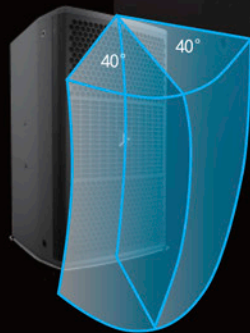


SA-10

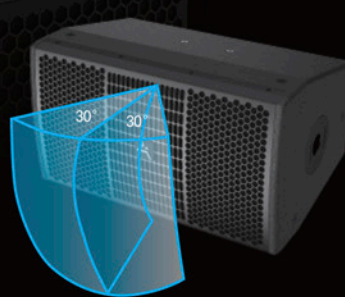
SA SERIES



HORIZONTAL
COVERAGE



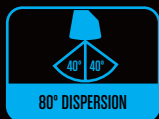
VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



80° DISPERSION



REAR PORTED



FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + 350 W (AES) power handling.
- + 120 dB continuous SPL output.
- + Equipped with custom Fane drivers.
- + Elliptic 80° x 60°, low resonance glass fibre horn.
- + Void-free birch plywood enclosure construction.
- + Twin Neutrik Speakon NL4 connectors.

APPLICATIONS

- + KTV applications.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.
- + Leisure and retail outlets.
- + Auditoriums, offices and conferences.



SA-10

10-INCH, TWO-WAY, PASSIVE KTV LOUDSPEAKER SYSTEM

The SA-10 stands as a testament to FANE's dedication to delivering high-quality sound solutions for premium KTV venues, upscale clubs, and vibrant nightclubs. This professional-grade, high-power full-range speaker is thoughtfully crafted to elevate audio experiences to new heights.

At its core, the SA-10 features a meticulously engineered 10-inch low-frequency driver with a bespoke 2.5-inch (63.5mm) voice coil from FANE. This pairs harmoniously with a 1.75-inch compression driver that boasts a composite polymer diaphragm, ensuring crisp and precise high-frequency performance. This dynamic duo harmonizes to deliver a seamless frequency response, encompassing a remarkable 55Hz to 20kHz range (-10dB), all while maintaining phase coherence. The high frequencies benefit from a distinctive large horn sporting an unwavering 80° (H) × 60° (V) constant directivity, ensuring consistent sound dispersion.

To cater to diverse installation needs, the SA-10 incorporates practical M10 mounting points on its top and sides. Its versatile pole mount further adds to its adaptability. With a remarkable sensitivity of 95dB and an AES power rating of 350W, the SA-10 employs an innovative rear-ported enclosure design. This design choice significantly minimizes group delay in the low-frequency range, elevating the perception of low-frequency speed and minimizing nonlinear distortion. The result is a captivating and agile low-frequency impact that flourishes effortlessly in any acoustic setting.

The SA-10 truly excels in producing rich and inviting mid-low frequencies, which are beautifully complemented by the clarity and vibrancy of its mid-high frequencies. This makes it the perfect choice for luxurious KTV venues, versatile multipurpose halls, lively dance venues, and the sophisticated ambiance of upscale private KTV rooms. While it shines as a standalone sound reinforcement speaker, its sonic prowess can be further magnified when paired with FPA series subwoofers for an elevated sonic experience.



Power Handling Program Peak	350 W (AES) 700 W 1400 W
Nominal Impedance	8 Ω
Average Sensitivity	95 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	120 dB (continuous) 123 dB (program) 126 dB (peak)
Frequency Response (-6dB)	50 Hz - 18 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 60° (V)
Recommended Amplifier	≤ 800 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	50 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2.2 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (254 mm) diameter, 2.5" high temperature voice coil on glass fibre former
High Frequency Driver	1" (25 mm) exit, 1.75" (44 mm) voice coil, polymer diaphragm

Flying Hardware	13x M8 Internal mounting points 6x M10 Internal mounting points
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	523 x 300 x 346 mm
Shipping Carton Size (HxWxD)	573 x 350 x 396 mm
Weight	16 kg net 18 kg gross

