



Linear Array Speaker

LA-2650H



Description

It is specially designed for conference halls, banquet halls, multi-functional lecture halls and other sound reinforcement scenes. It takes into account both language clarity and music expression. It is suitable for a variety of application scenes such as speeches and performances. It is the core component for building a high-precision and high-reliability line array sound reinforcement system .

Features

- *The multi-layer high-quality birch is processed by CNC precision, and multiple reinforcing ribs are set inside to significantly reduce the resonance of the box during high-power output and ensure acoustic stability. The surface polyurea spray paint process has both wear resistance and environmental adaptability, and is suitable for long-term fixed installation and complex working conditions .
- *The one-piece stamped metal mesh cover combined with high-sound-transmittance acoustic mesh cotton provides double protection to effectively block the intrusion of dust and liquids, while minimizing sound wave attenuation to ensure pure and lossless sound quality .
- *Equipped with two 6.5-inch ferrite mid-bass units and one 1.73-inch titanium film compression tweeter, it achieves accurate coverage of the full frequency band (80Hz-20kHz). The mid-bass unit uses a high-performance ferrite magnetic circuit to ensure dynamic response and low-frequency density; the titanium film tweeter has delicate high-frequency extension, excellent transient performance, and a transparent and balanced overall tone .
- *Through precise waveguide design and acoustic optimization, the sound wave energy of each frequency band is evenly diffused to eliminate interference between frequencies. The horizontal coverage angle is 100° (H) and the vertical coverage angle is 10° (V), ensuring that the sound pressure level and frequency response are highly consistent in a wide area, with excellent language clarity and music details .
- *The ultra- low frequency lower limit of 80Hz extends to the high frequency of 20kHz, covering the full-band sound requirements. The low frequency is solid and full, the mid-frequency human voice is accurately restored, and the high frequency is bright and not harsh. It is suitable for multiple scenarios such as music performances and conference sound reinforcement .
- *The dedicated hanging component supports 0°~10° vertical angle adjustment, which is suitable for flexible stacking or hanging of line array systems, simplifies the on-site installation process, and improves the efficiency of project deployment .
- *High-reliability professional plugs and sockets are used to ensure stable signal transmission and strong anti-interference ability, suitable for long-distance cable layout and complex electromagnetic environment.
- *Professional aviation sockets and plugs with good electrical properties.



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Specification

Type	Linear Array Full Range Speaker
Rated power	300W
Peak power	1200W
Nominal impedance	8Ω
Frequency range (-10dB)	80HZ-20KHZ
Sensitivity (±3dB)	101dB (1m/1W)
Maximum sound pressure level (rated/peak)	126dB/132dB
Woofer	6.5" bass × 2
Tweeter	1.73 " tweeter × 1
Coverage angle (-6dB)	100° (H) 10° (V)
Net weight	15.5K g
Product size W×D× (H1 , H2)	620 × 290 × (150 , 230) mm