

DSP6604 DSP6606 DSP6608

Wall Mount Speaker



Description

This product is a multifunctional high fidelity active wall speaker, which is equipped with white or black to choose as well as convenient installation. Remote audio data flow through the machine output audio signal, and sound is from the speakers directly. Auxiliary audio output interface can be used to connect to other power amplifier to extend power; another two wired microphone input interface (and the company UHF wireless microphone system collocation) can realize super voice reproduction and the input signal of high and low gain regulation. The machine also has other rich interface for you to choose. Only DSP6608 features the Bluetooth function.

Features

- Focus on sound quality, inverse-phase type design, and equipped with high pitch and low pitch double unit, clear sound level, mellow, transparent, clear and bright, strong bass;
- Strong input, power rating 2x20W/2x30W2x40W three optional;
- With balance and non balance microphone input;
- Main and auxiliary boxes configured, super voice-reproduction;
- Built-in Hi-Fi digital power amplifier, low power waste design;
- Can adjust the high and low pitch raise of input signal;
- Can adjust the output volume of the speaker;
- Features a 3.5mm auxiliary output connector for extended output power;
- With auxiliary input, and priority input function such as AUX1, AUX2;
- With priority for MIC strong interpolation.

Specifications

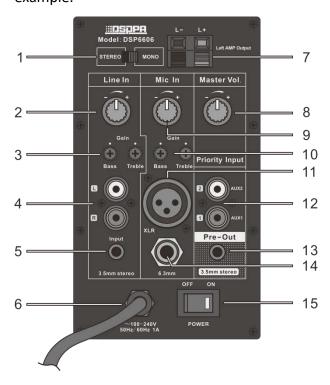
Input Impedance Sensitivity Sobject		Model	DSP6604	DSP6606	DSP6608
Frequency Response (20Hz-20KHz) ±3dB 3.5) Distortion ≤1% Signal-to-Noise Ratio BASS Gain (100 Hz) ±8dB TREBLE Gain (10KHz) ±8dB Input Impedance > 10KΩ Signal-to-Noise Ratio Signal-to-Noise Ratio Sensitivity 1.0±0.1V Frequency £3dB Signal-to-Noise Ratio Signal-to-Noise Ratio Input Impedance > 10KΩ Sensitivity Sout-tom Signal-to-Noise Ratio Input Impedance > 10KΩ Sensitivity Sout-tom Signal-to-Noise Ratio Input Impedance Sensitivity Sout-tom Signal-to-Noise Ratio		Input Impedance		>10kΩ	
LINE Input (RCA & Distortion ≤1% Signal-to-Noise Ratio SatidB BASS Gain (100 Hz) ±8dB TREBLE Gain (10KHz) ±8dB Input Impedance Sensitivity 1.0±0.1V AUX1 (Alarm Signal Input) Prequency Frequency Espain Signal-to-Noise Ratio Signal-to-Noise Ratio Signal Input Distortion ≤1% Signal-to-Noise Ratio Signa	LINE Input (RCA &	Sensitivity			
Signal-to-Noise Ratio ≥81dB BASS Gain (100 Hz) ±8dB TREBLE Gain (10KHz) ±8dB Input Impedance >10kΩ Sensitivity 1.0±0.1V Frequency ±3dB Distortion ≤1% Signal-to-Noise Ratio 10put Impedance >10kΩ Sensitivity 500±50mV AUX1 (Broadcast Signal Input) Frequency Response (20Hz-20KHz) Signal Input Frequency Response (20Hz-20KHz) ±3dB Input Impedance >10kΩ Sensitivity 500±50mV Frequency Response (20Hz-20KHz) ±3dB Input Impedance >600Ω Signal-to-Noise Ratio ≥81dB Input Impedance >600Ω Sensitivity 300mV @ 6.3 input Frequency Response (80Hz-12KHz) ±3dB Gail (10KHz) ±8dB TREBLE Gain (10KHz)			±3dB		
BASS Gain (100 Hz)	3.5)	Distortion	≤1%		
TREBLE Gain (10KHz)		Signal-to-Noise Ratio	≥81dB		
Input Impedance Sensitivity 1.0±0.1V		BASS Gain (100 Hz)	±8dB		
Sensitivity 1.0±0.1V		TREBLE Gain (10KHz)	±8dB		
AUX1 (Alarm Signal Input) Frequency Response(20Hz-20KHz) ±3dB Signal Input) Distortion ≤1% Signal-to-Noise Ratio ≥81dB Input Impedance > 10kΩ Sensitivity 500±50mV AUX2 (Broadcast Signal Input) Frequency Response (20Hz-20KHz) Distortion ≤1% Signal-to-Noise Ratio ≥81dB Input Impedance >600Ω Sensitivity 300mV @ 6.3 input Frequency Response (80Hz-12KHz) ±3dB Distortion ≤1% Signal-to-Noise Ratio ≥70dB BASS Gain (100Hz) ±8dB TREBLE Gain (10KHz) ±8dB Output Amplitude 1.0±0.1V Frequency Response (20Hz-20KHz) ±3dB Input Distortion ≤1% Signal-to-Noise Ratio ≥90dB Amplifier Output Signal-to-Noise Ratio ≥90dB Rated power 2×20W/8Ω 2×30W/8Ω 2×40W/8Ω Signal-to-Noise Ratio ≥81dB ≥81dB ≥81dB Woofer <td< td=""><td></td><td>Input Impedance</td><td colspan="3">>10kΩ</td></td<>		Input Impedance	>10kΩ		
Signal Input) Response(20Hz-20KHz) ±3dB Distortion ≤1% Signal-to-Noise Ratio ≥81dB Input Impedance >10kΩ Sensitivity 500±50mV AUX2 (Broadcast Signal Input) Frequency Response (20Hz-20KHz) ±3dB Distortion ≤1% Signal-to-Noise Ratio ≥81dB Input Impedance >600Ω Sensitivity 300mV @ 6.3 input Frequency Response (80Hz-12KHz) ±3dB Distortion ≤1% Signal-to-Noise Ratio ≥70dB BASS Gain (100Hz) ±8dB TREBLE Gain (10KHz) ±8dB Output Amplitude 1.0±0.1V Frequency Response (20Hz-20KHz) ±3dB Distortion ≤1% Signal-to-Noise Ratio ≥90dB Amplifier Output Rated power 2×20W/8Ω 2×40W/8Ω Amplifier Overtust Signal-to-Noise Ratio ≥81dB ≥81dB ≥81dB Speaker Tweeter 1" 1" 1" 1" Speaker		Sensitivity	1.0±0.1V		
Signal-to-Noise Ratio ≥81dB Input Impedance >10kΩ Sensitivity 500±50mV AUX2 (Broadcast Signal Input) Frequency Response (20Hz-20KHz) Distortion ≤1% Signal-to-Noise Ratio ≥81dB Input Impedance >600Ω Sensitivity 300mV @ xlR input 300mV @ 6.3 input Frequency Response (80Hz-12KHz) Distortion ≤1% Signal-to-Noise Ratio ≥70dB BASS Gain (100Hz) ±8dB TREBLE Gain (10KHz) ±8dB TREBLE Gain (10KHz) ±8dB TREBLE Gain (10KHz) ±8dB Output Amplitude 1.0±0.1V Frequency Response (20Hz-20KHz) Distortion ≤1% Signal-to-Noise Ratio ≥90dB Amplifier Output Rated power 2×20W/8Ω 2×30W/8Ω 2×40W/8Ω Signal-to-Noise Ratio ≥81dB ≥81dB ≥81dB Woofer 4" 5" 6.5" Tweeter 1" 1" 1" Speaker Maximum Sound Pressure Level Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz	•	•	±3dB		
Input Impedance Sensitivity S00±50mV		Distortion	≤1%		
Sensitivity S00±50mV		Signal-to-Noise Ratio	≥81dB		
AUX2 (Broadcast Signal Input) Frequency Response (20Hz-20KHz) ±3dB Distortion ≤11% Signal-to-Noise Ratio ≥81dB Input Impedance >600Ω Sensitivity 40mV @ XLR input 300mV @ 6.3 input 50mu Frequency Response (80Hz-12KHz) ±3dB Distortion ≤1% Signal-to-Noise Ratio ≥70dB BASS Gain (100Hz) ±8dB TREBLE Gain (10KHz) ±8dB Output Amplitude 1.0±0.1V Frequency Response (20Hz-20KHz) ±3dB Input Distortion ≤1% Signal-to-Noise Ratio ≥90dB Amplifier Output Signal-to-Noise Ratio ≥90dB Amplifier Output Signal-to-Noise Ratio ≥81dB ≥81dB Woofer 4" 5" 6.5" Tweeter 1" 1" 1" Speaker Maximum Sound Pressure Level 103dB±2dB 105dB±2dB 106dB±2dB Frequency Response 95Hz-20KHz 65Hz-20KHz 65Hz-20KHz	· ·	Input Impedance	>10kΩ		
Signal Input Distortion S1% Signal-to-Noise Ratio Sensitivity Sensitivity Signal-to-Noise Ratio Sensitivity Signal-to-Noise Ratio Sensitivity Signal-to-Noise Ratio Sensitivity Signal-to-Noise Ratio Signal-to-Noise Ratio Signal-to-Noise Ratio Signal-to-Noise Ratio Signal-to-Noise Ratio Distortion Signal-to-Noise Ratio Signal-to-Noise Ratio Signal-to-Noise Ratio Distortion Signal-to-Noise Ratio Signal-to-Noise R		Sensitivity	500±50mV		
Signal-to-Noise Ratio ≥81dB 1 2 2 2 2 2 2 2 2 2			±3dB		
Input Impedance		Distortion	≤1%		
Sensitivity Sensitivity 300mV @ 6.3 input		Signal-to-Noise Ratio		≥81dB	
MIC Input (XLR & 6.3) Frequency Response (80Hz-12KHz) ±3dB ±3dB ±3dB		Input Impedance	>600Ω		
MIC Input (XLR & 6.3) Frequency Response (80Hz-12KHz) ±3dB ±3dB 270dB E8dB E8		Consitivity	40mV @ XLR input		
MilC Input (XLR & (80Hz-12KHz) E30B		Sensitivity		300mV @ 6 .3 input	
Distortion ≤1% ≥70dB	, ,	· · · ·	±3dB		
BASS Gain (100Hz) ±8dB TREBLE Gain (10KHz) ±8dB Output Amplitude 1.0±0.1V Frequency Response (20Hz-20KHz) Distortion ≤1% Signal-to-Noise Ratio ≥90dB Rated power 2×20W/8Ω 2×30W/8Ω 2×40W/8Ω Signal-to-Noise Ratio ≥81dB ≥81dB ≥81dB Woofer 4" 5" 6.5" Tweeter 1" 1" 1" 1" Sensitivity 90dB±2dB 90dB±2dB 91dB±2dB Speaker Maximum Sound Pressure Level Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz	0.3)	Distortion	≤1%		
$\begin{tabular}{ll} TREBLE Gain (10KHz) & \pm 8dB \\ Output Amplitude & 1.0\pm 0.1V \\ Frequency Response & \pm 3dB \\ (20Hz-20KHz) & \pm 3dB \\ (20Hz-20KHz) & \pm 3dB \\ Distortion & \leq 1\% \\ Signal-to-Noise Ratio & \geq 90dB \\ Rated power & 2\times 20W/8\Omega & 2\times 30W/8\Omega & 2\times 40W/8\Omega \\ Signal-to-Noise Ratio & \geq 81dB & \geq 81dB & \geq 81dB \\ Woofer & 4" & 5" & 6.5" \\ Tweeter & 1" & 1" & 1" & 1" \\ Sensitivity & 90dB\pm 2dB & 90dB\pm 2dB & 91dB\pm 2dB \\ Speaker & Maximum Sound Pressure Level & 103dB\pm 2dB & 105dB\pm 2dB & 106dB\pm 2dB \\ Frequency Response & 95Hz-20KHz & 80Hz-20KHz & 65Hz-20KHz \\ \end{tabular}$		Signal-to-Noise Ratio	≥70dB		
Output Amplitude $1.0\pm0.1V$ Frequency Response $(20Hz-20KHz)$ Distortion $\leq 1\%$ Signal-to-Noise Ratio $\geq 90dB$ Amplifier Output $Signal-to-Noise Ratio$ Signal-to-Noise Ratio $\geq 81dB$ Woofer $\Rightarrow 1$ Tweeter $\Rightarrow 1$ Sensitivity $\Rightarrow 1$ Sensitivity $\Rightarrow 1$ Speaker $\Rightarrow 1$ Maximum Sound Pressure Level $\Rightarrow 1$ Frequency Response $\Rightarrow 103dB\pm2dB$ $\Rightarrow 105dB\pm2dB$ $\Rightarrow 106dB\pm2dB$ $\Rightarrow 106dB\pm2dB$		BASS Gain (100Hz)	±8dB		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		TREBLE Gain (10KHz)	±8dB		
Pre-out Signal Input $(20\text{Hz}-20\text{KHz})$ $Distortion$ $\leq 1\%$ $Signal-to-Noise Ratio \geq 90\text{dB} Rated power 2\times 20\text{W}/8\Omega 2\times 30\text{W}/8\Omega 2\times 40\text{W}/8\Omega Signal-to-Noise Ratio \geq 81\text{dB} \geq 81d$		Output Amplitude	1.0±0.1V		
Signal-to-Noise Ratio	_	•	±3dB		
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	input	Distortion	≤1%		
Amplifier Output Signal-to-Noise Ratio ≥81dB ≥81dB ≥81dB Woofer 4" 5" 6.5" Tweeter 1" 1" 1" Sensitivity 90dB±2dB 90dB±2dB 91dB±2dB Speaker Maximum Sound Pressure Level 103dB±2dB 105dB±2dB 106dB±2dB Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz		Signal-to-Noise Ratio	≥90dB		
Signal-to-Noise Ratio ≥81dB ≥81dB ≥81dB ≥81dB Woofer 4" 5" 6.5" Tweeter 1" 1" 1" Sensitivity 90dB±2dB 90dB±2dB 91dB±2dB Speaker Maximum Sound Pressure 103dB±2dB 105dB±2dB 106dB±2dB Level Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz	Amplifier Output	Rated power	2×20W/8Ω	2×30W/8Ω	2×40W/8Ω
Tweeter 1" 1" 1" Sensitivity 90dB±2dB 90dB±2dB 91dB±2dB Speaker Maximum Sound Pressure Level 103dB±2dB 105dB±2dB 106dB±2dB Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz		Signal-to-Noise Ratio			
Sensitivity 90dB±2dB 90dB±2dB 91dB±2dB Speaker Maximum Sound Pressure Level 103dB±2dB 105dB±2dB 106dB±2dB Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz		Woofer	-	-	
Speaker Maximum Sound Pressure Level 103dB±2dB 105dB±2dB 106dB±2dB Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz		Tweeter	1"	1"	1"
Level 103dB±2dB 105dB±2dB 106dB±2dB Frequency Response 95Hz-20KHz 80Hz-20KHz 65Hz-20KHz	Speaker	·	90dB±2dB	90dB±2dB	91dB±2dB
. , .			103dB±2dB	105dB±2dB	106dB±2dB
Distortion ≤5% ≤5% ≤5%		Frequency Response	95Hz-20KHz	80Hz-20KHz	65Hz-20KHz
		Distortion	≤5%	≤5%	≤5%

	Standard	/	/	BT4.0	
	Distance	/	/	10m	
Bluetooth	Name	/	/	BT_SPEAK(XXXX) XXXX means 0001-9999	
	Password	/	/	1988	
	Line Input	RCA, 3.5 plug			
	AUX1 (Alarm Signal Input)	RCA plug			
	AUX2 (Broadcast Signal Input)	RCA plug			
Interface	MIC Input	XLR, 6.3 plug			
	Pre-out Output	3.5 plug			
	Power Amplifier Output in Left Channel	WP connecting clamp			
Power Supply	Voltage	~100-240V/50/60Hz/1A			
Product Dimensions	H×W×D (mm)	255×176×170	280×194×185	310×215×203	
Product Weight	Net Weight (kg)	2.8	3.2	3.2	

Front / Rear Panel

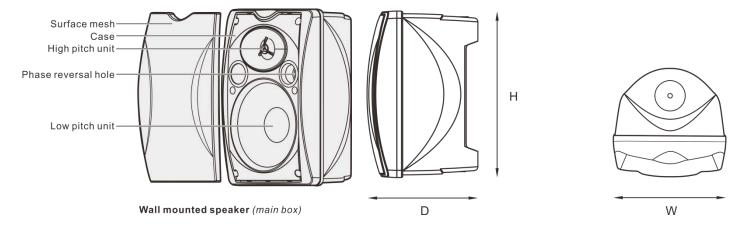
Rear Panel

Note: The rear panel port of DSP6604, DSP6606 and DSP6608 are same, below uses DSP6606 as an example.



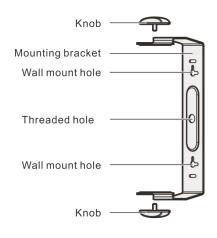
- 1. Mono/stereo switch
- 2. Line input overall gain adjustment
- 3. Line input high pitch and low pitch gain adjustment
- 4. Line input interface (RCA)
- 5. 3.5mm audio interface for Line input
- 6. AC power cord \sim 100-240V/50Hz/60Hz/1A
- 7. WP wire clip output by Power amplifier left channel connecting auxiliary box
- 8. Total volume control knob
- 9. MIC input overall gain adjustment
- 10. MIC input high pitch and low pitch gain adjustment
- 11. MIC balance input interface
- 12. Priority Input interface (RCA)
- 13. Pre-out 3.5mm audio interface
- 14. MIC input 6.3mm non balance interface
- 15. Power switch

Product Information



Model	Height	Width	Depth
DSP6604	255	176	170
DSP6606	280	194	185
DSP6608	310	215	203

Unit: mm

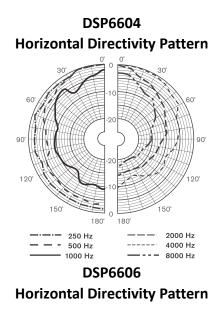


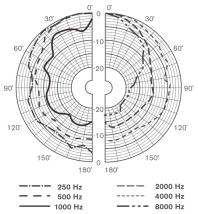
U-shape bracket

Technical Parameters

DSP6604
Vertical Directivity Pattern

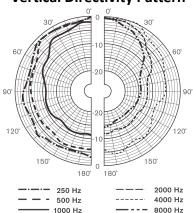
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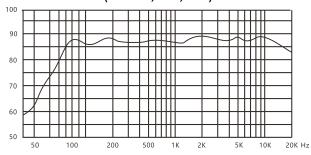
DSP6608

Vertical Directivity Pattern



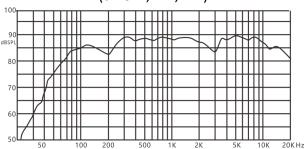
DSP6604 Frequency Response

(dB SPL, 1W, 1m)



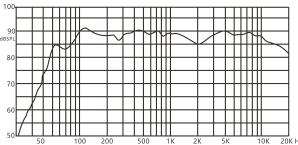
DSP6606 Frequency Response

(dB SPL, 1W, 1m)

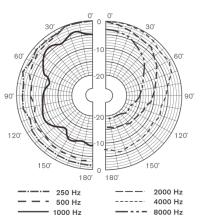


DSP6608 Frequency Response

(dB SPL, 1W, 1m)

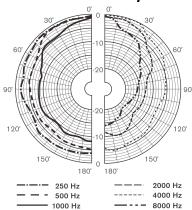


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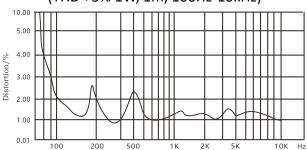
DSP6608

Horizontal Directivity Pattern



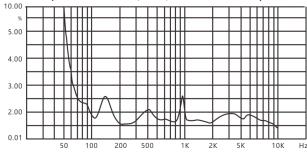
DSP6604 Distortion

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



DSP6606 Distortion

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



DSP6608 Distortion

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

