

Wall Mount Speaker

www.dsppatech.com



DSP6061II

DSP6062II

DSP6063II



User Manual

- For black and white.



Guangzhou DSPPA Audio Co., Ltd.
Address: No.1 Xiahe Road, Jianggao, Baiyun, Guangzhou, Guangdong, China
Post Code: 510450
Tel: +86-20-37166520
Website: www.dsppatech.com

Guangzhou DSPPA Audio Co., Ltd.

Contents

Introduction	1
Product Overview	1
Features	1
Materials	1
Product Information	2
Installation and Connection	3
U-shaped Bracket Installation	3
Multi-angle Adjustable Bracket Installation	4
Technical Parameters	5
Packing List	8
Appendix: Series Model Comparison Table	8

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, squares, parks, parking lots, railway stations, airports, villa communities and supermarkets, etc. It will be your ideal choice for public address.

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

Product Overview

Features

- Focus on sound quality. With phase-inverted design, tweeter and woofer for clear and bright sound, and powerful bass.
- Various models are available: can be used with a constant voltage power amplifier for long-distance transmission; can be directly connected to an audio source for playing; can be directly connected to the network for use, etc.; can meet the needs of various application environments. (See appendix: Series Comparison Table for details)
- With streamlined appearance design, arc-shaped case and net cover.
- Available in black and white, applicable to different places.

Materials

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

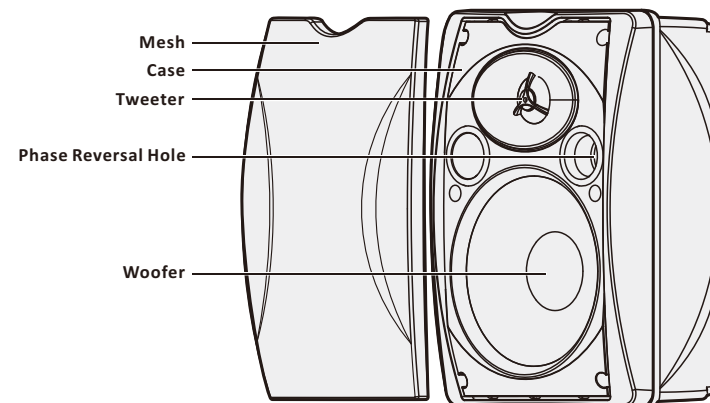
Case: Made of UL94V-0 grade fireproof thickened ABS material, durable, safe and reliable.

Unit Driver: Treble diaphragm is made of natural silk diaphragm, while bass diaphragm is made of polypropylene material, with 3.5-inch magnetic circuit.

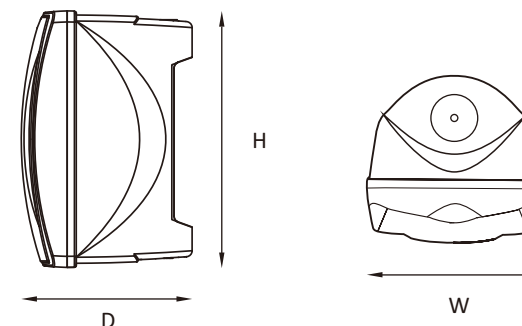
Transformer: E-type pure copper wire-turn audio transformer, ensuring the fidelity of audio output.

Mounting Bracket: Precision rustproof treatment.

Product Information



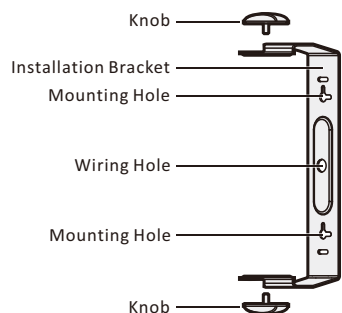
Product Breakdown Structure



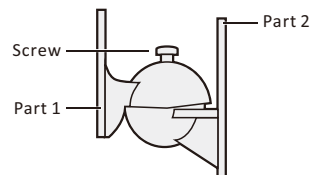
Model	Height (H)	Width (W)	Depth (D)
DSP6061II	255	176	170
DSP6062II	280	194	185
DSP6063II	310	215	203

(Unit: mm)

Product Dimensions



U-shaped Bracket (Universal)



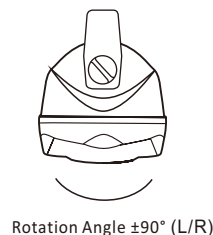
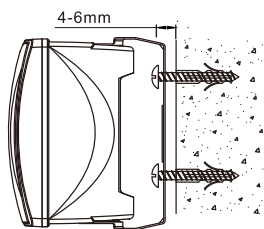
Multi-angle Adjustable Bracket
(Can be purchased only with DSP6062II)

Installation Brackets

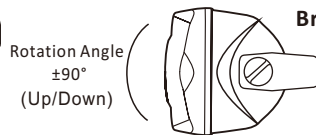
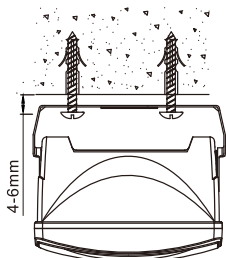
Installation and Connection

Suggestions for the installation position of the speakers: the distance between the speaker and the ground is recommended to be 1.8-2 m, and the distance between multiple speakers is recommended to be within 5m.

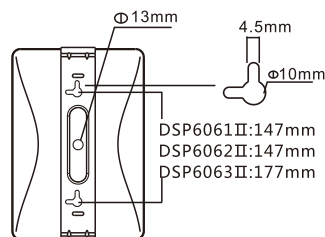
U-shaped Bracket Installation



Vertical Installation



Horizontal Installation



Bracket Mounting Holes Distance

This bracket supports two installation methods: vertical and horizontal. Please choose the one that best meets your needs.

- ① According to the bracket mounting holes distance diagram, select an appropriate position to install two nails of 4mm diameter on the wall where the speaker is to be installed, leaving the gap between the nail cap and the wall of 4-6mm.
- ② Connect the speaker to the audio cable (see Wiring Diagram). Different voltages correspond to different powers (see Audio Terminal Table).
- ③ Mount the speaker, adjust the angle of the speaker, tighten the knobs on both ends of the bracket, and check it is secure and reliable.

Multi-angle Adjustable Bracket Installation

(Can be purchased only with DSP6062II)

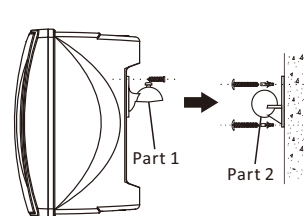


Fig. 1

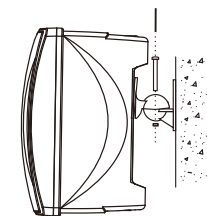
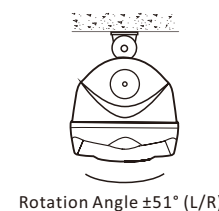
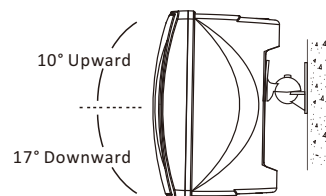


Fig. 2



- ① Unscrew the multi-angle adjustable bracket screw first, and separate the part 1 and part 2. Fix the speaker and part 1; choose an appropriate position to fix the part 2 on the wall. (Fig. 1)
- ② Connect the speaker to the audio cable (see Wiring Diagram). Different voltages corresponds to different powers (see Audio Terminal Table).
- ③ Cover the part 1 of the speaker on the sphere of the part 2, adjust the angle of the speaker, and fix the part 1 and part 2 firmly with the screw. (Fig. 2)



Black --- Common End
White --- 70V/100V

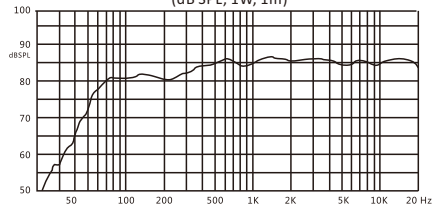
Wiring Diagram

Power	Line Voltage	DSP6061II		DSP6062II		DSP6063II	
		70V	100V	70V	100V	70V	100V
Terminal							
Black --- White		10W	20W	15W	30W	20W	40W

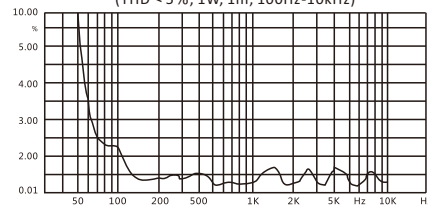
Audio Terminal Table

Technical Parameters

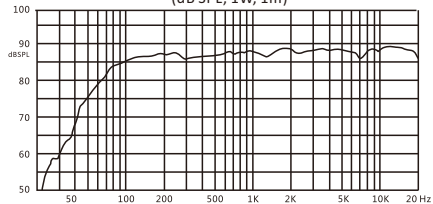
DSP6061II Frequency Response
(dB SPL, 1W, 1m)



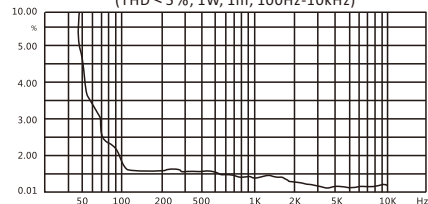
DSP6061II Distortion
(THD < 5%, 1W, 1m, 100Hz-10kHz)



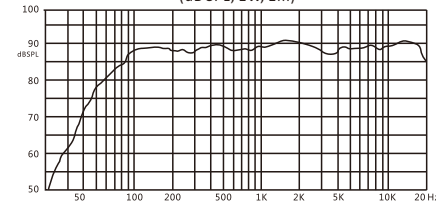
DSP6062II Frequency Response
(dB SPL, 1W, 1m)



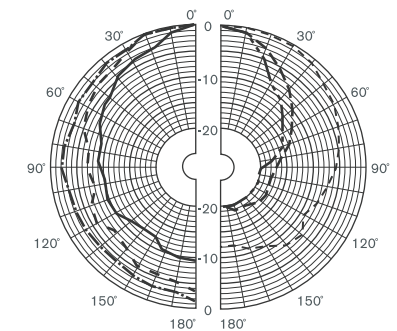
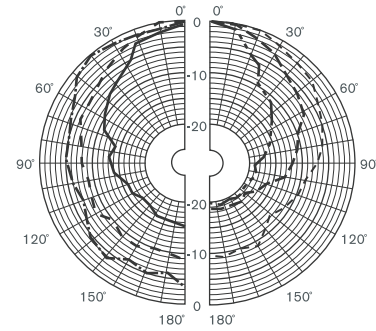
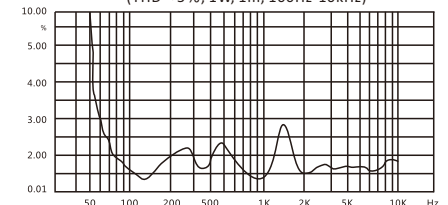
DSP6062II Distortion
(THD < 5%, 1W, 1m, 100Hz-10kHz)



DSP6063II Frequency Response
(dB SPL, 1W, 1m)

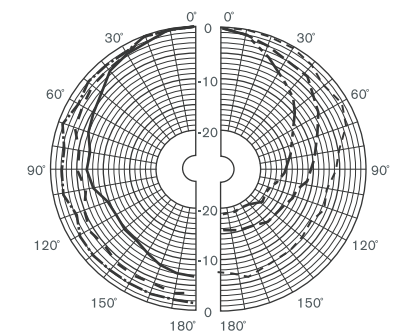
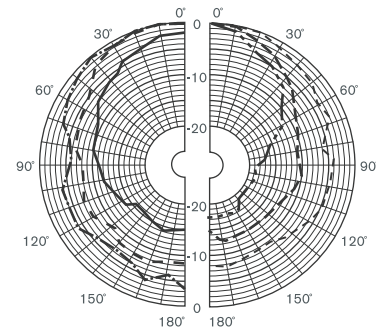


DSP6063II Distortion
(THD < 5%, 1W, 1m, 100Hz-10kHz)



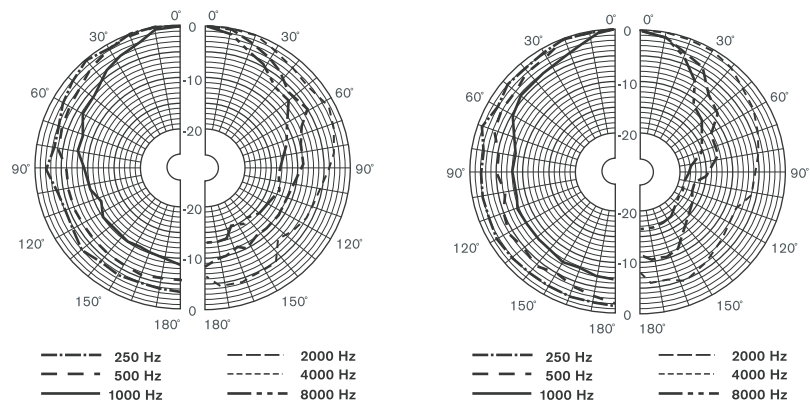
DSP6061II Vertical Directivity Pattern

DSP6061II Horizontal Directivity Pattern



DSP6062II Vertical Directivity Pattern

DSP6062II Horizontal Directivity Pattern



DSP6063II Vertical Directivity Pattern

DSP6063II Horizontal Directivity Pattern

Packing List

Component	Quantity
Wall Mount Speaker	1
U-shaped Bracket	1
User Manual	1
Certificate	1
Warranty Card	1

Item	Model	DSP6061II	DSP6062II	DSP6063II
Unit Driver		4"×1, 1"×1	5"×1, 1"×1	6.5"×1, 1"×1
Working Voltage		100V	100V	100V
Rated Power (RMS)		20W	30W	40W
Frequency Response		95Hz-20kHz	80Hz-20kHz	65Hz-20kHz
Sensitivity (1m, 1W)		90±2dB	90±2dB	91±2dB
MAX. SPL. (1m)		103±2dB	105±2dB	106±2dB
Product Size (H×W×D)		255×176 ×170mm	280×194 ×185mm	310×215 ×203mm
Net Weight		2.8kg	3.2kg	4.3kg

Appendix: Series Model Comparison Table

Model		Rated Power (RMS)		
Function Series		20W	30W	40W
Passive	Constant Voltage Series (100V)	DSP6061II	DSP6062II	DSP6063II
	Constant Resistance Series (8Ω)	DSP6061IIL	DSP6062IIL	DSP6063IIL
	Adjustable Power Series (Constant Voltage / Resistance)	DSP8062	DSP8063	DSP8064
Active	Active Series (with Sub-speaker)	DSP6604	DSP6606	DSP6608
	IP Function Series (with Sub-speaker)	DSP6604N	DSP6606N	DSP6608N
	POE Function Series (with Sub-speaker)	DSP6604E(15W)	—	—
	Built-in Wireless MIC Receiver Series (with Sub-speaker)	—	DSP6606R	DSP6608R

* The power in the table refers to the power of a single speaker.