



V10/V10S/V218S LINE ARRAY SYSTEM

**USER
GUIDE**

1. IMPORTANT SAFETY INSTRUCTIONS

WARNING:

In order to avoid the possibility of physical injury to you or others, or damage to the device or other property, please follow the basic precautions listed below. These precautions include, but are not limited to, the following:

- Read and keep these instructions
- Heed all warning.
- Follow all instructions.
- This device is capable of delivering high sound pressure levels beyond 120dB, which may cause permanent hearing damage. Please pay more attention to select a proper volume.
- Do not remove the front metal grille which protects the loudspeaker (or the inside components) from any irreparable damage. The device contains no user-serviceable parts.
- Do not use solvents such as acetone or alcohol to clean the device, or the solvent may damage its finish.
- Do not expose the device to the atrocious environment for a long time (for example: moisture, excessive heat, strong temperature variations, etc.)
- Clean the device once in a while to avoid excessive dust; when removing the device, please pack the device with original packaging for any transport purpose
- Only use the accessories/attachments or parts recommended by the manufacturer.

CAUTION:

In order to avoid the possibility of damage to the device or other property, please follow the basic precautions listed below. These precautions include, but are not limited to, the following:

Location

The series speaker features with smart and convenient installation facility, which can be located on a stable ground surface or mounted on a stand (only for full-range speaker) or other ways. For protecting your speaker from possible damage, please note following caution:

- If you place your speaker on flat surface, please make sure the flat surface is even, completely firm.
- Before moving the speakers, remove all connected cables.
- When installing or transporting the device, always use two or more people.

Connections

- Always make sure that all devices are turned off when connecting the speaker to other devices. Also make sure that all volume and level controls are turned down to minimum before turning the power on.
- Use only speaker cable for connecting speakers to speaker jacks. Use of other types of cables may result in fire.



WEEE Mark

If you want to dispose of this product, do not mix with general household waste. There are separate collection systems for used electronic products in accordance with legislation under the WEEE Directive (Directive 2002/96/EC) and is effective only within the European Union.

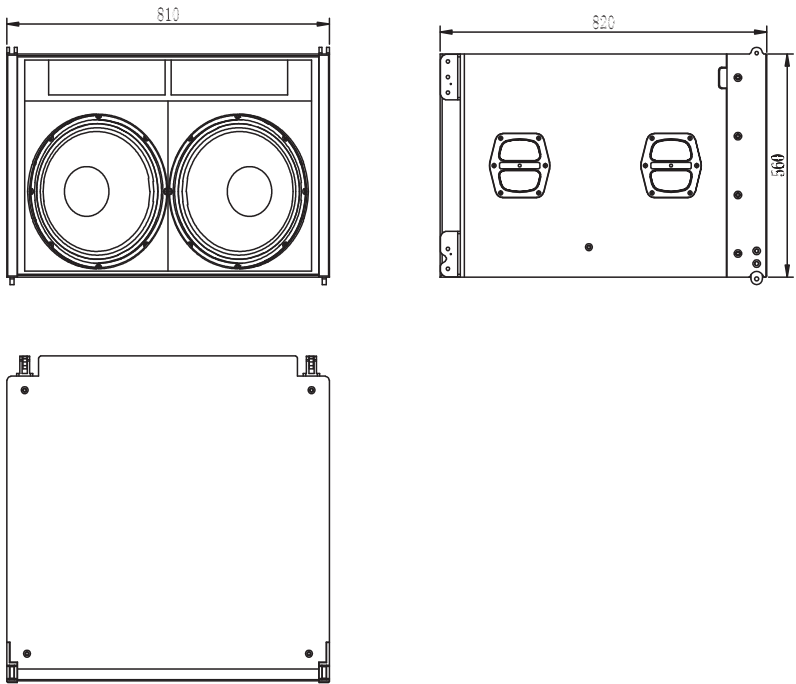
Introduction

- 1.Compact design, concise, elegant and wear-resisting appearance;
- 2.Precise suspension system for easy installation and uninstallation, high reliability;
- 3.The working impedance is designed with 16Ω HF and 8Ω LF for the whole cabinet, convenient engineering configuration;
- 4.Bright, exquisite and hierarchical treble; thick and powerful bass, best option for stadium, theater, etc
- 5.Used as front speaker of medium/small amplifier system; suitable for conference room, multi-function hall, theater, auditorium, church, etc

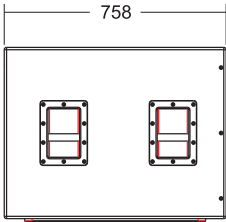
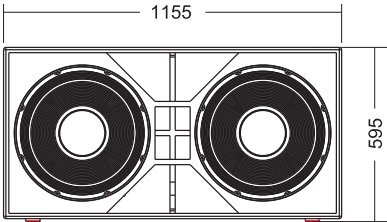
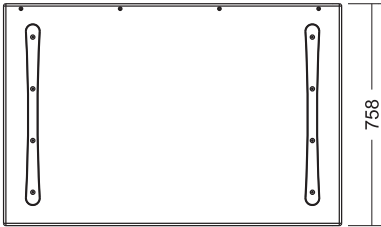
Specification

Model	V10
Type	Two-way line array system
Frequency Response	70Hz~20KHz
Coverage	$120^{\circ}(\text{H}) \times 10^{\circ}(\text{V})$
LF	$2 \times 10''/\text{NdFeB}$
HF	$2 \times 1.75''$ compression driver/ NdFeB
Sensitivity (1W@1m)	HF: 110dB / LF: 102dB
Nominal Impedance	HF: 16Ω / LF: 8Ω
Power Rating	HF: 80W(RMS),160W(PGM),/320W(peak)
	LF: 700W(RMS),1400W(PGM),2800W(peak)
Max SPL	HF: 137dB / LF: 135dB
Dimensions (WxHxD)	$810 \times 290 \times 490(\text{mm})$
Weight	34kg
Angle	$0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10^{\circ}$ adjustable

Model	V10S
Type	Line array woofer
Frequency response	35Hz~500Hz (-10dB), 40Hz~400Hz (±3dB)
Coverage	/
LF unit	2x15" (385mm) / 4" voice coil
Sensitivity (1W@1m)	101dB
Nominal impedance	4Ω
Power Rating	1400W (RMS), 2800W(PGM),5600W (peak)
Max SPL	139dB
Crossover	200Hz
Dimension (WxHxD)	810x560x820 (mm)
Weight	79kg



Model	V218S
Type	18inch passive bass reflex
Frequency Response (-10dB)	32Hz~200Hz
Sensitivity (1W@1M)	99dB±3dB
Max SPL	138dB
Rated Power	2000W (RMS), 4000W(PGM) 8000W (peak)
Nominal Impedance	4Ω
Crossover	100Hz
Input	2 x SPEAKON
LF Unit	2 x 18" woofer/ 100mm voice coil/ 2000W/ 4Ω
Dimension(WxDxH)	1115*595*758(mm)
Net Weight	83kg
Gross Weight	92.3kg



SAFETY INSTRUCTION

- 1) Please ask professional technician for hanging the cabinets.
- 2) V10 can suspend no more than 12pcs speakers; V10S no more than 4pcs speakers.
- 3) Please ask qualified audio engineer to adjust the audio of the cabinet system. Meanwhile, pay attention to specification adjustment to avoid any damage of audio instruments.
- 4) Do not plug in/out the signal wire while amplifier operates.
- 5) Avoid any audio feedback to damage the apparatus during operation.
- 6) Do not disassemble the metal grille.
- 7) Use a dry cloth for cleaning. Do not use any solvent, e.g. benzol, acetone & alcohol etc.
- 8) Keep the apparatus away from moist, hi-temperature, big temperature difference environment.
- 9) Clean the surface regularly. Pack the apparatus in canvas bag or box before transportation.

Panel Operation

Line Array Cabinet System V10

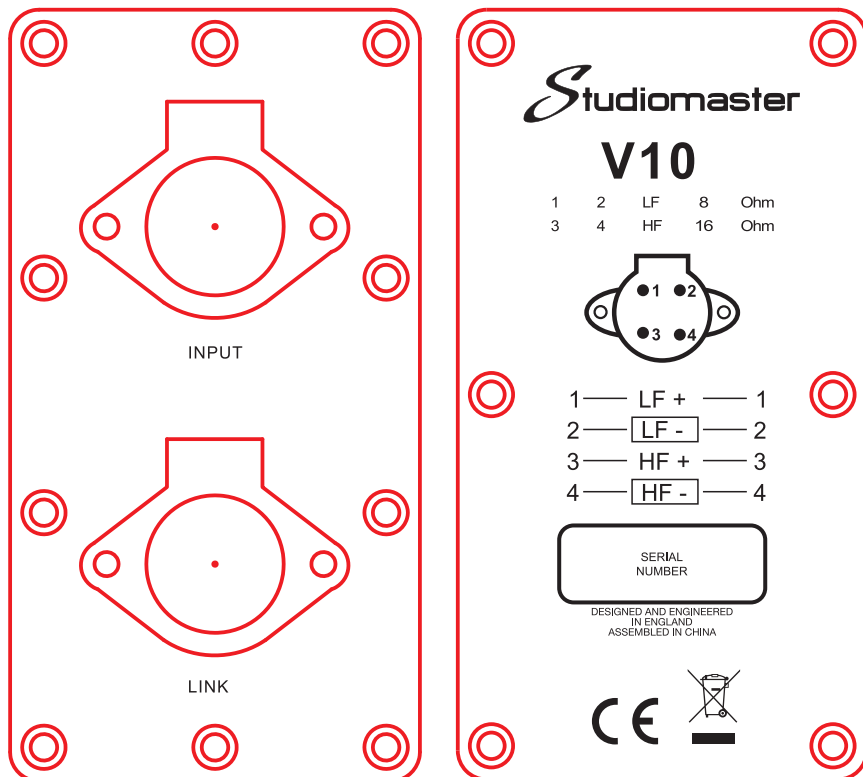
V10 Line Array System comprises 2pcs 10" speakers and 2pcs 44mm HF compression drivers, covering 120°(horizontal) x 10°(vertical). Designed with professional 4-pin connectors, Line 1, Line 2, Line 3 and Line 4 separately connect LF+, LF-, HF+ and HF-, two sockets wired already.

1) Signal input connector(INPUT)

Professional speaker connector for signal input to link with external power amplifier.

2) Signal output connector(OUTPUT)

Professional speaker output connector, mainly used to link with another speaker cabinet.



Panel Operation

1.V10S Subwoofer System

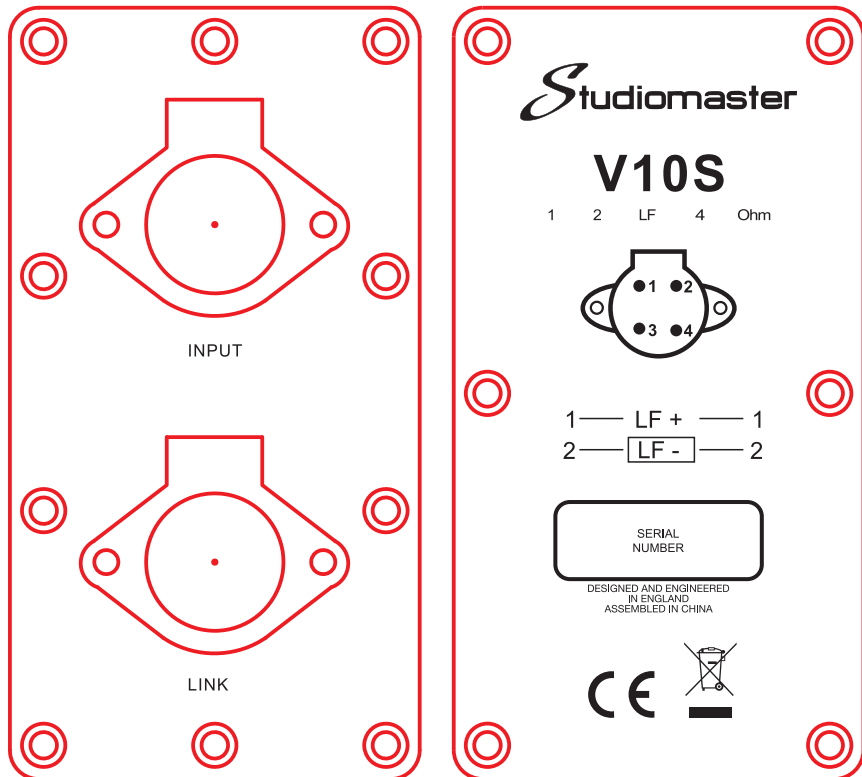
V10S Subwoofer System comprises 2pcs 15" speakers. Designed with professional 4-pin connectors, Line 1 and Line 2 separately connect Horn+ and Horn-, two sockets wired already.

1) Signal input connector(INPUT)

Professional speaker connector for signal input to link with external power amplifier.

2) Signal output connector(OUTPUT)

Professional speaker output connector, mainly used to link with another speaker cabinet.



Panel Operation

1)INPUT

This professional speaker input connector normally connects the output connector of external amplifier, +1, -1 for signal input.

2)OUTPUT

This output connector connects the input connector of another speaker.



Installation

Designed with easy and reliable suspension structure for fast suspension into vertical array; alternatively, V10S can be placed on the floor, on the top of which V10 can be piled. The function can be greatly expanded.

1. Hoist.

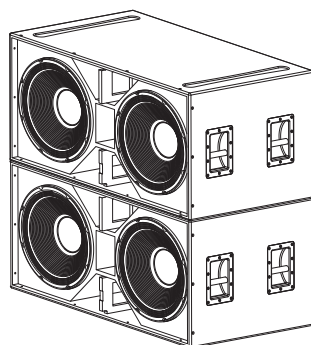
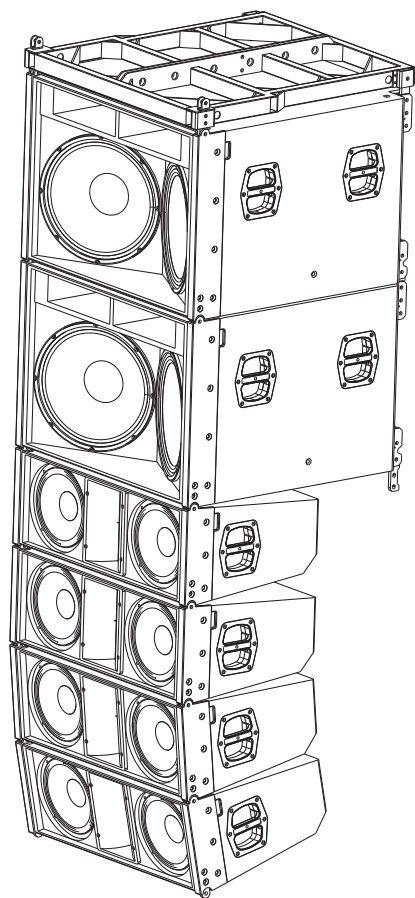
2. Top frame:

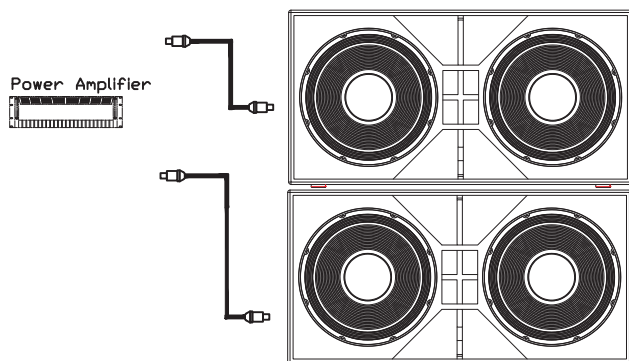
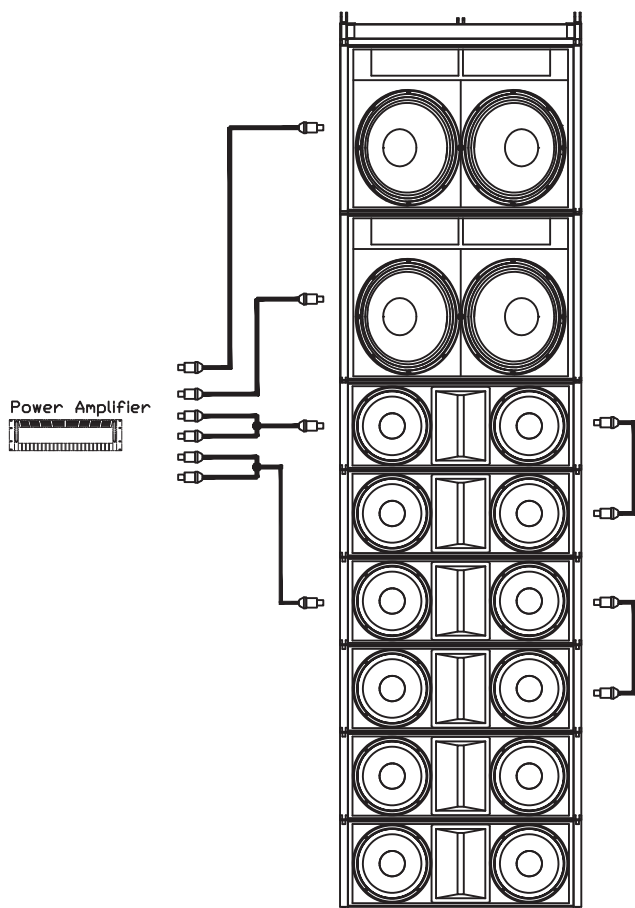
Install the shackle on bracket, fasten tape on shackle, then hang it on the hoist and adjust the balance.

Fasten both front and rear link blocks on bracket by inserting pin.

3. V10S installation: match the link blocks already fastened on bracket to the mounting holes, then insert the pins for fixation.

4. V10 installation: match the link blocks of V10S to the mounting holes of full-range speaker, then insert the pins for fixation.





Configuration

Device	Model	Unit	Quantity	Remark
Speaker	V10	PCS	4	
Speaker	V218S	PCS	2	
Speaker	V10S	PCS	2	
Bracket		PCS	1	Optional
Tape		PCS	1	Optional
Shackle		PCS	4	Optional
Hoist		PCS	1	Optional

EXPECT THE BEST



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