



Dynamic Audio Solutions

User's Manual

DS SERIES

High Performance Subwoofer



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◆ Product Introduction

Welcome to the world of Audiocenter, a world of Dynamic Audio Solutions. By acquiring DS series Passive Subwoofer, you will enjoy a product embedded with the last technological achievement and the best materials in pro audio. Many years of effort were put to reach our goal of excellence, creating a system without any quality or compromise for real professional people. We hope you will be pleased to use your new speaker like we are pleased to design it.

◆ Safety precautions

When you set up, install and use the DS Series, please follow the following safety measures strictly:

- There can be danger in any step during hanging installation. Everyone should pay attention to personal safety. All purchasers of Audiocenter should be professional people qualified to conduct the work related to such equipment.
- We strongly suggest the users pay full attention to local rules, regulations and laws.
- Installers have the responsibility to make sure the speaker installations are subject to local rules, regulations, and laws.
- If any danger or defect is detected, measures should be taken immediately to correct it. In touring application, please choose the installation hardware and occasion that can sustain the weight of the equipment.
- Please do not try to hang speakers over the design standard.
- When connecting the cables of the products, please use cable tie to fix the cables, to avoid actors, workers, and audience falling on the wire or brackets and affecting the speaker system.
- Please do not place the speakers near equipment sensitive to magnet fields, such as CRT display, TV or data saving materials.
- Please do not place the power cable near heating source. Do not over bend or damage the power cables. Do not place heavy things on it. Please do not place the cables that may be pressed or cause stumbling.
- Only the specified rated voltage should be used for this product. Please refer to the back panel of the product for the specified voltage.
- Only the supplied power cable or plug should be used. (If you need to use the product in a place different from the purchase place, please consult your local Audiocenter distributor.)
- Please check the power cable or plug regularly.
- Please make sure to connect to proper power socket with protection grounding connection.
- Wrong grounding may cause short circuits.
- The product inside does not include any component that can be repaired by users. In case of abnormal operation, please stop using immediately, and contact qualified Audiocenter maintenance worker to repair.
- Please do not use the product in the rain, or near water, or in humid environment, to avoid liquid spilling to any opening.

- When any of the following situations occurs, please cut the power immediately, and pull out the power plug from the socket, and ask qualified Audiocenter maintenance worker to repair.
 - Wear or damage of the power cable or plug.
 - Abnormal smell or smoking
 - Some substance falls into the product
 - Sound stops suddenly when using the product.
- If the product falls or damages, please turn off the power switch immediately. Pull out the power plug from the socket, and ask qualified Audiocenter maintenance worker to repair.
- When pulling out the power plug from the power socket or the product, please make sure to grab the plug instead of the power cable. Pulling the power cable directly may cause damage.
- If the product is not used for long time, or there is thunder storm, please pull out the plug from the socket.
- Please do not place the product in any uneven position. Otherwise, it may cause falling off suddenly.
- If the product is not fixed safely, please do not place it in a position that may cause easy falling.
- Please do not block the air hole. The product has air hole at the back to avoid internal temperature too high. Bad ventilation may cause damage to the product or even fire.
- Please do not hang or install any other component to the handle of the speaker. It may cause damage or injure.
- Please do not press the back panel of the product to the wall. Otherwise the plug may touch the wall and separate from the cable, and cause short circuits, malfunction, or even fire.
- Before connecting the product to other equipment, please turn off the power switch of all equipment. Before turning on or off the power switch of all equipment, please turn down the volume to the minimum.
- Please do not use the product in a very high or uncomfortable volume. Otherwise, it may cause permanent damage to your ear.
- In case of sound distortion, please do not use the product. To Continue using the product in such status may cause fire.
- Using mobile phones near the speaker may cause noise. In case of noise, please use the mobile phone far from the speaker.
- If you need service, please contact Audiocenter service center, agent, or distributor in your area.

⚠ In order to avoid to cause you or others body injury and loss on equipment or property, please make sure to follow above basic items.

Package accessories:

- User's manual
- Quality certificate

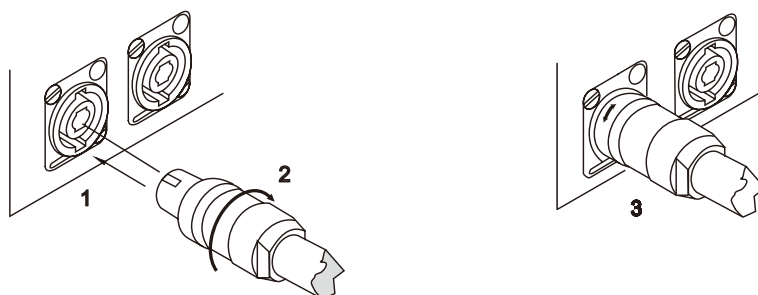
Please check above items carefully. If any questions, please advise Audiocenter representative, dealers, distributors, or contact by email box: support@ac-pro.net.

Optional accessories:

- Cover

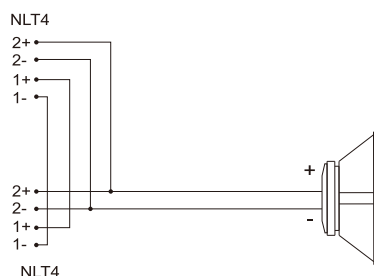
Connecting Guidance

DS series uses two SPEAKON connectors. These connectors are specifically designed for loudspeaker use, with in mind safe and reliable connection. To insert your loudspeaker male SPEAKON connector into any of the input SPEAKON socket and rotate it clockwise. It will then lock into place and be ready for use. The two parallel connectors allow easy loop from one speaker to the next. Unused connector pins are also paralleled. Both connectors can be used as either inputs or outputs.

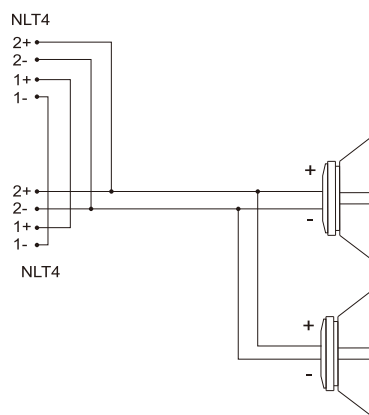
**◆ Wire and Connection**

In order to ensure sound quality and minimum power loss, it is necessary to select sufficiently thick speaker wire according to the number of speakers in each channel, speaker resistance, wire length, single group and connected speaker

Impedance is equal to the impedance of a single speaker divided by the number of speakers.

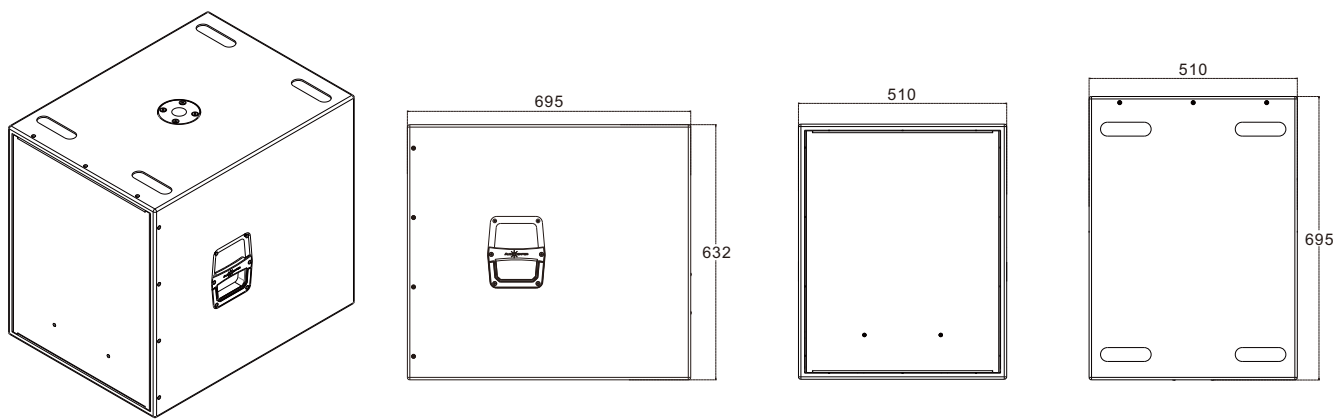


DS118S

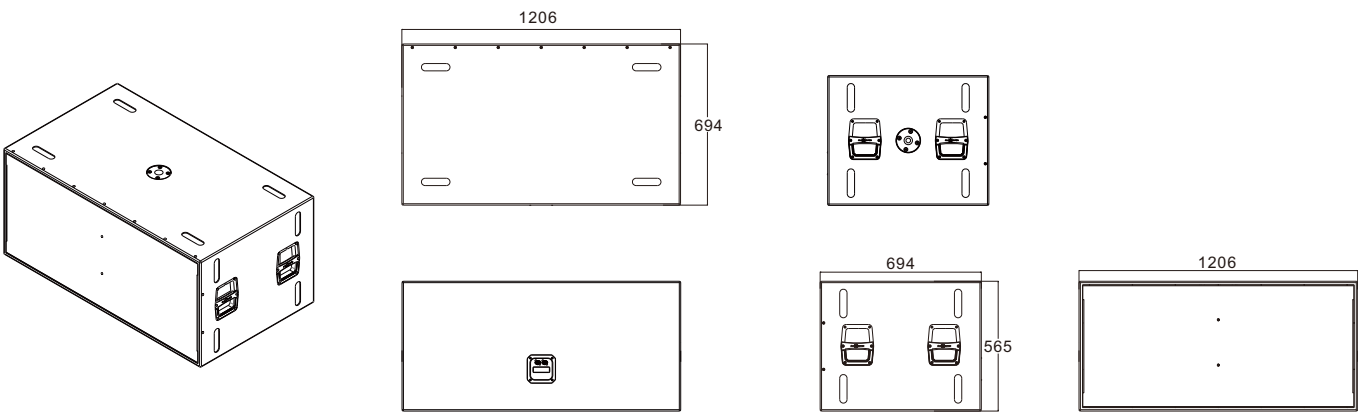


DS218S

◆ Dimension:



DS118S: 510X632X695mm(WxHxD)



DS218S :1206×565×694mm (WxHxD)

◆ Technical Specification

Specifications		DS118S	DS218S
Type		Passive Subwoofer	Passive Subwoofer
Power(RMS standards)	Continuous	600W	1200W
	Program	1200W	2400W
	Peak	2400W	4800W
Frequency response (-10dB anechoic chamber)		35Hz-150Hz	
Horizontal coverage Angle(symmetrical)		/	
Vertical Coverage(symmetrical)		/	
Maximum calculated SPL/m	continuous	125dB	131dB
	Program	128dB	134dB
	Peak	131dB	137dB
Drivers	HF	/	
	MF	/	
	LF	1x18" driver, 4.0" voice coil	2x 18" driver, 4.0" voice coil
Impedance		8Ω (+2, -2)	4Ω (+2, -2)
Crossover mode		Active Crossover	
Signal Input		2x NL4	

CABINET		
Cabinet Material	CNC machined plywood	
Adjust angle	/	
coating	Durable Polyurea Coating	
Cabinet Color	Black is the default color. Contact Audiocenter for customization	
Grille	Iron mesh	
Handles	2 side	
Monitor Angle	/	
Hanging Hardwares	/	
Pole Mount	M20 formed base, φ35mm	
Speaker Dimension(WxHxD)	510×632×695mm	1206×565×694mm
Carton Dimensions(WxHxD)	596×750×780mm	651×1331×780mm
Net Weight	37Kg	66.0Kg
Shipping Weight	40Kg	70.0kg
Technical Support and After-sales	Global application support team	

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