

Model No.: SB01

This transducers module is designed to be a cost-effective high performance mono transducers module. The operation effective frequency response between 90Hz to 20KHz.

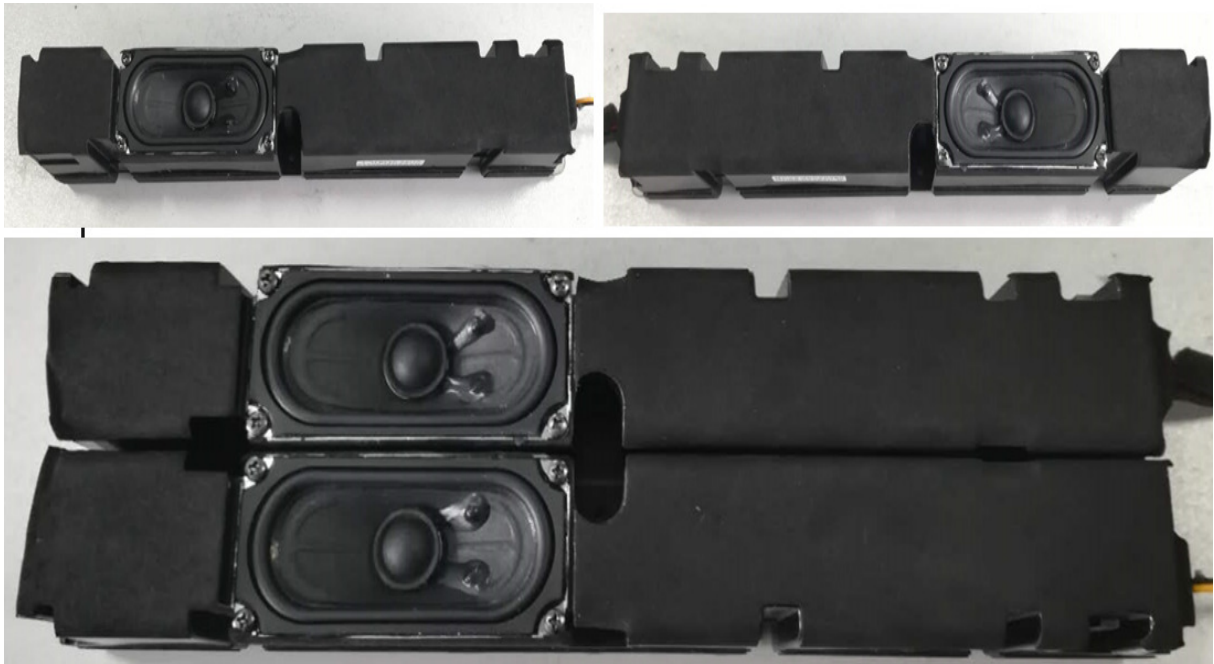
Features:

Bass attractive.

High S.P.L and Low distortion.

Functional, Teens, and Sharp.

Reasonable size to electronics Assembly.



Specifications:

Module Properties

Rated power:	10 Watts (100hours,PINK,IEC FILTER)
S.P.L:	80 dB (1M/1W,IEC)
Distortion:	≤5%(Fs~15KHz,1M/1W)
Frequency Response:	90~20KHZ
Rub & Buzz test:	4.54 V Sine wave at 3s.
Waterproof Level :	N/A
Fire Rating:	UL 94HB
Total Weight:	320 GramX2

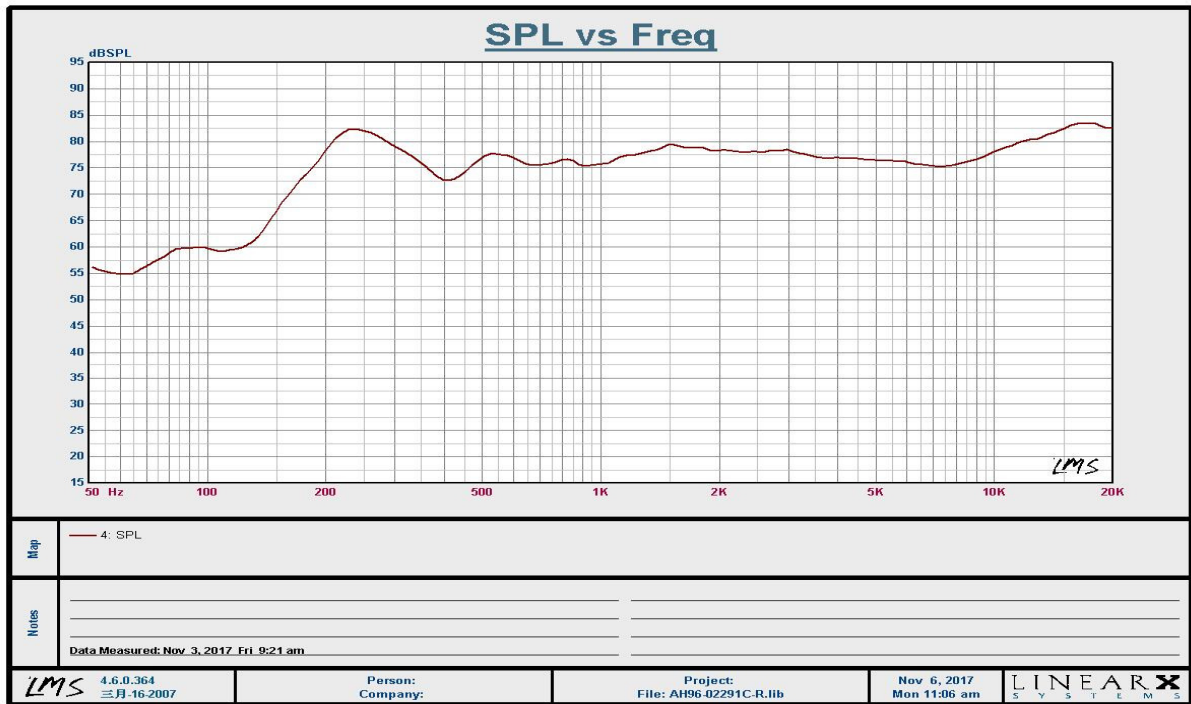
Box Parameters

Box type:	Closed Box Standard one-way
Box Core Material:	Plastic ABS (inner with bracing)
Amount of acoustic absorption(fill):	20% (minimal)
Shape:	square
Finish:	N/A
Internal Volume:	0.51 Liters

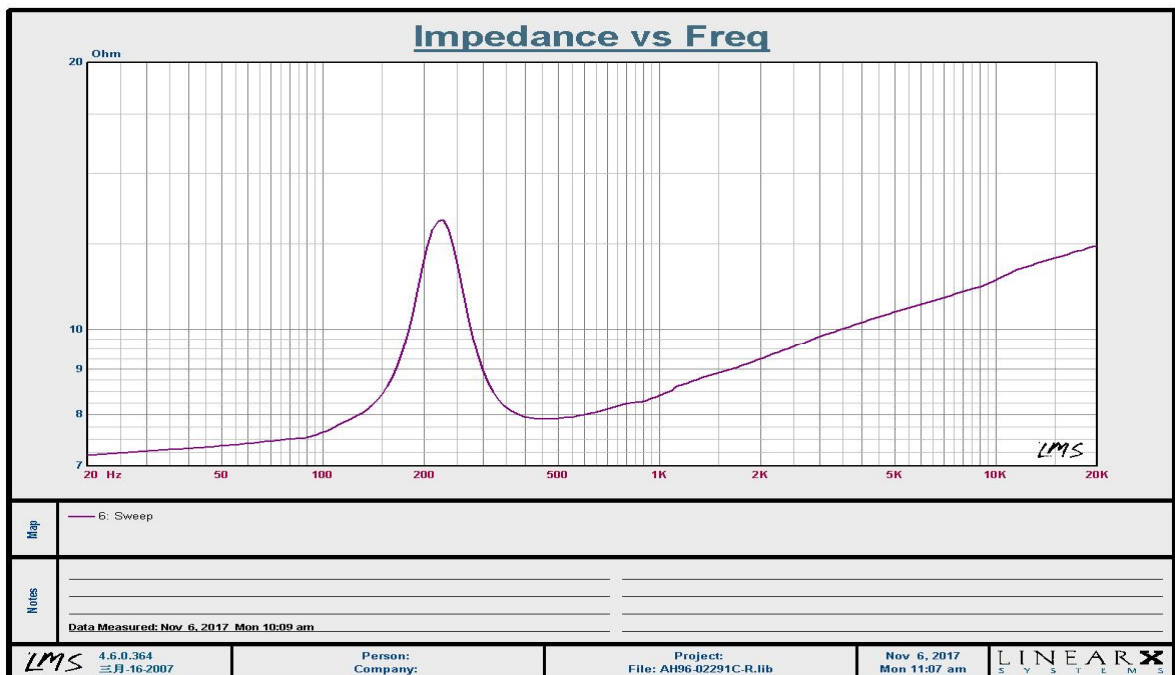
Transducers Parameters

Sensitivity	SPL ₀ 80 dB
Speaker drivers:	Fullrange 1.5X3.5"
Resonance frequency	f _s 166 Hz
Total Q factor	Q _{ts} 0.535
Force factor	BL 3.081 TM
Nominal impedance	Z _n 8 ohm
Effective piston area	S _d 20.89 sqcm
Rated power :	10W (IEC)

The Test Curve: S.P.L Curve



IMP Curve



Mechanical Dimensions:

