

## Wall Mount Speaker

[www.dsppatech.com](http://www.dsppatech.com)



DSP2601  
DSP2603



## USER MANUAL

•For Black and White



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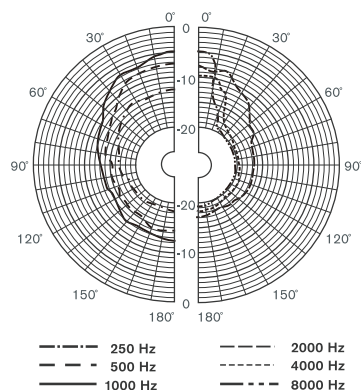
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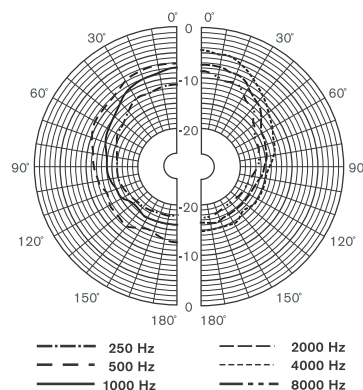
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Guangzhou DSPPA Audio Co., Ltd.





**DSP2603 Vertical directivity pattern**



**DSP2603 Horizontal directivity pattern**

Item	Model	DSP2601	DSP2603
Speaker Unit		4"×1, 1"×1	6.5"×1,1×1
Work Voltage		100V	100V
Rate Power(RMS)		20W	40W
Freq.Resp. Range		95Hz-20kHz	65Hz-20kHz
Sensitivity (1m, 1W)		90±2dB	91±2dB
Max. SPL (1m)		103±2dB	106±2dB
Dimension (H×W × D)		268×156×174	320×210×215
Net Weight		2.3kg	3.7kg

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## Packing List

Component	Quantity
Wall mount speaker (2PCS/Carton) .....	2
U-shape bracket (2PCS/Carton) .....	2
User Manual .....	1

## Introduction

Thanks for using our speaker products. All our products are tested strictly before leaving the factory, with guaranteed quality.

Our speakers are widely used in such places as schools, gymnasiums, square halls, parks, parking lots, railway stations, airports, villa communities, mall supermarkets and etc., and they will be your ideal choice for public address system.

For better installation, commissioning and use of the product, please read this manual in detail before installation.

## Profile of Product

### Product features

- Focus on sound quality, equipped with high pitch and low pitch double unit, clear sound level, mellow, transparent, clear and bright, strong bass;
- Adjustable power gear to meet the requirements of various application environments;
- Streamlined design, using high-quality plastic injection-molded shell with high-quality aluminum mesh, sturdy and durable;
- Novel appearance, obtain design patent certificate;
- Available in black and white, decorative style for different places.

### Material Characteristics

**Mesh:** made of 1060 pure aluminum, subject to hardening and anti-oxidation treatment, not easy to cause deformation, and never get rusty;

**Box body:** injection molding that using high quality plastic, durable in use, safe and reliable;

**Driver unit:** injection the tweeters diaphragm is made of natural silk diaphragm, the bass diaphragm is made of polypropylene materials;

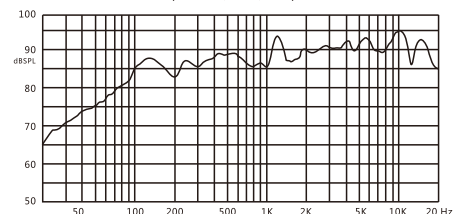
**Transformer:** E-type pure copper turn audio transformer to ensure the fidelity of audio output;

**Mounting bracket:** precision rust-proof treatment.

## Technical Parameters

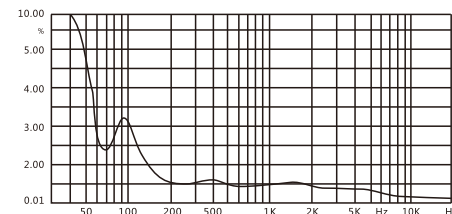
### DSP2601 Frequency Response Characteristics

(dB SPL, 1W, 1m)



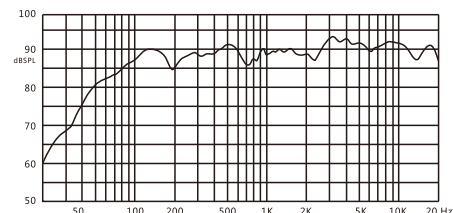
### DSP2601 Distortion

(THD < 5% 1W, 1m, 100Hz-10kHz)



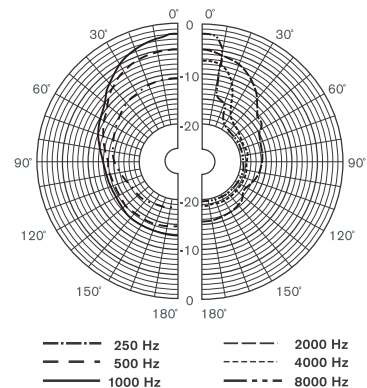
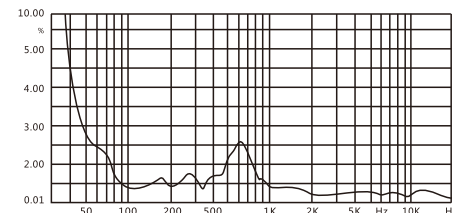
### DSP2603 Frequency Response Characteristics

(dB SPL, 1W, 1m)

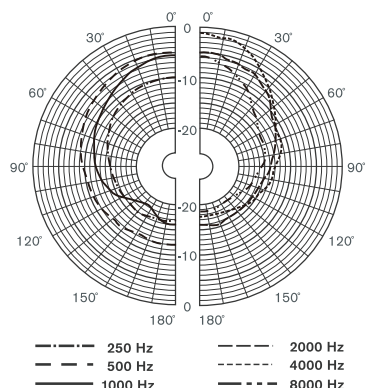


### DSP2603 Distortion

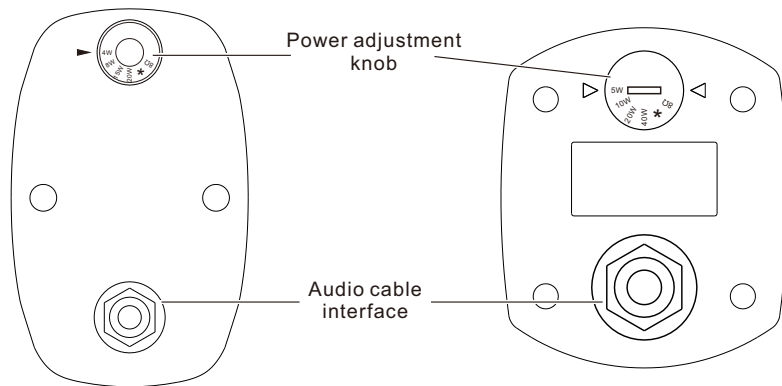
(THD < 5% 1W, 1m, 100Hz-10kHz)



DSP2601 Vertical directivity pattern

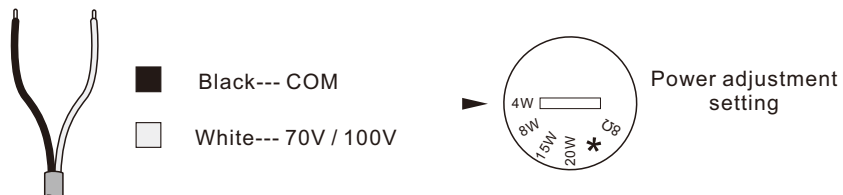


DSP2601 Horizontal directivity pattern



DSP2601

DSP2603



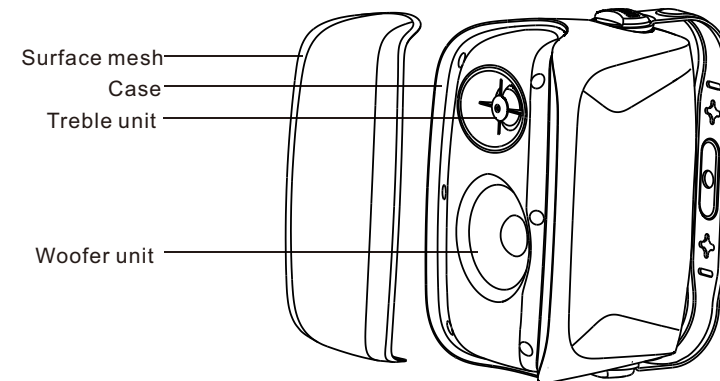
Wiring Connection Diagram

**Notification:**  
 ▲ When the audio line is the constant voltage, it is prohibited to adjust the knob to the 8Ω. Do not adjusting to "\*" under state at 100V which will cause speaker damage!

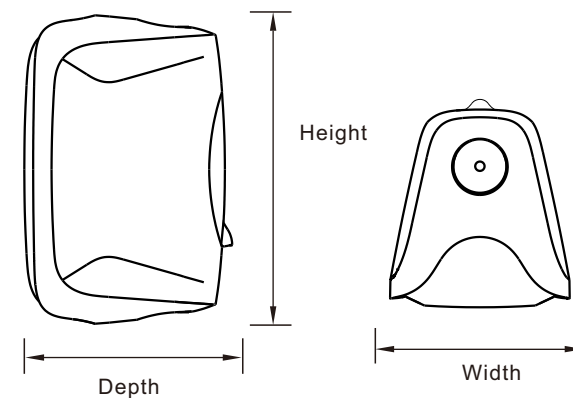
Power Terminal	Voltage	DSP2601			DSP2603		
		70V	100V	8Ω	70V	100V	8Ω
Black---White		20W	*	20W	40W	*	40W
		15W	20W		20W	40W	
		8W	15W		10W	20W	
		4W	8W		5W	10W	
		2W	4W		2.5W	5W	

Audio Terminal Table

## Product Information



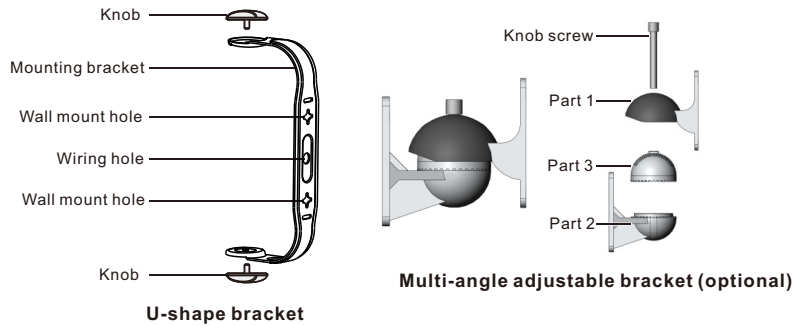
Product Exploded View



Model	Height (H)	Width (W)	Depth (D)
DSP2601	268	156	174
DSP2603	320	210	215

(unit mm)

Product Dimension

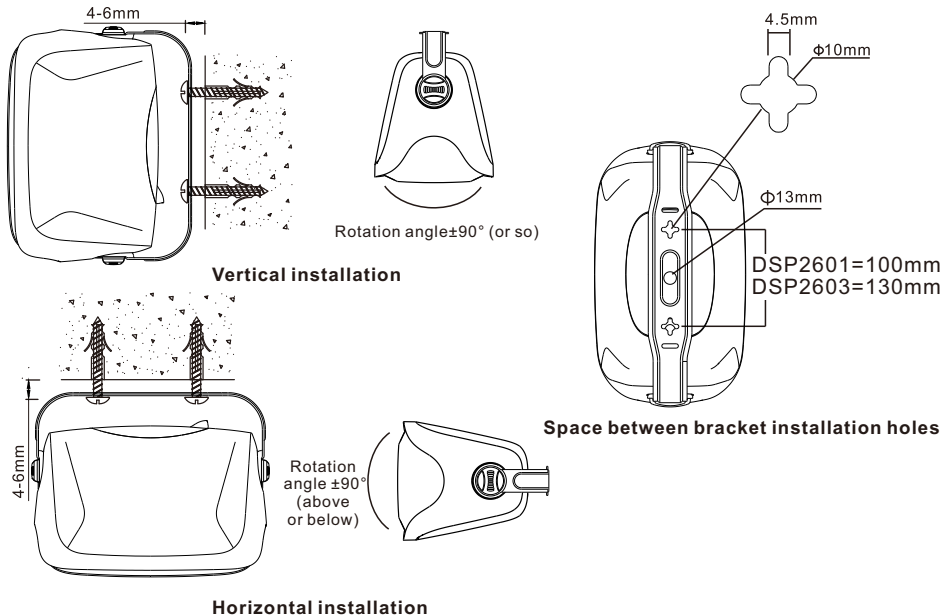


### Mounting Bracket

## Installation

**Suggestions for the installation position of the speakers:** distance to the ground of the speaker is recommended at 1.8-2 m, the best play interval between the speakers is within 5 meters.

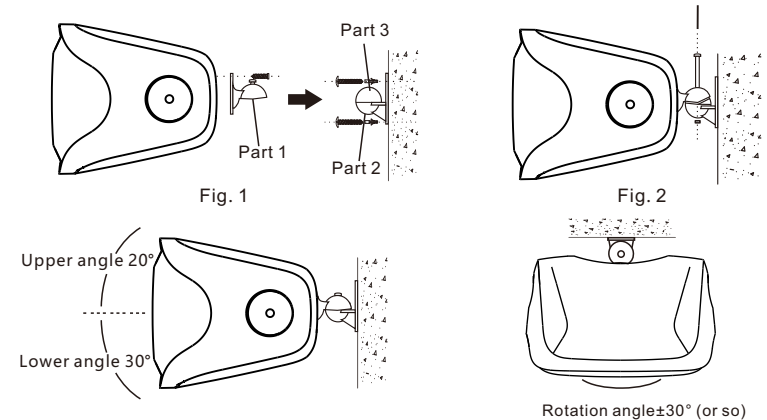
### U-shape bracket installation



This bracket supports vertical and horizontal two installation methods, please choose the best way that meets your needs to install.

- ① In accordance with the diagram *Space between bracket installation holes*, select the appropriate location to install two 4mm diameter nail on the wall that needs to install the speaker, clearance between the nail cap and the wall is 4-6mm.
- ② Connect the speaker with the audio cable (*refer to wiring connection diagram*), different power will be obtained at different voltage (*See Audio Terminal Table*)
- ③ Hang on the speaker, adjust the angle of the speaker, and tighten the knobs on both ends of the bracket and check whether the installation is solid and reliable.

### Multi-angle adjustable bracket installation



- ① Unscrew the multi angle adjustable type bracket knob screw firstly, separate part 1, part 2 and part 3. Fix the speaker and the part 1; select the appropriate position on the wall to fix the part 2. (Fig. 1)
- ② Connect the speaker with the audio cable (*refer to wiring connection diagram*), different power will be obtained at different voltage (*See Audio Terminal Table*)
- ③ Cover part 1 of the speaker on the sphere of part 2 and part 3; adjust the speaker's angle, fix the part 1, part 2 and part 3 with a knob screw firmly. (Fig. 2)