

ST-15

ST SERIES



FEATURES

- + 500 W (AES) power handling.
- + 126 dB continuous SPL output.
- + Equipped with premium Fane cast frame neodymium driver.
- + Elliptic 80° x 50°, low resonance, rotatable glass fibre horn.
- + Void-free birch plywood cabinet, tongue and groove assembly.
- + Matt black, sand-based paint finish.
- + 12x 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.
- + Houses of worship.
- + Leisure and retail outlets.



ST-15

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

The ST-15 stands as a pinnacle of audio performance, offering an unmatched blend of versatility and long-term reliability. Crafted to fulfil a diverse range of professional sound reinforcement needs, it excels as a standalone full-range speaker, an integral component of a larger configured system, or a stage monitor, thanks to its thoughtful rear wedge design. At its core, the ST-15 incorporates a specially optimized Fane 15" neodymium LF driver with a 3" voice coil, working in harmony with a 1" compression driver and an 80° x 50° low-resonance horn. This harmonious integration is further complemented by a painstakingly developed and optimized passive crossover network. The result is an astonishing level of clarity and faithful audio reproduction even at high output levels, negating the need for extensive DSP correction.

Constructed meticulously, the cabinet boasts a composition of 15mm and 24mm void-free birch plywood, held together by precise tongue and groove assembly to ensure exceptional structural strength. Its exterior is safeguarded by a robust wrap-around black powder-coated steel circular pattern grille, fortified with an acoustic mesh backing to protect the internal components. The unit's exterior is expertly finished with a matt black, sand-based paint, bolstering its resilience to endure the rigours of touring life.

Thoughtful design extends to user convenience, with two flush side handles, rubber feet, a 35mm 'top-hat' pole mount adapter, and 12 M8 mount points incorporating internal metal brackets. These features exemplify the ST-15's adaptability for various applications. Additionally, ST Series subwoofers seamlessly integrate to extend the system's bass response as needed.



Power Handling Program Peak	500 W (AES) 1000 W 2000 W
Nominal Impedance	8 Ω
Average Sensitivity	99 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	126 dB (continuous) 129 dB (program) 130 dB (peak)
Frequency Response (-6dB)	48 Hz - 19 kHz
Manufacturing Consistency	200 Hz to 10 kHz (±3 dB)
Nominal Directivity (-6dB)	80° (H) x 50° (V)
Recommended Amplifier	≤ 1200 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	40 Hz, 24 dB/ oct Butterworth 60 to 130 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 2 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 15" (380 mm) diameter cast frame / neodymium magnet, 3" high temperature voice coil on glass fibre former
High Frequency Driver	Fane High frequency driver, 1" (25 mm) exit, 1.75" (44 mm) voice coil, titanium diaphragm

Flying Hardware	12x M8 points with internal metal brackets
Pole Mount	35 mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 18 mm and 24 mm, exterior grade, void-free, birch plywood
Finish	Matt black, sand-based paint
Cabinet Size (HxWxD)	740 x 445 x 409 mm
Shipping Carton Size (HxWxD)	790 x 495 x 459 mm
Weight	28 kg net 31 kg gross

