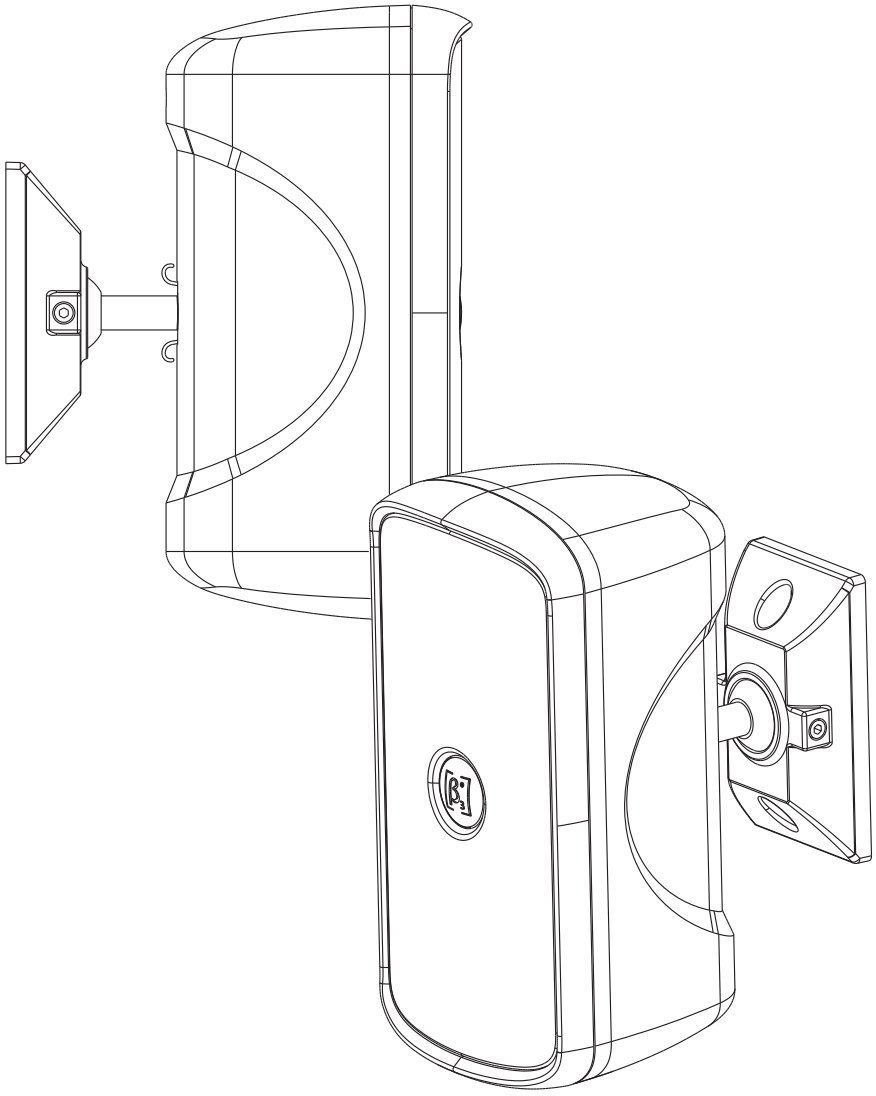
Beta Three

BS2002

Dual 2.75" Full Range
Passive Speaker



User Manual

UM-BS2002-20140707 ver A

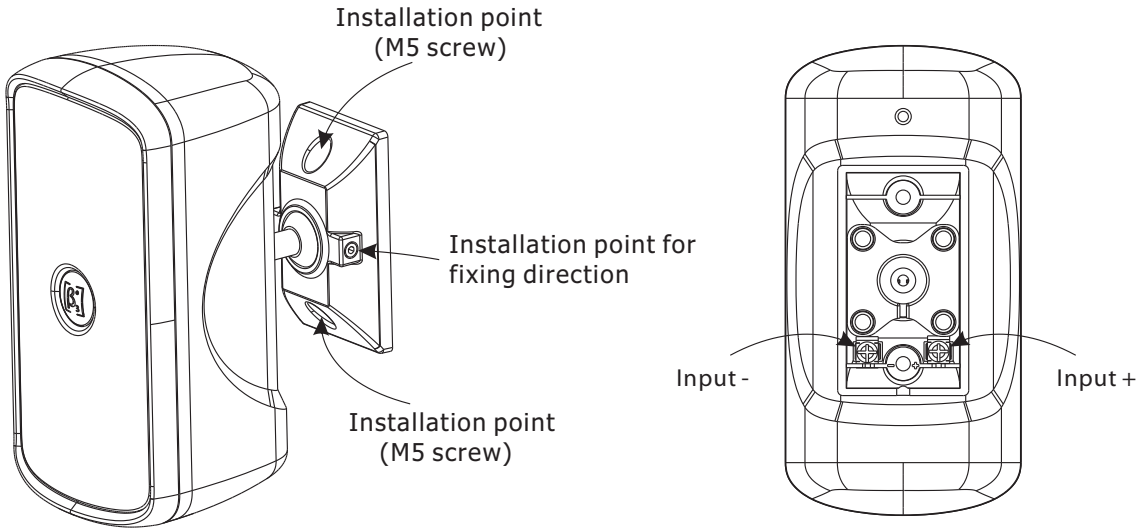
BS2002

Dual 2.75" Full Range Passive Speaker

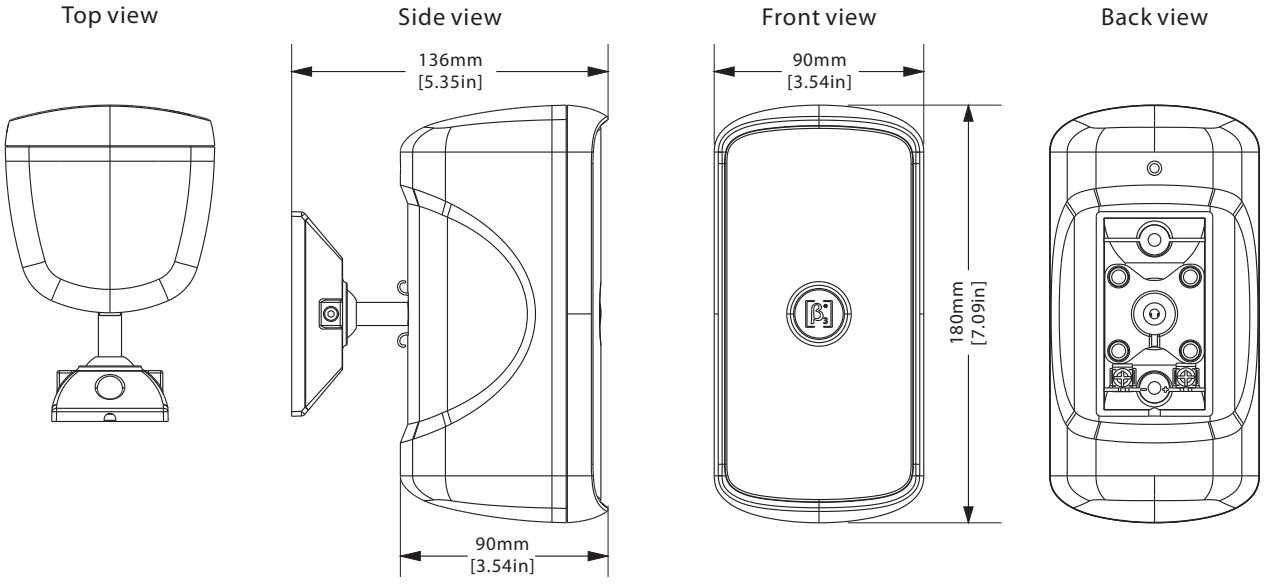
Description

BS2002 is a dual 2.75'' full range passive speaker,designed for Installation application such as multi-function hall,also can be Used in small size venues combined with sub speaker

Installation



2D Dimension



Technical Specification

System:	Passive plastic speaker with closed enclosure
System components:	2×2.75" Full range loudspeaker
Frequency response(-3dB)[1]:	260Hz-15kHz
Frequency response(-10dB):	200Hz-18kHz
Sensitivity(1W@1m)[2]:	90dB
Max. SPL(1m)[3]:	105dB/111dB(PEAK)
Power:	30W (RMS)[4] 60W (MUSIC) 120W (PEAK)
Rated impedance:	8 Ohms
Cabinet:	Plastic enclosure
Mounting accessories:	Specified wall bracket
Painting:	Enclosure and grill with black painted
Connector:	Binding post
Cabinet dimension: (W×D×H)	90×136×180mm (3.5×5.4×7.1in)
Package dimension: (W×D×H)	175×130×230mm (6.9×5.1×9.1in)
Net weight:	1.0kg(2.2 lbs.)
Gross weight:	1.2kg(2.6 lbs.)

Speaker Testing Method

1. Frequency Response

Use Pink noise to test the speaker in the anechoic chamber, adjust the level to make the speaker work at its rated impedance and set the output power at 1W, then test the frequency response 1m away from the speaker.

2. Sensitivity

Use full range Pink noise which has been modified using an EQ curve to test the speaker in the anechoic chamber, increasing the signal to make the speaker work at its rated impedance and set the power output at 1W, then test the sensitivity 1m away from the speaker.

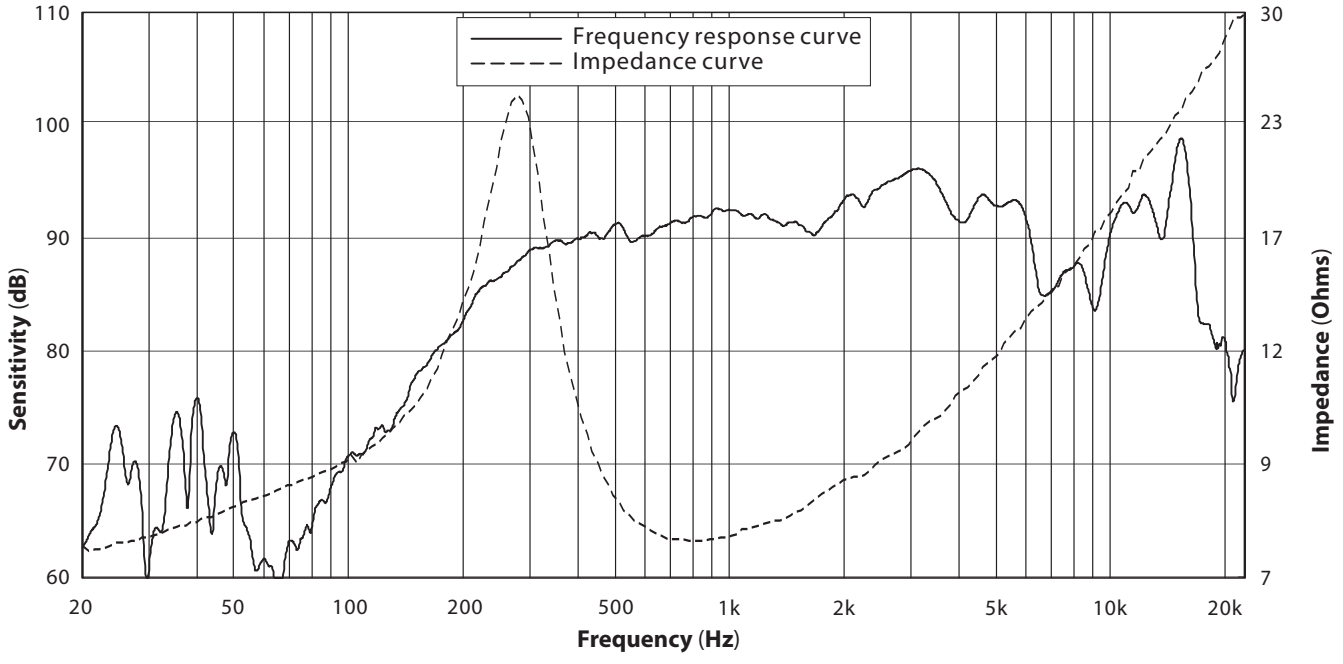
3. MAX.SPL

Use full range Pink noise which has been modified using an EQ curve to test the speaker in the anechoic chamber , increase the signal to make the speaker work at its maximum power output level, then test the SPL1m away from the speaker.

4. Rated Power

Use Pink noise to the IEC#268-5 standard to test the speaker, increase the signal for a continuous period of100 hours, the rated power is the power when the speaker will show no visible or measurable damage.

Frequency response curve & Impedance curve



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