

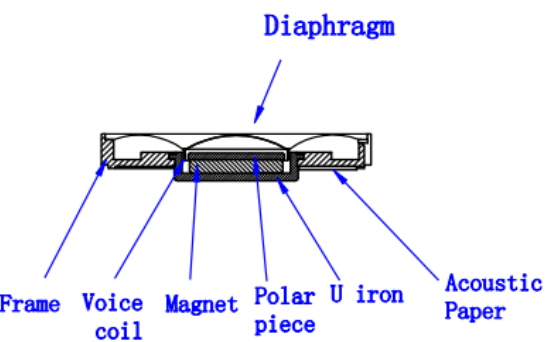
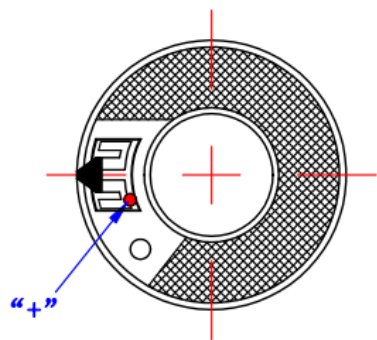
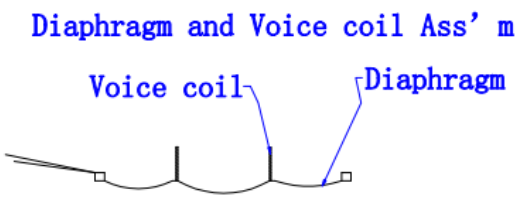
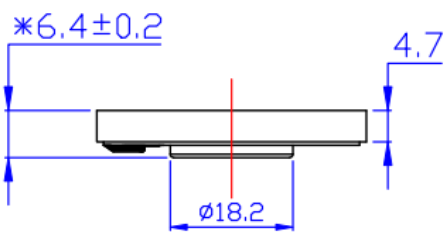
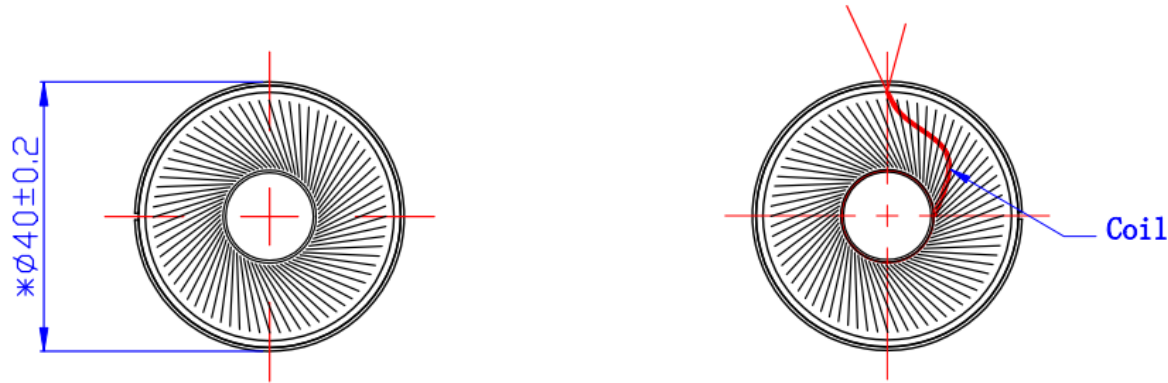
ADS-SP-40.0-32-003

Advantages:

- Better low frequency and low THD.
- Can be used in Headphone.

Mechanical data:

- Weight: 7g
- Dimension:



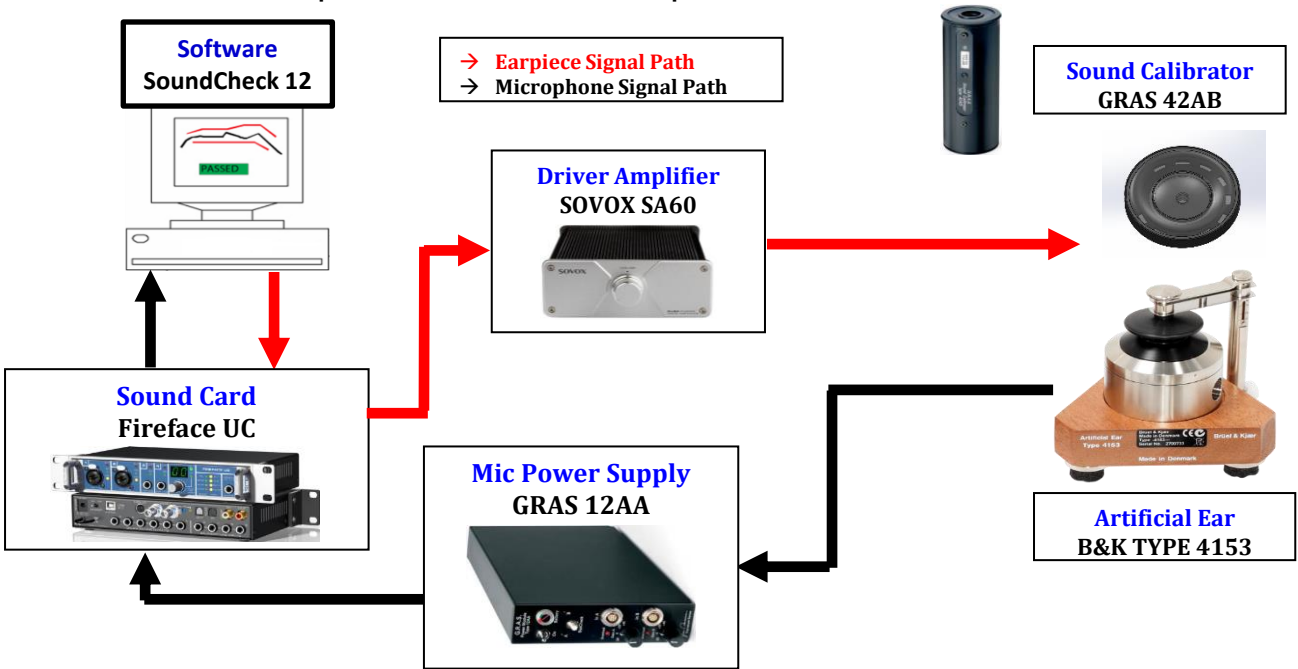
Electrical and Acoustic Properties:

Item	Spec	Unit
Dynamic Dimension	φ40x 6.4	mm
Material of Diaphragm	PU+PET	
Material of Voice Coil	Copper	
Sensitivity at 1kHz	116±3dB@1KHz	dB
ACR	32± 15%	Ohm
F0	85±20%	Hz
THD	≤3% @1KHz	%
Normal Power	20	mW
Max. Power	40	mW
BUZZE & RATTLES	Must be free audible noise From 50 Hz to 3KHz frequency range, Input : 0.8VRms	

Acoustic specification:

1, Test condition

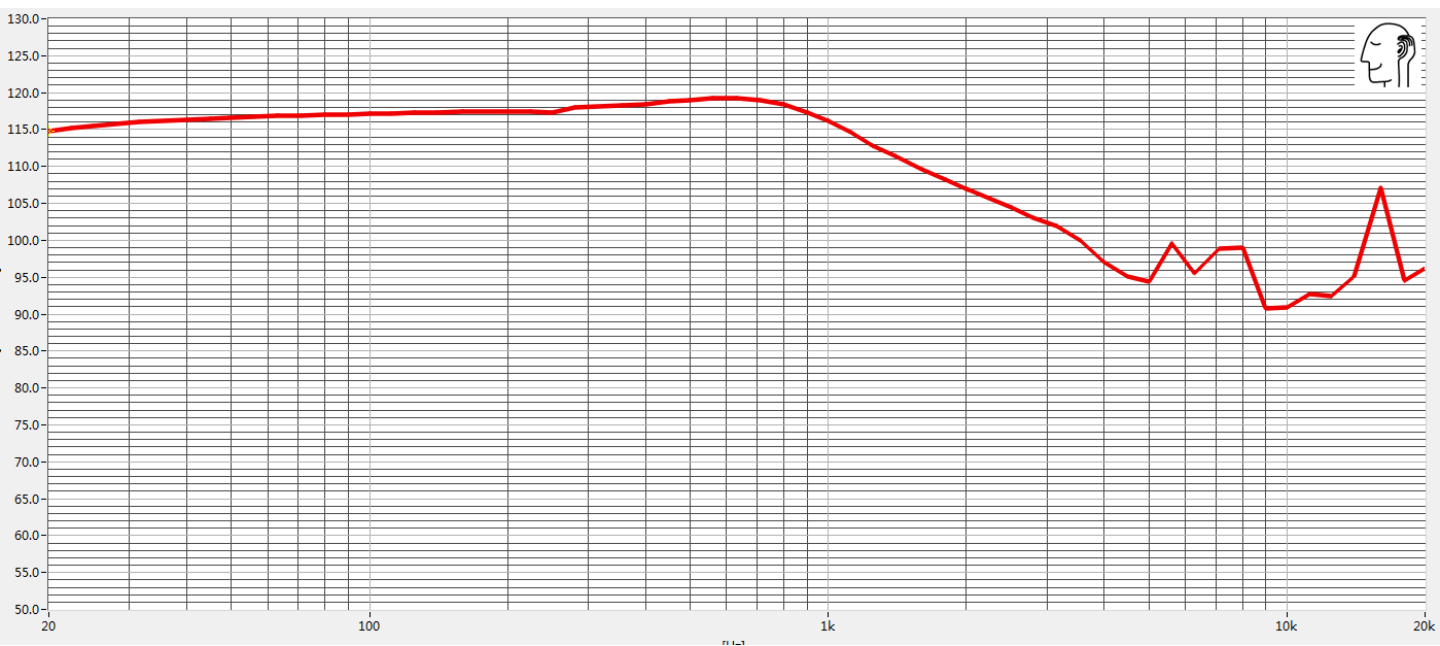
- 1.1 Test voltage: DC 0.179Vrms
- 1.2 Test fixture: IEC-318Ear.
- 1.3 Source requirements: source impedance <1ohm.



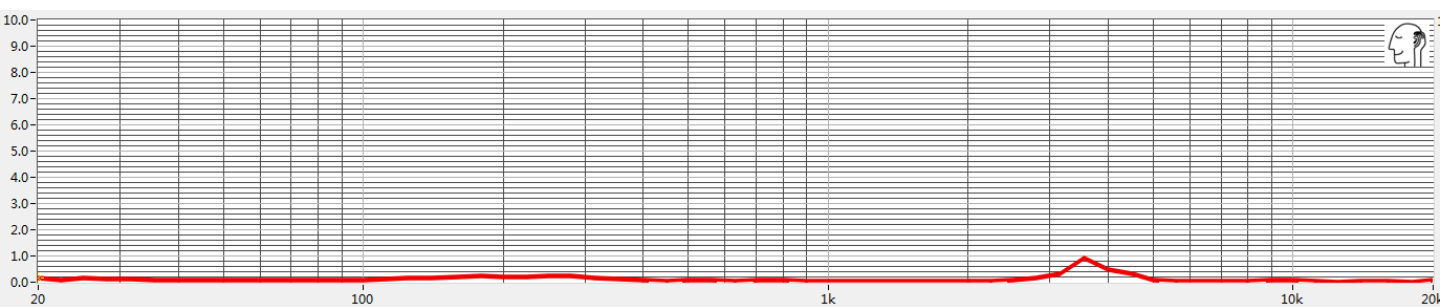
Data sheet

Update: 20191031

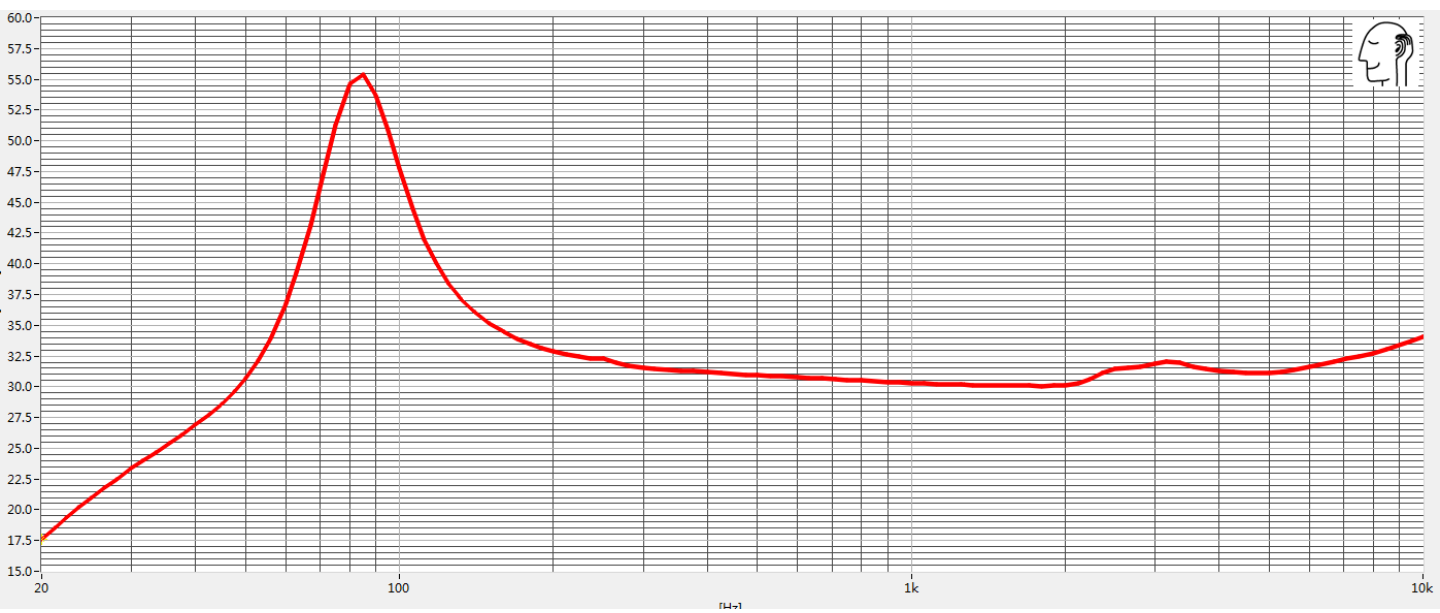
ADS-SP-40.0-32-003



Frequency Response



THD



Impedance

Storage and operating requirements:

Item	Temperature (°C)	Humidity (%RH)	barometric pressure (hPa)
Storage	-40 ~ 63	10 ~ 60	500 ~ 1060
Operating/test	15 ~ 30	45 ~ 85	860 ~ 1060
Judgment	18 ~ 22	60 ~ 70	860 ~ 1060

3.1 Continues power on test

Pass/fail criteria: Unaffected performance after the test.

Condition: 1m (To Hard wood) ; Model of operation: Power off

Approximate test time : total 10 times

Pass/fail criteria: Unaffected performance after the test.

Condition: Temperature:-40°C; Model of operation: Power off

Approximate test time 96 h

Pass/fail criteria: Unaffected performance after the test (At room temperature for 4H).

Condition: Temperature: +70°C; Model of operation: Power off;
Approximate test time 96 h

Pass/fail criteria: Unaffected performance after the test

Condition: Temperature:-30°C~70°C, 90%RH

Model of operation: Power off

Approximate test time : 4H/cycle, total 15 cycle

Pass/fail criteria: Unaffected performance after the test