Data sheet

Update: 20191107

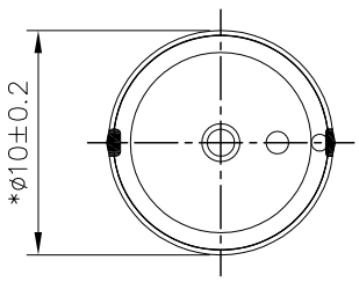
ADS-DP-10.0-32-001

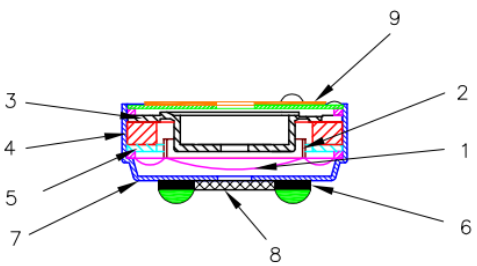
Advantages:

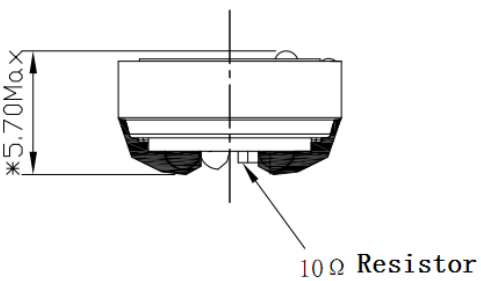
- better low frquency, high sensitivity.
- Can be used in Earphone.

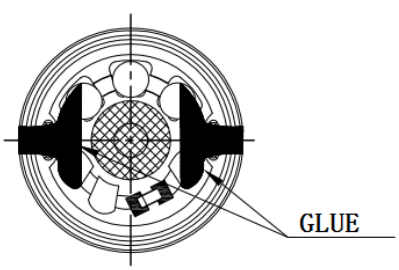
Mechanical data:

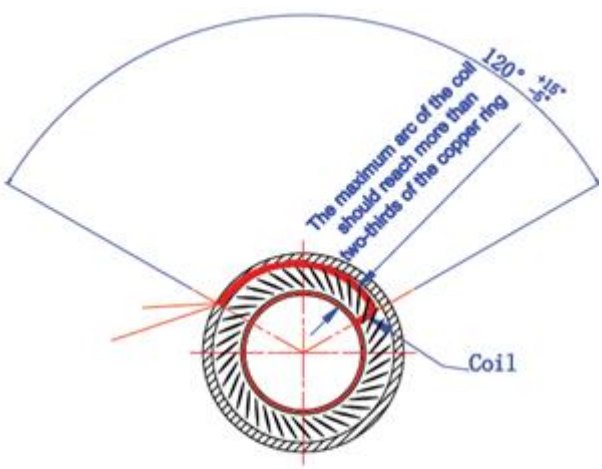
- Weight:.0.94g
- Dimension:

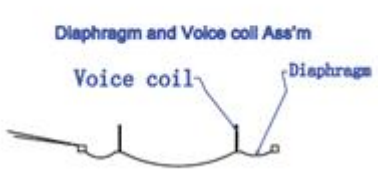












Data sheet

Update: 20191107

ADS-DP-10.0-32-001

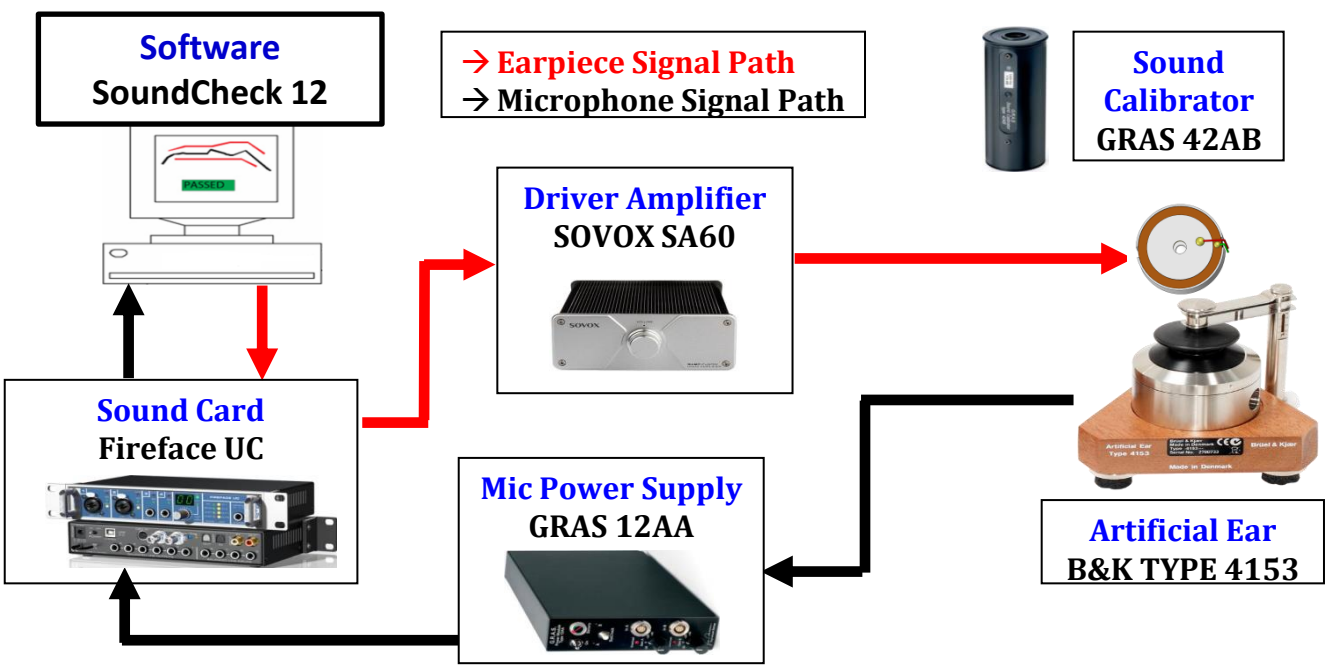
Electrical and Acoustic Properties:

Item	Spec	Unit
Dynamic Dimension	Phi 10 x 4.5	mm
Material of Diaphragm	PET	
Material of Voice Coil	Copper 4 layers	
Sensitivity at 1kHz	93.6±3dB@1KHz	dB
DCR	32± 15%	Ohm
F0	562±20%	Hz
THD	≤3% (50~10KHz)	%
Normal Power	5	mW
Max. Power	20	mW
BUZZE & RATTLES	Must be free audible noise From 50 Hz to 3KHz frequency range, Input：0.4 VRms	

Acoustic specification:

1, Test condition

1.1 Test voltage: DC 179mVrms
1.2 Test fixture: IEC318Ear
1.3 Source requirements: source impedance <1ohm.



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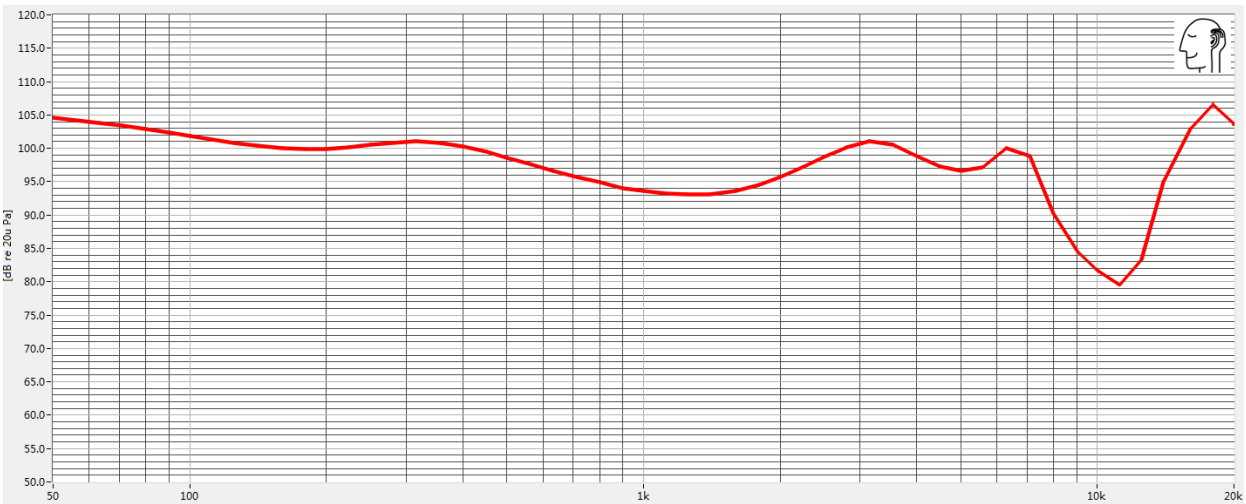
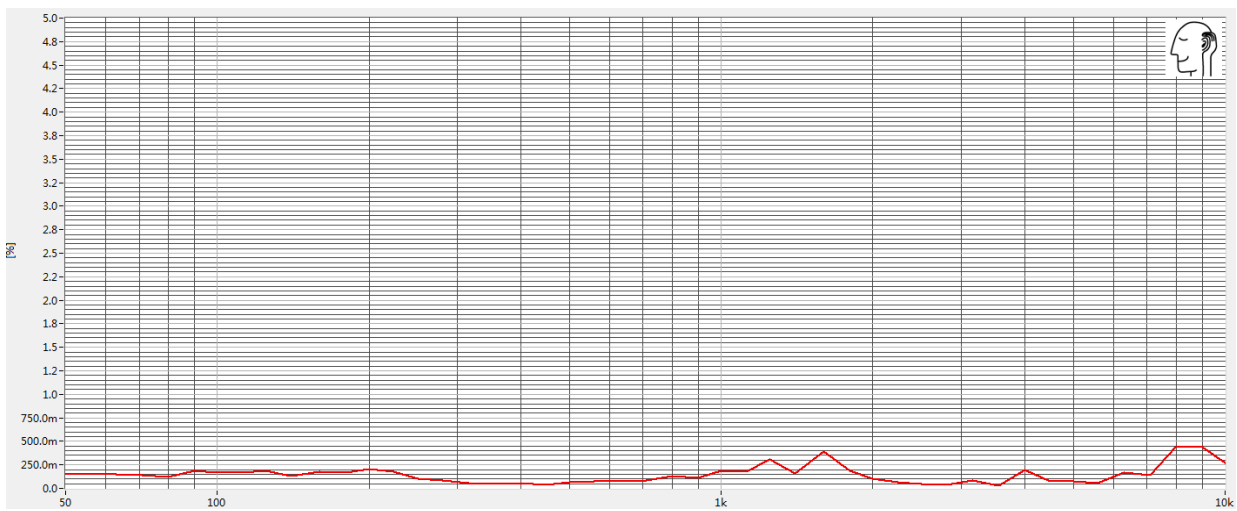
Update: 20191107

ADS-DP-10.0-32-001

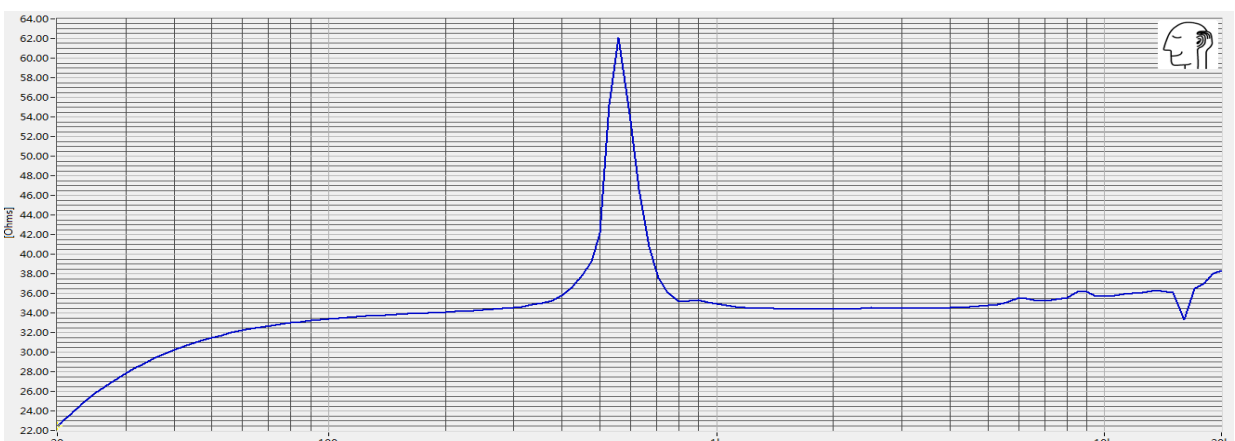
2, Acoustic Test Result.



Frequency Response



THD



Impedance

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Update: 20191107

ADS-DP-10.0-32-001

Storage and operating requirements:

- Follow below table:

Item	Temperature (ºC)	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

Reliability test

3.1 Continues power on test

Condition: 5mw Pink noise; Approximate test time 96h

Pass/fail criteria: Unaffected performance after the test.

3.2 Free fall 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.

3.3 Cold, non-operational

Condition: Temperature:-40℃; Model of operation: Power off

Approximate test time 96 h

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

3.4 Heat, non-operational

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

Pass/fail criteria: Unaffected performance after the test

3.5 Temperature and humidity cycling, non-operational

Condition: Temperature:-30℃~70℃, 90%RH

Model of operation: Power off

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

Pass/fail criteria: Unaffected performance after the test

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