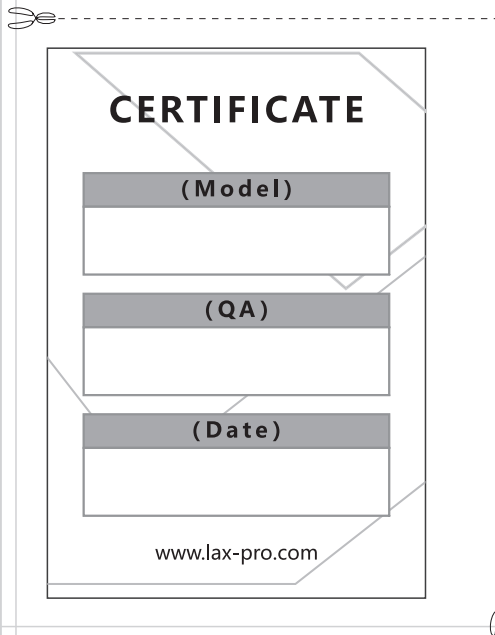




USER MANUAL



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V.1.0 8/15/2023

NOTES

Please read this manual carefully before operate the device.
Keep this manual in a safe place for reference.

⚠ WARNING

To avoid causing shock, short cut, damage, fire or any other dangers which lead to serious injury or even death, please ensure follow below notes. These notes include but not limited to below condition:

POWER SUPPLY / POWER CORD

- Keep the power cord away from heat sources, buckled or damaged. Do not place heavy objects on the device, or place the device in places where may causing trampled or crushed.
- Only use specify rated voltage of the device.
- Only use attachments power cord and plug.
- Regular checking and cleaning dirt of the power plug.
- Please ensure connect with grounded power sockets. Any disconnection of the grounding may cause electric shock.

DO NOT UNCLOSE THE DEVICE

Do not open the device, remove any internal parts or make any modifications. Stop using if any abnormal occur.

FIRE

Please do not place burning objects on the device, may causing a fire hazard.

THE DEVICE IS REQUIRED MAINTENANCE IN THE CONDITION BELOW

- If any of below condition occur, please disconnect the power supply by pulling the power plug. Ask professional person for maintenance.
 - Wore or damaged power cord or plug.
 - Abnormal smells or smokes.
 - Articles fall into the device.
 - Suddenly no sounds during operating the device.

⚠ CAUTIONS

To avoid causing any personal injury, facility or property damage, ensure follow below notes. These notes include but not limited to below condition:

POWER SUPPLY / POWER CORD

- Please grab the plug when pulling power plug from the device or power socket. Pulling power cord directly may cause damage.
- The device should be disconnected when unused for long periods of time or during lightning storms.

MOUNTED POSITION

- Do not place this device on unstable place, or might cause sudden turnover.
- If no safe fixation of the device, please do not installed in places even flat surface where easy falling down.
- Please do not use handles of the device for suspension installation, may causing damage or personal injury.
- During transportation or moving, make sure the device disconnected.
- Before installation, please contact with professional maintenance personnel, and must follow below notes:
 - This product should not be immersed in water and should not be placed in a humid or corrosive environment
 - Choose suitable installation site where can withstand the weight of the device.
 - Avoid places where constant vibration.
 - Use the correct tools for installation.
 - Inspect this device regularly.

CONNECTION

- Before connect this device with any other equipment, please turn off power switch of all the equipment.
- Please tune all the volume to minimum before turn on or off the power switch of all the equipment.

MAINTENANCE

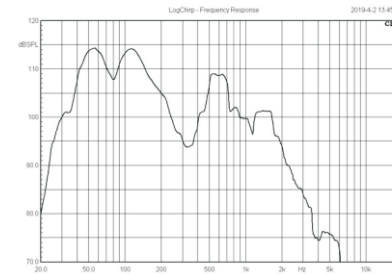
Please ensure pull the power plug from the AC power socket before cleaning this device.

OPERATIONS

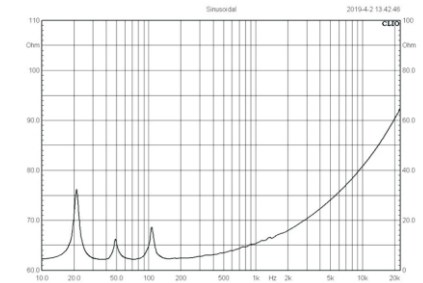
- Do not insert fingers or hands in any ventilation slits of this device.
- Do not press body or place heavy objects on this device, avoid operating button, switch or socket excessively and forcibly.
- Do not use this device under very high or uncomfortable volume level for long periods of time, otherwise may cause permanent ear damage. When encounter deafness or tinnitus, please seek medical treatment.
- Stop using this device when output sound distortion. Continue using under such status the device may overheat and cause a fire hazard.

■ Product curve

2×18 "



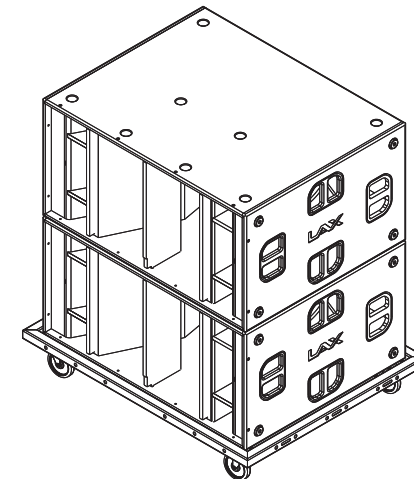
Frequency Response



Impedance

■ Steel plate transport vehicle

(according to customer requirements):



Series application

Theaters, auditoriums
Sports venues
Large conference rooms, multifunctional halls
Main and aux amplifying system of the clubs and discos

Product characteristics

- This product is a speaker system composed of dual 18-inch low-frequency drive units installed in a front-plus-horn design and a rear-guided folded composite box. It has the characteristics of high efficiency, high performance and high index. The three sides of the box are equipped with non-slip rubber feet, which can adapt to the placement of different ultra-low frequency arrays. There are 4 two-way handles on the side, which are easy to move and transport. There are 2×12" full-range speaker rubber feet on the top surface to sink, to ensure the safety when quickly building a sound combination.
- The box body is composed of high-strength splints, sprayed with military-grade waterproof paint, the protective surface of the speaker unit is equipped with high-strength speaker nets, and the interior is covered with sound-permeable mesh cotton.
- It can be used with this series of speakers to form a sound reinforcement system.

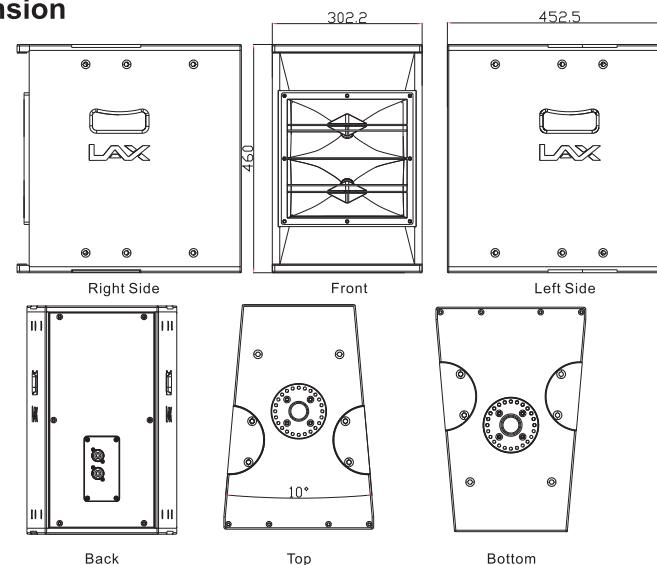
Technical Specification

2×18 "

Frequency response	35Hz ~ 200Hz (-3dB)
Sensitivity(1W/1m)	110dB
Nominal Impedance	4 Ω
Rated power(AES)	1500W
MAX SPL	146dB(peak)
Connectors (conventional/waterproof)	conventional : 2+2- Low Freq Input waterproof : 3+4- Low Freq Input
Dimension(WxDxH)	1161×581×920. 5mm
Weight	87Kg

2X8 " two-way full range speaker

Dimension



Series application

Theatre, auditorium
Sports venues
Large conference hall, multi-function hall
Club and DISCO main and auxiliary speakers

Product characteristics

- This product is a double-compression coaxial speaker system, two 8-inch low-frequency units are arranged in a V shape, and a special double compressor is formed to form the best coupling horn structure. The front section is equipped with a double-speaker waveguide transmission horn. The coaxial structure effectively improves the system sensitivity, avoids the uneven directivity introduced by multiple acoustic centers, and realizes the unity of the physical sound image. With the rotatable horn, it forms a vertical array and multiple stacks to meet the pursuit of greater sound pressure.
- The high-frequency part adopts two 44-core neodymium magnetic high-sensitivity compression drivers, and the low frequency uses two 8-inch neodymium magnetic units. The cabinet structure is compact, only the size of a 10-inch cabinet, and the weight is only 15KG.
- The box body is composed of high-strength splints, equipped with 24 M8 hanging points, which can be hung in multiple directions. The top and bottom of the speaker are each equipped with a 35mm bracket bottom bracket.
- It can be combined with speakers of the same series to form a sound reinforcement system.

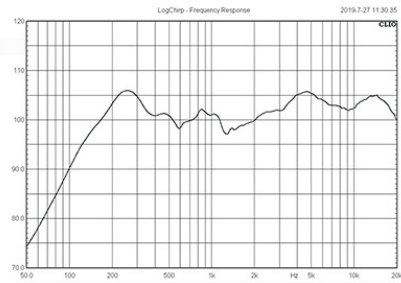
■ Technical Specification

2X8 "

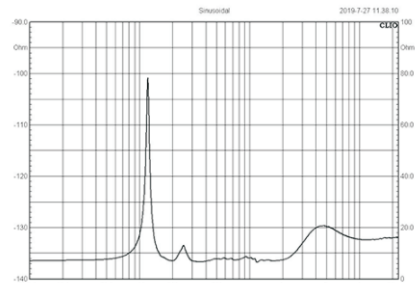
Frequency response	90Hz~20kHz (±3dB)
Sensitivity(1W/1m)	108dB
Nominal Impedance	8Ω
Rated power(AES)	500W
Dispersion(H×V)	75°×50° (The horn can be rotated to achieve different use requirements)
MAX SPL	140dB(peak)
Connectors (conventional/waterproof)	conventional : 1+1- Full Range Input waterproof : 1+2- Full Range Input
Dimension(WxDxH)	302×460×447.5mm
Weight	15Kg

■ Product curve

2X8 " Frequency Response

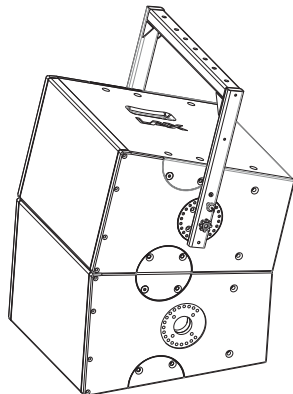


Impedance

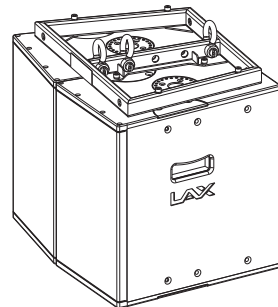


■ Hoisting mode:(according to customer requirements)

(Horizontal hanger kit)

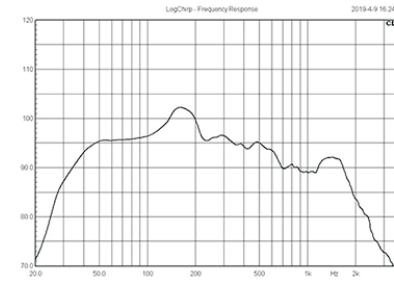


(Vertical hanger kit)

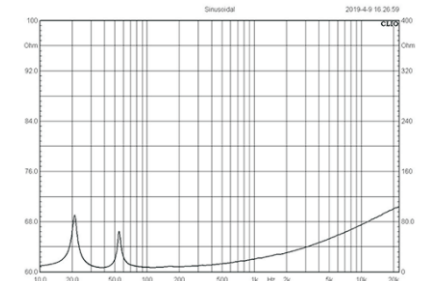


■ Product curve

1×18 "



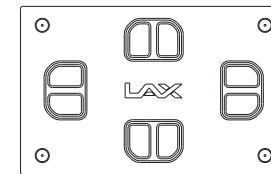
Frequency Response



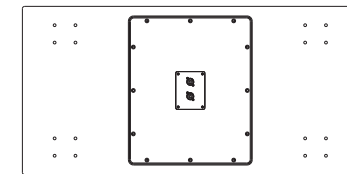
Impedance

2×18 " Subwoofer

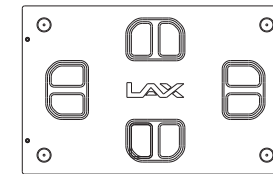
■ Dimension



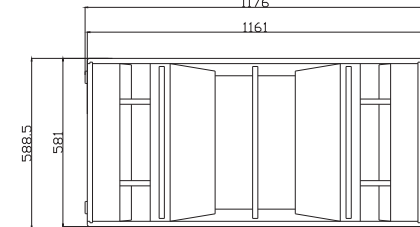
Left Side



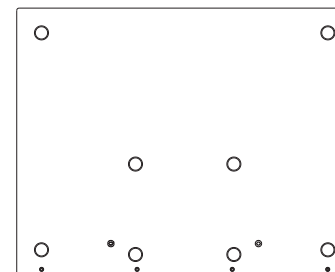
Back



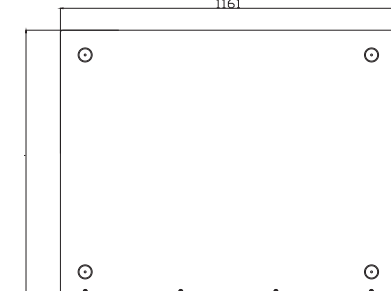
Right Side



Front
1161



Top



Bottom

■ Series application

Theaters, auditoriums
 Sports venues
 Large conference rooms, multifunctional halls
 Main and aux amplifying system of the clubs and discos

■ Product characteristics

- This product is composed of a single 18-inch speaker and a rear-loaded wooden box structure.
 Among many experimental schemes, we chose the post-loading scheme with high sensitivity and efficiency. When the speaker is loaded with more air loads, its energy will be concentrated in the frequency bands required by the design, reducing the unnecessary frequency bands.
- The bottom of the box is equipped with 4 non-slip rubber feet, and the side is equipped with 4 two-way handles, which are easy to move and transport.
- It can be combined with the same series of speakers to form a sound reinforcement system.

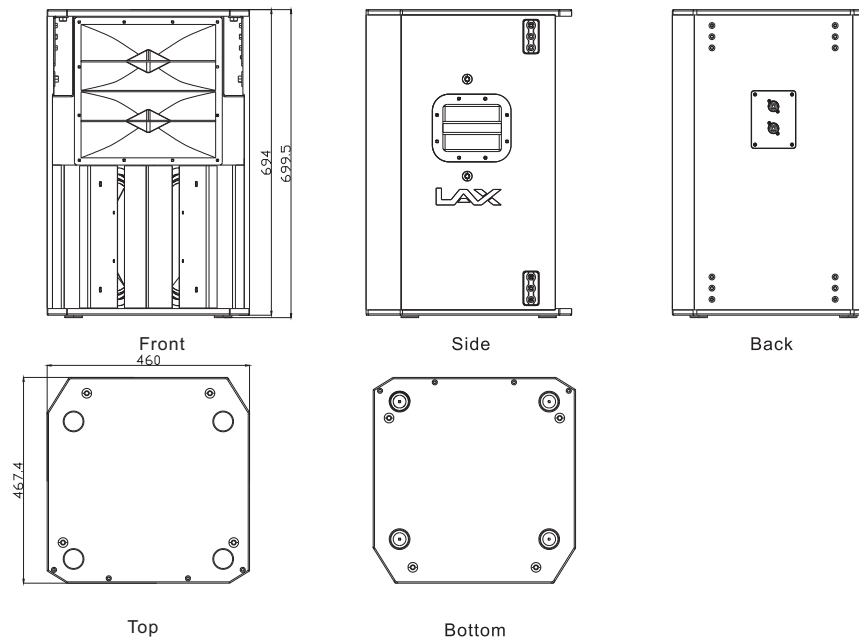
■ Technical Specification

1×18"

Frequency response	33Hz ~ 200Hz (-3dB)
Sensitivity(1W/1m)	103dB
Nominal Impedance	8Ω
Rated power(AES)	900W
MAX SPL	136dB(peak)
Connectors (conventional/waterproof)	conventional : 2+2- Low Freq Input waterproof : 3+4- Low Freq Input
Dimension(WxDxH)	561×880×749.5mm
Weight	59.5Kg

2X12 " two-way full range speaker

■ Dimension



■ Series application

Theatre, auditorium
 Sports venues
 Large conference hall, multi-function hall
 Club and DISCO main and auxiliary speakers

■ Product characteristics

- This product is a two-frequency speaker system. The treble adopts a two-speaker waveguide transmission horn, coupling two 75-core high-efficiency neodymium magnetic compression driving units, energy nondestructive superposition, while ensuring effective horizontal and vertical sound control.
- This product adopts two 12-inch low frequency units for low and middle frequency, which can effectively superimpose low and middle frequency energy through conjugate compression horn speaker technology to improve sensitivity and make the system phase excellent.
- The product is designed with rotary drum, which can be used in various horizontal and vertical arrays. In the single loudspeaker to play the high performance, while the vertical direction of the wave constraint control, to achieve the best sound stack array combination.

-The box is composed of high-strength splints and equipped with 12 M10 lifting points, which can be used for hanging in multiple directions. Spray black waterproof paint, the protective surface of the speaker unit is equipped with black iron mesh, and the inside is covered with sound permeable mesh cotton.

-can be combined with this series of speakers to form the sound amplification system.

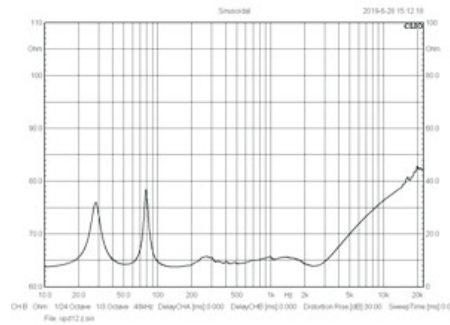
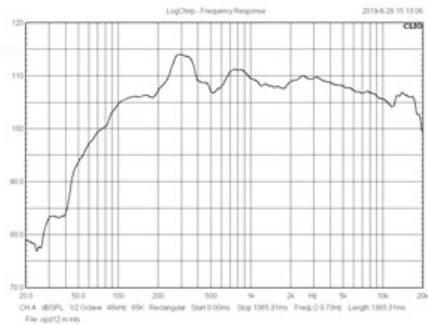
■ Technical Specification

2X12 "

Frequency response	60Hz~20kHz (± 3dB)
Sensitivity(1W/1m)	108dB
Nominal Impedance	8 Ω
Rated power(AES)	900W
Dispersion(H×V)	65°×40° (The horn can be rotated to achieve different use requirements)
MAX SPL	140dB(peak)
Connectors (conventional/waterproof)	conventional : 1+1- Full Range Input waterproof : 1+2- Full Range Input
Dimension(WxDxH)	460×467. 4×694mm
Weight	40Kg

■ Product curve

2X12 "

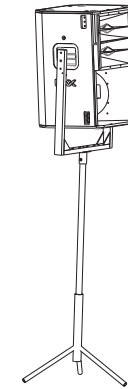
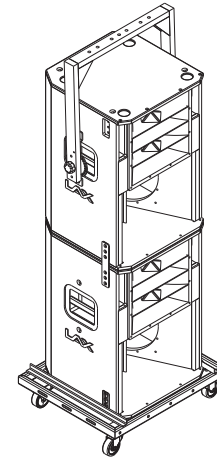


Frequency Response

Impedance

■ Hoisting mode, transport vehicle: (according to customer requirements)

U - type hanging kit with two loading carts U-type hanging kit with triangular support frame



1×18 " Subwoofer

■ Dimension

