FYNE AUDIO

F500 SP SERIES

HAND CRAFTED IN THE UNITED KINGDOM

A VERY **SPECIAL** PRODUCTION

Hi-fi Choice RECOMMENDED

F502SP - March 2021

WHAT HI-FI? ★★★★★

F501SP - October 2020

DESIGNED, ENGINEERED AND MANUFACTURED IN THE UNITED KINGDOM

Special Production brings Fyne Audio's flagship engineering and high-end acoustic design principles to the compact and more accessible F500 Series loudspeakers. This ultimate expression of trickle-down technology delivers unrivalled performance and outstanding value across three stunning loudspeakers, designed and built in the UK.

The concept distils some of the very best components and engineering from across Fyne Audio's high-end series into more affordable loudspeaker designs that set new benchmarks for performance at their price. Designed and tuned by Technical Director Dr Paul Mills, and hand built at Fyne's UK factory, the F500 SP Series bring much of the driver, crossover and bass tuning expertise from the F700 and F1 Series into the more compact and simpler F500 Series cabinet design.

Using IsoFlare™ drivers derived from the F700 Series, the Special Production models benefit from a premium magnesium dome HF diaphragm that delivers a better controlled and sweeter sounding top end response. The driver incorporates Fyne's Flux Focussing System on the motor that creates high flux density in the voice coils for tighter bass and higher LF sensitivity. The multi-fibre cone and FyneFlute™ surround are manufactured from the same materials as the F700 Series Isoflare drivers.

The SP models also incorporate Fyne's Basstrax LF diffuser system with its Tractrix profile diffuser cone engineered into an aluminium sandwich plinth. This best integrates LF energy into the room making the speakers more tuneful and less critical of in-room positioning. Other trickle-down enhancements over standard F500 models includes premium hand built crossover architecture and components, high-end silver plated Van Den Hul Cryo-Lite treated wiring and chassis earthing via a five terminal connection panel.

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Special Production also brings enhancements to the cabinet construction, with each loudspeaker crafted from European sourced higher density cabinet boards and the interior integrating three complementary damping materials. Combined with the BassTrax porting system, SP models offer unrivalled smoothness in bass reproduction and vanishingly low distortion.

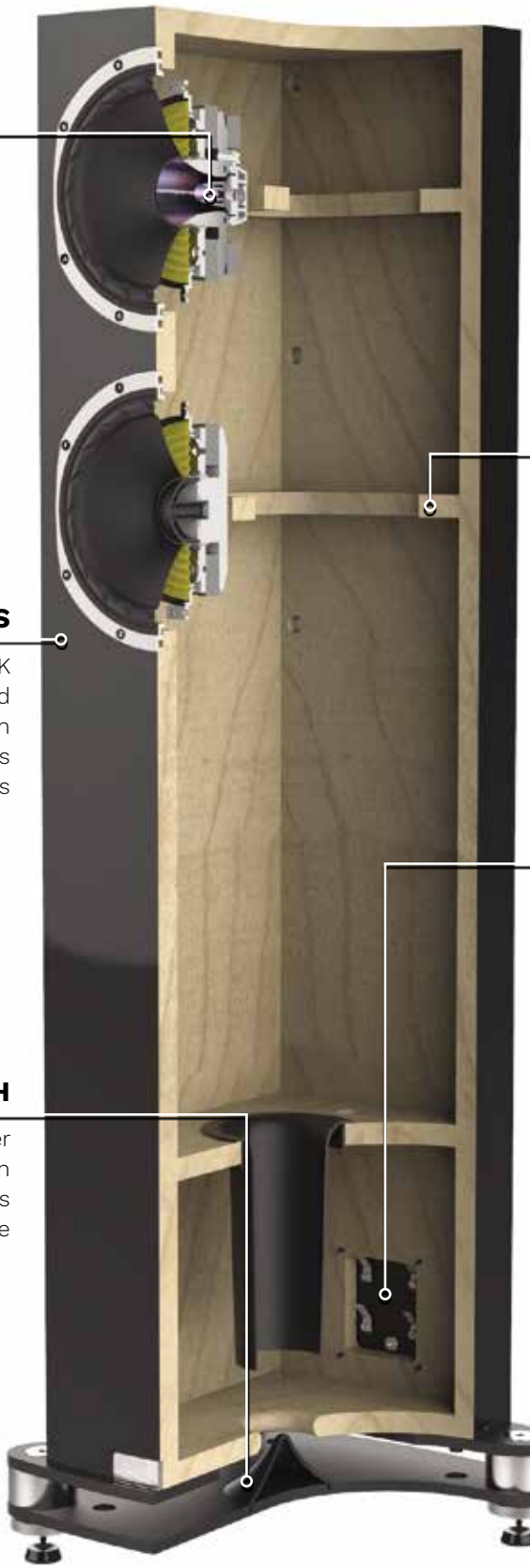
This comprehensive range of upgrades and enhancements to the original F500 Series designs deliver sonic improvements across the frequency range and with a broad spectrum of musical material. From unearthing subtle details and instrumental nuances in chamber music to the crushing bass power of rock anthems, Fyne's SP models are truly special.

With a choice of luxury finishes, including Piano Gloss Walnut veneer, Special Production models are hand built and pair matched in Fyne's UK factory. Each pair is supplied with luxury accessories including machined spikes, knurled lock nuts. aluminium floor cups, and Fyne's signature solid aluminium levelling tool.

The result is a true audiophile loudspeaker design, with tighter bass, more fluid high frequency reproduction and the pinpoint imaging of a true point source loudspeaker design.

F501SP and F502SP models retain the standard F501 & F502 models convenient magnetic rear grille storage feature for use during playback.

FYNE AUDIO IS BUILDING SOMETHING **SPECIAL**



UPGRADED DRIVER

F700 derived IsoFlare drivers
Magnesium HF domes
Flux Focusing Magnet System
Chassis earthing system
8 Bolt chassis fixing

ENHANCED CABINET DESIGN

Higher rigidity structure
European high density board
Advanced Foam cabinet lining
Bonded Acoustic Fibre damping
Viscous driver chassis coupling

IMPROVED FINISHES

Hand finished in the UK
Expertly pair matched
Piano Gloss Walnut veneer option
Diamond machine cut chassis
Machined aluminium spikes

REFINED TERMINATION PANEL AND CROSSOVER

5 Post gold plated terminals with earthing
Hand built crossovers
Laminated inductors
ClarityCap capacitors (HF)
Silver plated OFC Van den Hul wiring
Cryo-Lite treated

REVISED PLINTH

BassTrax LF diffuser
Twin layer aluminium plinth
Machined aluminium spacers
Enhanced tractrix cone

HF-
HF+
LF-
LF+

EXPERIENCE **FYNE** DETAIL

	F500SP	F501SP	F502SP
System Type	2 way, downwards firing port, with BassTrax™ Tractrix diffuser*	2 ½ way, downwards firing port, with BassTrax™ Tractrix diffuser*, twin cavity loading system	2 ½ way, downwards firing port, with BassTrax™ Tractrix diffuser*, twin cavity loading system
Recommended amplifier power (Watt RMS)	30- 120	30 -180	30 - 200
Continuous power handling (Watt RMS)	60	80	100
Peak power handling (Watt)	240	360	400
Sensitivity (2.83 Volt @ 1m)	90dB	91dB	92dB
Nominal impedance	8 Ohm	8 Ohm	8 Ohm
Frequency response (-6dB typical in room)	42Hz- 34kHz	36Hz - 34kHz	30Hz - 34kHz
Drive unit complement	1 x 150mm IsoFlare™ point source driver	1 x 150mm IsoFlare™ point source driver	1 x 200mm IsoFlare™ point source
driver	Multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm magnesium dome compression tweeter, neodymium magnet system	Multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm magnesium dome compression tweeter, neodymium magnet system	Multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm magnesium dome compression tweeter, neodymium magnet system
		1 x 150mm Multi-fibre bass cone FyneFlute™ surround	1 x 200mm Multi-fibre bass cone, FyneFlute™ surround
Crossover frequency	1.7kHz	250Hz & 1.7kHz	250Hz & 1.7kHz
Crossover type	Bi-wired passive low loss, 2nd order low pass, 1st order high pass. Cryo-Lite treated.	Bi-wired passive low loss, 2nd order low pass, 1st order high pass Cryo-Lite treated.	Bi-wired passive low loss, 2nd order low pass, 1st order high pass Cryo-Lite treated.
Cabinet construction	Pressed high density MDF with extensive internal bracing	Pressed high density MDF with extensive internal bracing	Pressed high density MDF with extensive internal bracing
Dimensions - HxWxD	323 x 200 x 320mm (12.7 x 7.9 x 12.6")	984 x 288 x 320mm (38.7 x 11.3 x 12.6")	1110 x 338 x 380mm (43.7 x 13.3 x 15.0")
Finishes	Piano Gloss Walnut / Piano Gloss Black / Piano Gloss White		

* Patent applied for
This information was correct at the time of print, for our most recent products and information visit **www.fyneaudio.com**

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