

ST-10

ST SERIES



FEATURES

- + 300 W (AES) power handling.
- + 122 dB continuous SPL output.
- + Equipped with premium Fane cast frame drivers.
- + Elliptic 80° x 50°, low resonance, rotatable glass fibre horn.
- + Void-free birch plywood cabinet, tongue and groove assembly.
- + Black matt, sand-based paint finish.
- + 8x M8 mounting points with internal metal brackets.
- + 35 mm pole mount adapter.

APPLICATIONS

- + Portable / install sound reinforcement.
- + Stage monitoring.
- + Main PA / side fill / delay fill / diffusion.
- + Bars and restaurants.
- + Clubs, live music venues and theatres.



ST-10

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

The ST-10 stands as a compact, multifunctional enclosure, offering full-range capabilities suitable for a wide array of professional audio applications. The heart of the cabinet is home to a Fane 10" drive unit, notable for its ultra-low distortion and cast aluminium frame (featuring a 2.5" voice coil). This driver is complemented by a 1" titanium diaphragm compression driver, coupled with an 80° x 50° rotatable horn characterized by low resonance. Together, they create a dynamic duo capable of delivering exceptional audio quality.

A fully optimized passive crossover network further elevates the audio output and quality of the ST-10, whether utilized independently or in tandem with supplementary subwoofer support.

Meticulous construction lies at the core of the enclosure, crafted from 15mm and 18mm void-free birch plywood. Employing a tongue and groove assembly, the cabinet's rear wedge design renders it suitable for both front-of-house and monitor applications. A circular pattern grille, constructed from protective steel and adorned with acoustic mesh backing, ensures the safeguarding of the interior components. The entire enclosure is enrobed in a matt black, sand-based paint finish, delivering maximal protection for the rigours of the road.

For added versatility, the ST-10 incorporates a 35mm 'top-hat' for pole or stand mounting, alongside 8 M8 mount points featuring internal metal brackets. This comprehensive design showcases the ST-10's adaptability, resilience, and commitment to delivering superior audio performance.



Power Handling	300 W (AES)
Program	600 W
Peak	1200 W
Nominal Impedance	8 Ω
Average Sensitivity	97 dB @ 1W/1m
Calculated Maximum SPL / 1m	122 dB (continuous)
Program	125 dB (program)
Peak	127 dB (peak)
Frequency Response (-6dB)	55 Hz - 18.5 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 50° (V)
Recommended Amplifier	≤ 600 W @ 8Ω
Recommended Low Cut Full Range:	45 Hz, 24 dB/ oct Butterworth
with Sub:	70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2.6 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (250 mm) diameter cast frame, 2.5" high temperature voice coil on glass fibre former
High Frequency Driver	Fane compression driver 8Ω impedance, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	8x M8 points with internal metal brackets
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm and 18 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	530 x 330 x 325 mm
Shipping Carton Size (HxWxD)	580 x 380 x 375 mm
Weight	17 kg net 19 kg gross

