

LA-6500 LA-215SUB Active Line Array Speaker



700W Professional Passive Line Array Speaker LA-6500

1000W Dual 15" Active Subwoofer LA-215SUB

Description

The LA-6500 Professional Passive Line Array Loudspeaker system, along with the LA-215SUB Active Subwoofer, provides a comprehensive solution for professional sound reinforcement. The LA-6500 offers a blend of line source technology and ease of use, delivering natural timbre, high fidelity, and broad frequency response. The LA-215SUB adds deep and precise bass, powered by a built-in DSP and a lightweight, stable Class-D amplifier. This compact, powerful system is ideal for diverse venues, ensuring powerful and clear sound for audiences.

Features

LA-6500 Professional Passive Line Array Loudspeaker

- LA-6500 is a new type of sound system that combines the advantages of line source technology and the plug-and-play method. It is designed for professional sound reinforcement and high-end venue applications, with sweet and nature timbre, high restoration authenticity, full mid-frequency, penetrating power, delicate high frequency, rich sense of extension. It has high fidelity, high sound pressure level and minimal distortion.
- LA-6500 has four 6.5" woofers, providing a usable bandwidth of 90Hz and a 6.5" midrange speaker plus two ribbon tweeters loaded with a J-shaped progressive surface. This sensor device produces a Hor.120°×Vert.60° (+50/-10°) directivity pattern optimized for wide horizontal coverage with extended throw capabilities. Its matching LA-215SUB active subwoofer uses two 15" high-power and high-dynamic neodymium magnetic bass units, designed to provide low-frequency dynamics and extended bandwidth as low as 45Hz.
- The LA-6500 can be quickly installed on top of the LA-215SUB using auto-connect plug-and-play audio and physical connections.
- Applications: Social activity venues, churches, auditoriums, theaters, theme parks, museums, lounges, bars, and hotels

LA-215SUB Active Subwoofer

- Dual 15-inch active low-frequency speakers with an inverted design, provide a powerful and shocking sound for audiences with more precise and powerful audio.
- With a powerful built-in DSP processor, it features functions such as gain, crossover, equalization, delay, compression, and program memory, etc. Users can either select the manufacturer's preset program design or optimize the settings themselves;
- It adopts switching power supply design, with light weight and stable performance, and "CLASS-D" power amplifier with high power and small distortion;
- The top has groove slots and connection fixing components, making it easy to connect and fix with the line array speaker LA-6500, making installation convenient and fast
- The fan and aluminum radiator are used for cooling, ensuring the stability of the amplifier module.
- Applications: Social activity venues, churches, auditoriums, theaters, theme parks, museums, lounges, bars, and hotels

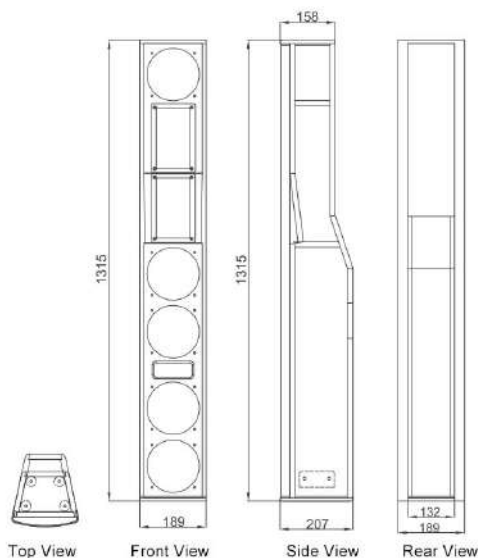
Specifications

Model	LA-6500
Rated Power	700W (LF:500W MHF:200W)
Max. Power (PEAK)	LF:2000W MHF:800W
Driver Units	Bass 6.5 inches (178mm) ×4 Midrange 6.5 inches (178mm) ×1 Ribbon tweeter × 290Hz~20KHz
Frequency Range(±3dB)	90Hz~20KHz
Coverage Range(-6dB)	Horizontal 120°×Vertical 60°(50°/-10°)
Sensitivity (1m/1w)	LF:100dB MHF:105dB
Max. SPL (PEAK)	LF:127dB (Continuous) /133dB (Peak) MHF:128dB (Continuous) /134dB (Peak)
Standard Impedance	LF:8ΩMHF:4Ω
Product Dimension (H×W×D mm)	1315x189x207
Net Weight	17.55Kg

Model	LA-215SUB
Rated Power	1000W
Driver Units	Neodymium magnet woofer 15 inches (380mm)×2
Frequency Range(±3dB)	220Hz~20KHz
Coverage Range(-6dB)	N/A
Max. SPL (PEAK)	138dB (Peak)
Amplifier Module	Equipped with DSP Module, Class D Amplifier
THD	<0.1%
Input Sensitivity	1.4V
Input/Output	XLR (Balanced)
Power Supply	AC220V,50Hz/60Hz
Product Dimension (H×W×D mm)	886x460x595
Net Weight	54.8Kg

Product Information

LA-6500 Diagram



LA-215SUB Diagram

