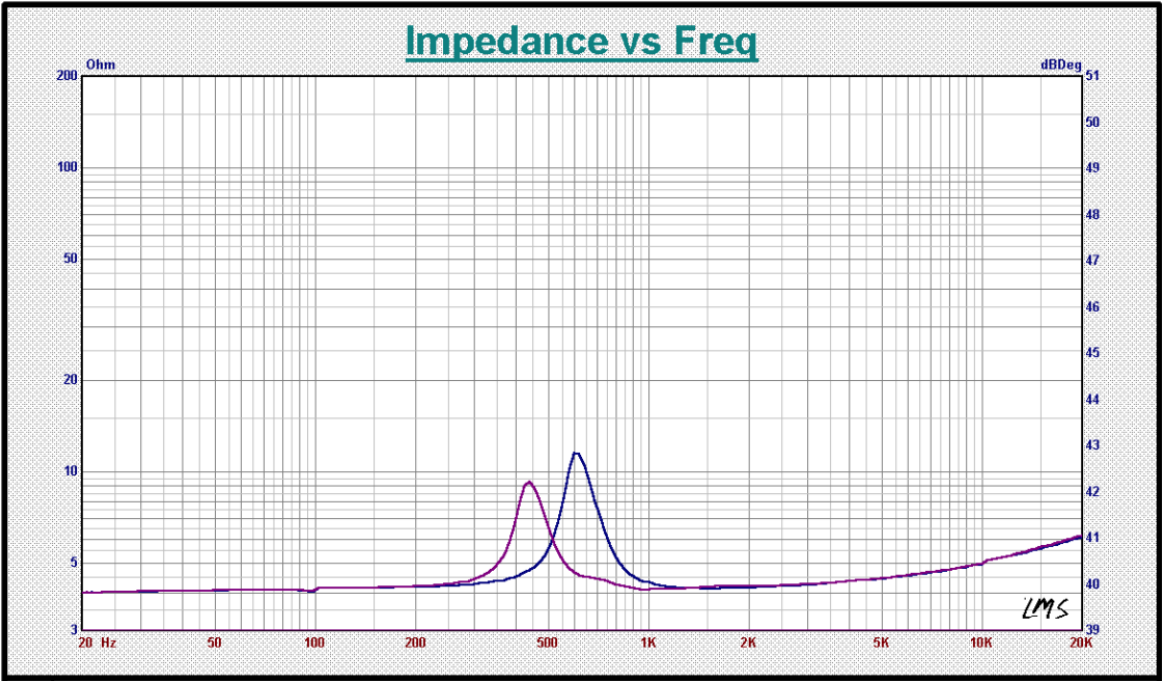
Specifications

Parameters	Values	Units
Rated Input Power	3	Watts
Max Input Power	5	Watts
Impedance	4±15%	Ohms
Avg. SPL 1w/0.1m on 4mm thick PLA panel	88	dBA
Resonant Frequency (f_0)	550±20%	Hz
Magnet Material	NdFeB	-
Weight	30±10%	Grams
Buzz, Rattle, etc.	Must Be Normal: Wave2.45V (Form 200Hz to 20KHz)	-
Environmental Compliances	RoHS/REACH	-
Polarity	When positive voltage is applied to the (+) Terminal, Voice Coil should move out to of the Air gap.	-
Storage Temperature	-20 ~ +60	°C
Operating Temperature	-20 ~ +60	°C

Measurement Method (Measured with 1.0W, L = 1m, Temperature: 23 ~ 25°C, Relative Humidity: 55% (max))



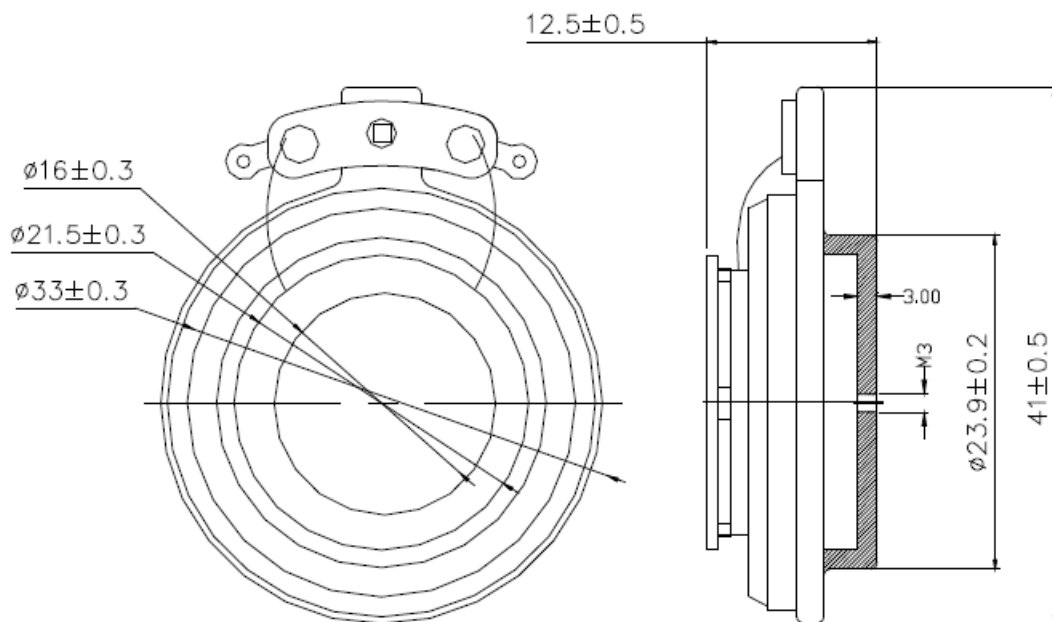
Impedance Response vs. Frequency



Reliability Testing

Type of Test	Test Specifications
High Temperature Test	24 hours at 60°C
Low Temperature Test	Test Duration: -10°C ± 3°C testing 1 hours And then -20°C± 3°C testing 2 hours
Humidity Test	Temperature: + 40°C ± 2°C Relative Humidity: 93 (+2/-3)% Duration: 48 hours
Drop Test	Drop the speaker 600mm onto wooden board.
Load Test	Must perform normal with program source at 3.46V Power for 48 Hours.

Dimensions



Specifications Revisions

Revision	Description	Date	Approved
-	Released from Engineering	5/18/2016	-
A	Added note 4	6/27/2016	B.R.
B	Added M3 Thread and positive terminal indication	1/16/2018	M.V.
C	Updated Spec Format	5/23/2024	-
D	Updated Diameter	7/1/2026	NW

Note:

- Unless otherwise specified:
 - All dimensions are in millimeters.
 - Default tolerances are $\pm 0.5\text{mm}$ and angles are $\pm 3^\circ$.
- Specifications subject to change or withdrawal without notice.
- This part is ROHS compliant.
- For applications that are to be subjected to external force, shock, or vibration, PUI recommends mechanical reinforcement to ensure rigid coupling beyond that provided by the 3M VHB F-9473PC 2-sided tape. Rear Magnet contains threads for installing a screw mount bracket.