

ST-15HP

ST SERIES



FEATURES

- + 800 W (AES) power handling.
- + 129 dB continuous SPL output.
- + Equipped with premium Fane cast frame neodymium driver.
- + Elliptic 70° x 50°, low resonance, rotatable glass fibre horn.
- + Void-free birch plywood cabinet, tongue and groove assembly.
- + Touring grade HardTex coating with black matt finish.
- + 3-point flying track system.
- + 12x M8 mounting points with internal metal brackets.
- + 35 mm pole mount adapter.

APPLICATIONS

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



ST-15HP

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

The ST-15HP is physically identical to the ST-15, however with the addition of a 3-point flying track system. Upgrades have also been made to the internal components to provide increased definition, high SPL and attack. Featuring a high-power, ultra-low distortion, Fane neodymium 15" (4" voice coil) LF driver combined with a 1.4" compression driver, with titanium diaphragm, coupled to a 70° x 50° low resonance horn which combined delivers a high impact punchy sound character. The ST-15HP defines the superior sound quality, versatility and reliability of Fane Pro Audio systems.

Designed to meet a wide array of professional sound reinforcement requirements as a stand alone full-range speaker, part of a larger configured system or in stage monitoring applications thanks to the rear wedge design. The ST-15HP is equipped an extensively developed and optimised passive crossover network. This results in amazing clarity and faithful audio reproduction at high output levels, hour after hour, without the need for heavy DSP correction.

The cabinet is constructed from 15 mm and 24 mm, void-free birch plywood with tongue and groove assembly ensuring exceptional strength. A wrap around black powder coated steel circular pattern grille fitted with an acoustic mesh backing offers protection to the internal components and the unit is finished in a touring grade HardTex matt black paint. Two flush side handles, rubber feet, 35 mm 'top-hat' pole mount adapter and 12 M8 mount points with internal metal brackets are provided for versatility in use. ST Series subwoofers can be used to extend system bass response where required.



Power Handling Program Peak	800 W (AES) 1600 W 3200 W
Nominal Impedance	8 Ω
Average Sensitivity	100 dB @ 1W/1m
Calculated Maximum SPL / 1m Program Peak	129 dB continuous 132 dB 135 dB
Frequency Response (-6dB)	48 - 17000 Hz
Manufacturing Consistency	± 3 dB from 100 to 18,000 Hz
Nominal Directivity (-6dB)	70° x 50°
Recommended Amplifier	≤ 1200 W @ 8Ω
Recommended Low Cut Full Range: with Sub:	40 Hz, 18 dB/ oct Butterworth 60 to 130 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 1.4 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 15" (380 mm) diameter cast frame / neodymium magnet, 4" high temperature voice coil on glass fibre former
High Frequency Driver	Fane CD-314 compression driver, 1.4" (35.5 mm) exit, 3.2" (81.2 mm) voice coil, titanium diaphragm

Flying Hardware	12x M8 points with internal metal brackets
Pole Mount	35 mm Aluminium pot
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	Proprietary HardTex, sand based paint with matt black topcoat finish
Cabinet Size (HxWxD)	735 x 445 x 409 mm
Shipping Carton Size (HxWxD)	785 x 495 x 459 mm
Weight	30.5 kg net 33.5 kg gross

