



FA-3X10T

Dual 10 inch three-way eight-driver line array Speaker

FA-3X10T is dual 10-inch three-way professional line-array speaker audio equipment, which are widely used in various large-scale sound reinforcement occasions.

Driver Configuration: FA-3X10T equipped with two 10-inch woofer units, which are responsible for low-frequency reproduction, capable of providing strong bass and impact. There are also four 4.5-inch mid-frequency drivers are used to reproduce the mid-frequency range, making the sound more full and clear, and the two 44mm high-frequency neodymium drivers are responsible for the high-frequency part, presenting delicate and bright treble.

Sound Characteristics: FA-3X10T three-way design can effectively divide the audio signal into low, mid, and high frequencies, reducing mutual interference between frequency bands and improving sound quality. It has a wide frequency response range, generally covering from 70Hz to 18Khz, which can restore various details of the sound, providing rich and balanced sound effects, with strong low-frequency, full mid-frequency, and bright high-frequency.

Technical Parameters: FA-3X10T has extremely high power, and the power of the woofer part can reach 800W, and the total power of the whole speaker reach 1280W. The sensitivity is 110dB, and the maximum sound pressure level can reach about 120dB, which can meet the sound reinforcement needs of large - scale venues. The horizontal coverage angle is 110°, and the vertical coverage angle is 10°. FA-3X10TP can also adjust the splay angle between cabinets (usually 0° to 10°) to achieve more accurate sound distribution.

Cabinet Design: The cabinet of FA-2X10T is made of high - quality plywood, with a surface coated with polyurea paint, which is wear - resistant, waterproof, and can reduce distortion and unwanted vibrations. The structure is compact and lightweight, which is convenient for installation, disassembly, and transportation. FA-2X10TP is also equipped with a special hanging rack, which can be hung in a group, and the installation is very convenient.

Application Scenarios: FA-3X10T is suitable for various large - scale occasions, such as theaters, concert halls, stadiums, multifunctional halls, large - scale outdoor performances, and religious places. It can provide uniform sound coverage and high - quality sound effects in these large - space environments, ensuring that the sound can be clearly transmitted to every corner of the venue.



Product Applications

- Main amplification of large-scale sound reinforcement systems
- Mobile performances
- Gymnasiums
- Theaters / auditoriums / halls

Product Features

- The FA-3X10T adopts two 44mm titanium diaphragm neodymium magnet compression drivers, which have good transient response and low distortion, and are not easy to cause auditory fatigue.
- Four 4.5-inch neodymium magnet mid-range units are adopted, combined with a ported structure, which effectively solves the problem of mid-range heat dissipation, improves the mid-range damping coefficient, and makes the mid-range sound more natural and clear.
- The 10-inch neodymium magnet carbon fiber woofer is specially redeveloped for this product, with lower distortion. It has good transient response, excellent listening experience, clean sound with elasticity and full strength, which is very suitable for linear array speakers to reproduce low-frequency frequencies.
- The physical positions of the tweeter and mid-range drivers have been readjusted, which greatly reduces the overall system delay, makes the phase more perfect, and the listening experience more natural.
- The horizontal directivity is 100°, and the vertical directivity is variable from 10° to 90°, depending on the length and configuration of the array.

Product Specification

Acoustic parameters	
Frequency Response	70Hz - 18kHz (-10dB)
SPL 1W/1mt	HF: 110dB / MID: 95dB / LF: 98dB
Nominal Impedance (Ω)	HF: 8Ω / MID: 8Ω / LF: 8Ω
Rated Power (W)	HF: 160W / MID: 320W / LF: 800W
Woofer Unit	Neodymium magnet, 2×10" carbon fiber woofer with 75mm voice coil
Mid-range unit	Neodymium magnet, 4×4.5" mid-range unit with 25mm voice coil
Tweeter Unit	Neodymium magnet, 2×1" titanium diaphragm tweeter with 44mm voice coil
Nominal Coverage Angle (H×V)	100°×10°
Maximum Sound Pressure Level (SPL)	LF: 127dB / MF: 120dB / HF: 131dB
Hanging Hardware	Three-point hanging, adjustable from 0° to 10°
Connectors	2 professional NL4MP 4-pin sockets (LF: 1+ 1- / MF-HF: 2+ 2-)
Dimensions (W×D×H)	866×416×286 (mm)
Net Weight (kg)	28.3kg

