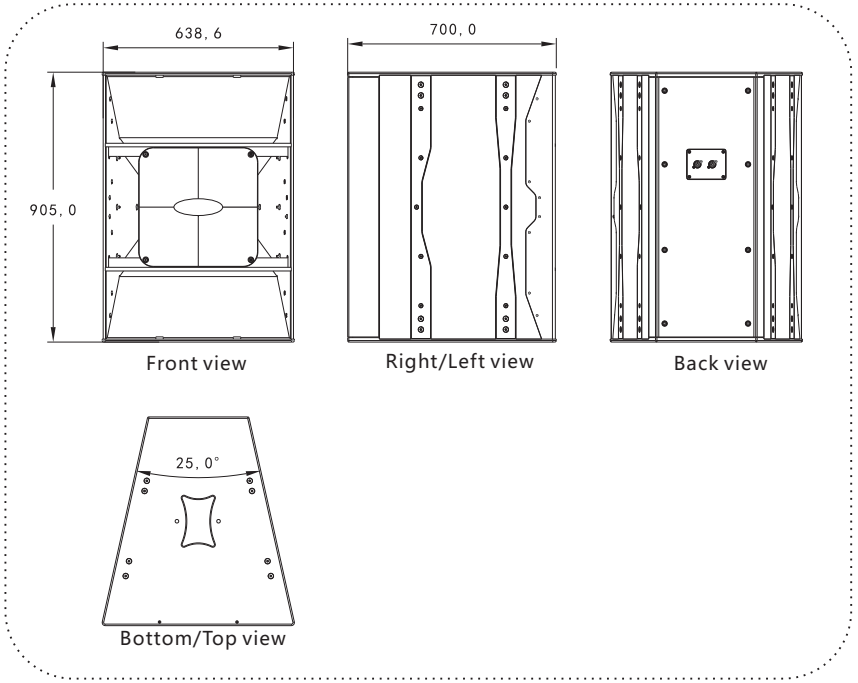
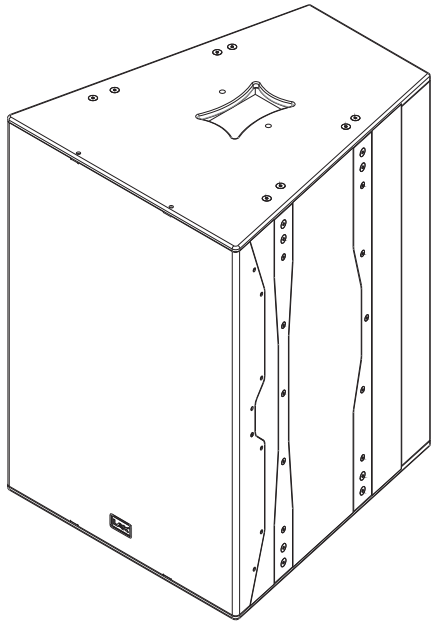
● EXTERNAL DRAWING



THREE-WAY BI-AMP BEAM ARRAY SPEAKER

USER MANUAL



The appearance is for reference only, the concrete security kind

Guangzhou Ruifeng Audio Technology Co.Ltd

Tel: +86 20 39280103
Fax: +85 20 39280141
Website: www.lax-pro.com

Address: NO.10 Shilou Section, Shilian Road,
Shilou Town,Panyu District,
Guangzhou City,China 511447

V.1.0 2023-11-13

This manual is for reference only and is subject to change without prior notice

2×12 "

THREE-WAY BI-AMP BEAM ARRAY SPEAKER

● SERIES APPLICATIONS

Sports venues, swimming pools, theaters, lecture halls, ball rooms, auditoriums.

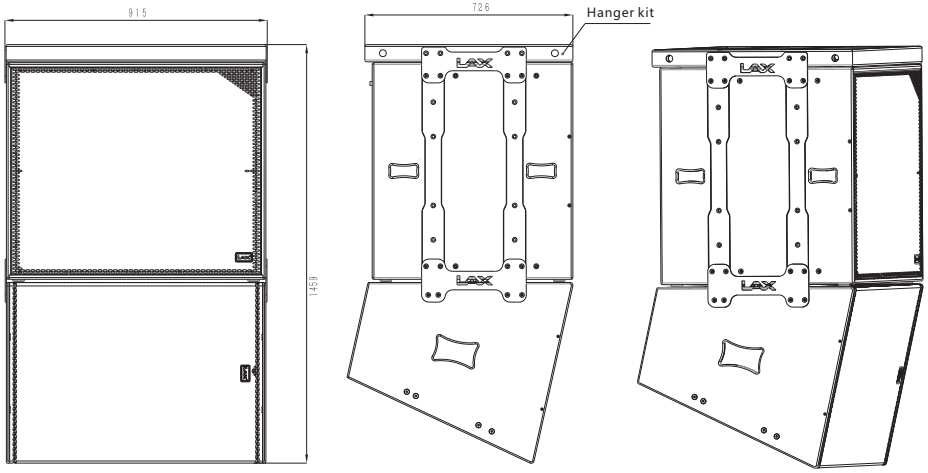
● PRODUCT FEATURES

This product uses physical wavelength constraint to achieve full-frequency sound wave constraint. Achieved a breakthrough and transformation from sound amplification to voice control. The low-frequency band can be controlled similarly to the high-frequency directivity to achieve a "flashlight" acoustic effect, greatly increasing direct sound and improving the clarity of sound reinforcement. The speaker adopts an excellent dual-driver folding horn beam scheme for the mid-bass. The folded horn does not increase the size of the speaker too much.

The mid- and high-frequency drivers use coaxial and common horns, and the controlled mid- and high-frequency wavelength matching is seamlessly connected to the low-frequency horn, which can be regarded as a powerful horn beam structure.

The box body is made of imported birch wood, and the surface is sprayed with military-grade waterproof paint. The protective surface of the speaker unit is equipped with a high-strength speaker mesh and is covered with acoustically transparent mesh cotton.

● HANGING METHOD (ADDITIONAL ACCORDING TO CUSTOMER REQUIREMENTS)



● WIRING DIAGRAM

REGULAR VERSION:

1+ 1− Low frequency

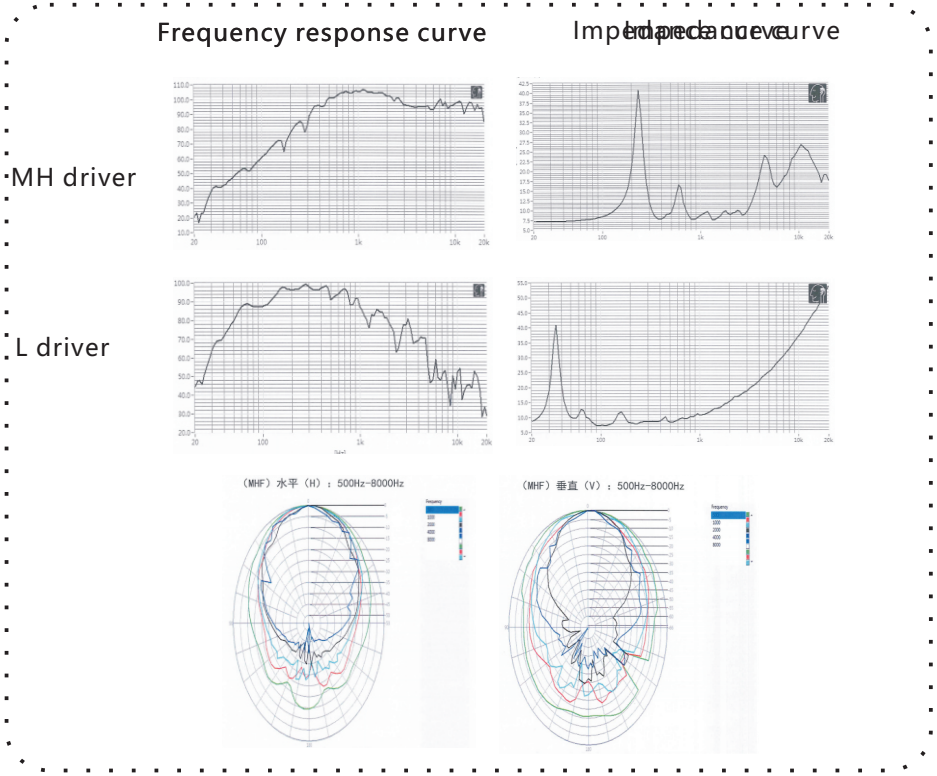
2+ 2− medium and high frequency

WATERPROOF VERSION:

1+ 2− Low frequency

3+ 4− medium and high frequency

● PRODUCT CURVE



● TECHNICAL PARAMETER

Frequency response	75Hz - 19kHz(-10dB)
Sensitivity(1W1m)	Low frequency105dB;medium and high frequency110dB
Nominal impedance	Low frequency8Ω;medium and high frequency8Ω
Rated power(AES)	Low frequency600W;medium and high frequency80W
Nominal coverage angle(HxV)	70°x50° (horn can be rotated 90°)
Maximum sound pressure level	Low frequency:127dB (continuous), 138dB (peak) medium and high frequency:128dB (continuous),140dB (peak)
Dimensions(WxDxH)	638×700×905mm
Weight	82.3kg