

F701SP, F702SP, F703SP, F704SP

FYNE ADVICE

ESSENTIAL INFORMATION GUIDE



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1 INTRODUCTION

Thank you for choosing Fyne Audio loudspeakers, proudly designed by our experienced engineers and manufactured to exacting standards by our craftsmen in Scotland. We believe they will give you many years of listening pleasure. The F701SP, F702SP, F703SP & F704SP incorporate 'trickle down' enhancements from the F1 Series, to give a significant performance improvement from the original and widely acclaimed models they are based on.

The F703SP & F704SP IsoFlare drive units are from the F1-10 and F1-12 respectively, with massive Neodymium HF magnet systems and 3" titanium domes. The conductive nature of the magnet minimises distortion by damping voice coil inductance losses, resulting in lower distortion and more even frequency response, giving improved high frequency performance.

The F701SP and F702SP use the F1-8 driver, having an improved HF waveguide, to give a smoother frequency response from the 1" magnesium dome ferrite magnet system.

Enhancements to all models, for increased transparency and detail include redesigned crossover circuit topologies, optimised by computer modelling and extended listening sessions. HF capacitors are Claritycap high grade low resonance polypropylene types. Neotech PC-OCC internal wiring is used for increased transparent signal transfer. Terminals are upgraded to high quality gold plated WBT Nextgen types.

Cryogenic treatment of the complete crossover relaxes stresses in materials, solder joints and cables to maximise signal transparency. This takes place in our own in house facility, so we can carefully control our own proprietary process.

For the F702SP, F703SP & F704SP floor standing models, heavy weight F1 grade machined aluminium platforms, provide exceptional stability for precise low frequency performance and resolution of fine detail. Heavy duty M12 threaded support cones, adjustable from above enable precise levelling, for optimal floor coupling and stability.

2 SAFETY

- For safety reasons, and to ensure you achieve the best performance possible, please fully read this document before installing these loudspeakers.
- To prevent injury or damage when unpacking the loudspeakers, please do not use the protective bag to lift them in case it tears. If possible retain packaging for future use.
- The spikes are very sharp - take care to avoid personal injury.
- Ensure your amplifier is switched off before making connections, to avoid damage.
- For the F701SP, ensure any loudspeaker stand used is stable and capable of supporting the weight of the loudspeaker. We would recommend our own FS8 stands.

3 ACCESSORIES

Your accessories box includes:

F702SP, F703SP, F704SP:

- Floor coupling spike M12 (x8)
- Spike locking wheel (x8)
- Floor protection cups (x8)
- Spike adjustment tool (x1)
- Bi-wire links (x4)

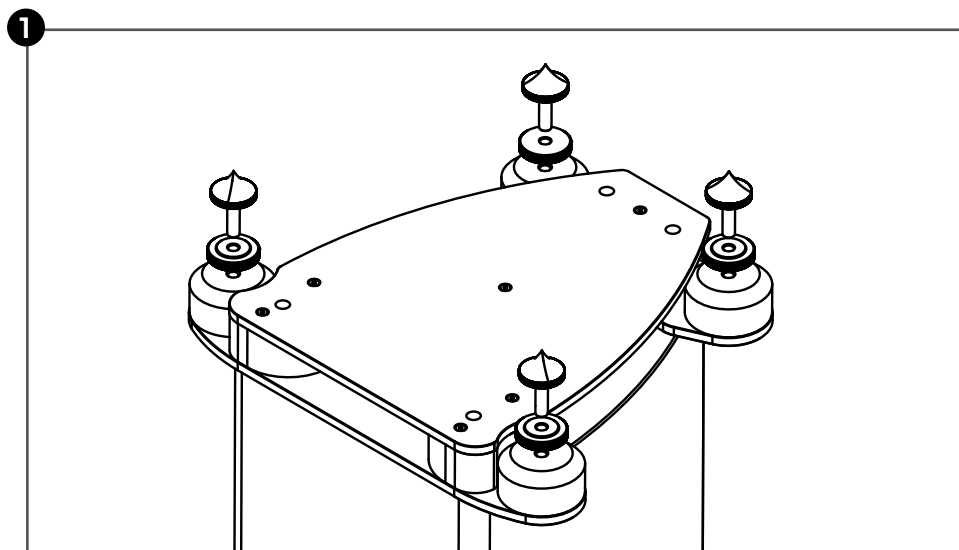
F701SP

- 8 x self adhesive feet, Bi-wire links (x4), included in the instruction manual bag

4 SPIKE FITTING

For the F702SP, F703SP & F704SP floor standing models, thread the 4 carpet spikes and adjustment thumb wheels to the inserts in the plinths of each loudspeaker. They can be adjusted from above once the loudspeaker is in place using the HEX tool provided, to ensure it is stable and level (Fig. 1).

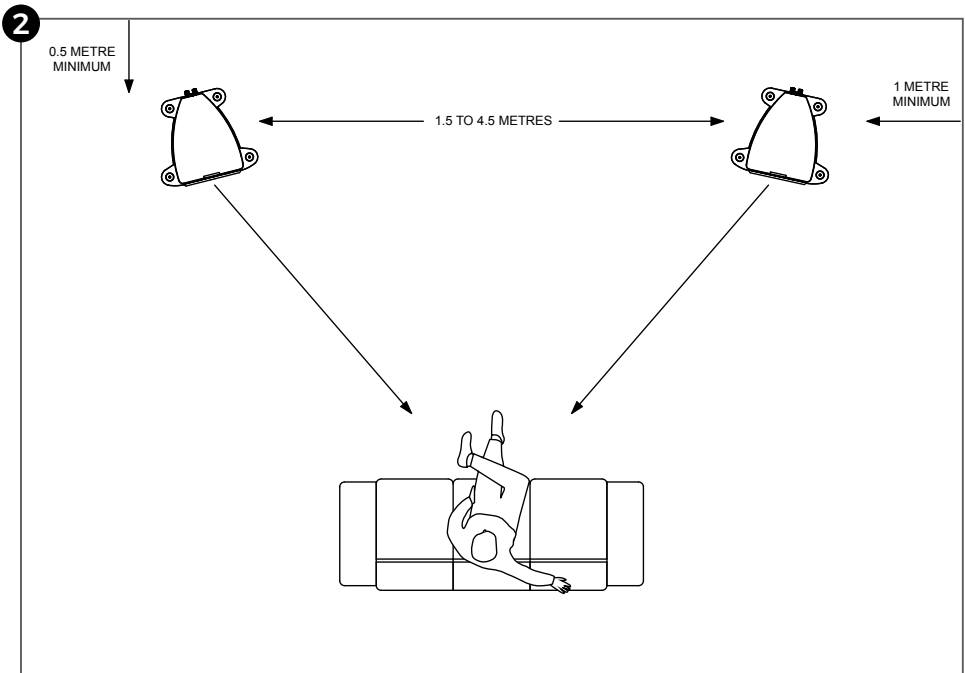
On wooden or other delicate floors, use the cups provided to prevent damage to the surface.



5 POSITIONING

The loudspeakers should be positioned approximately 1.5 - 4.5m apart (5 - 15 feet), ideally no closer than 0.5m (20 inches) from the rear wall, and no closer than 1m (3 feet) from the side walls (Fig.2).

Some degree of experimentation will provide the best results, especially with toe in towards the listener, to give the best stereo imaging.



6 CONNECTING SPEAKER CABLES

Your dealer will be able to advise on the most suitable choice of cables for your budget and system, to obtain the best performance.

Bare wire connections may be made by unscrewing the terminal and making use of the hole in the threaded post. Alternatively, dedicated 4mm plugs may be purchased, or are already fitted to terminated cable sets.

Ensure connections are made positive

to positive and negative to negative between the speaker and the amplifier.

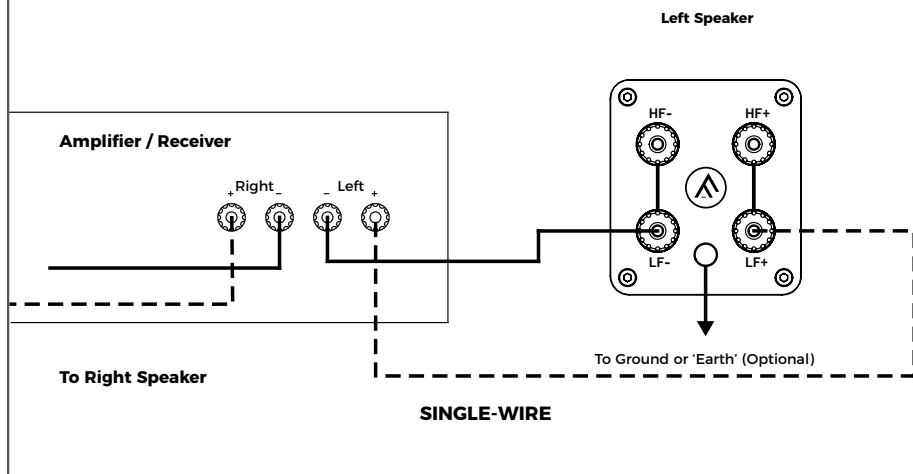
All models are provided with two sets of terminals one for the HF and one for the LF. When using a single cable wire as shown, connect the link wires provided (Fig. 3). For bi-wire operation omit the link wires, and wire with two sets of cable or a dedicated bi-wire cable (Fig. 4). This option will ensure the best possible sound quality.

7 EARTH CONNECTION

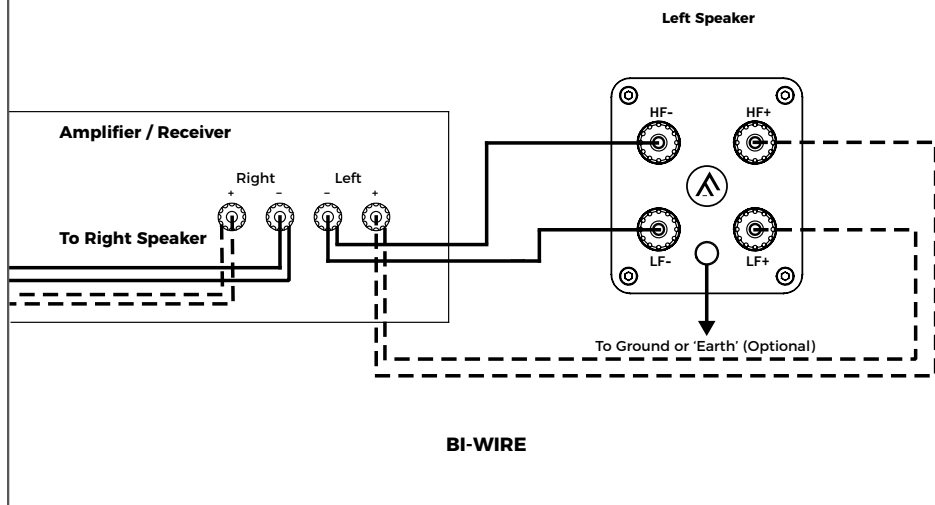
The loudspeaker is provided with an earth or ground connection, connected to the drive unit chassis. The purpose of this is to ground any radio frequency interference that may get back to

the amplifier, reducing fine detail and resolution. A separate earth wire may be used for this purpose, but best results will be obtained by using a dedicated screened loudspeaker cable.

3



4



8 GRILLES

Although the magnetically attached grilles are designed for maximum transparency, we always recommend removal for the best possible sound quality.

9 CABINET CARE

The cabinet may be cleaned with a microfiber cloth. Avoid exposure to extremes of heat, humidity and direct sunlight for extended periods of time.

On no account use solvents or abrasive materials, as this will cause damage and invalidate the warranty.

10 RUNNING IN

Like all loudspeakers, being electro-mechanical devices, the F700SP's require a degree of running in to reach optimum performance. We recommend simply listening to them at normal levels for around 100 hours to achieve this.

11 WARRANTY

For the latest product news and information, please visit www.fyneaudio.com.

All Fyne Audio products purchased from an authorised distributor or retailer are covered by a manufacturer's warranty, subject to presentation of a valid proof of purchase. This warranty is provided in addition to, and does not affect, your statutory rights as a consumer under applicable national or local laws.

Full warranty terms and conditions are available at www.fyneaudio.com/warranty. Alternatively, you may request a copy or obtain further assistance by contacting our Customer Service Department by telephone on +44 (0)141 428 4008 (charges may apply for calls made from outside the UK), by email at enquiries@fyneaudio.com, or by post at:

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12 SPECIFICATIONS

Model	F701SP
System type	2 way, downwards firing port, with BassTrax™ Tractrix diffuser
Recommended amplifier power (Watt RMS)	30 – 180
Continuous power handling (Watt RMS)	90
Peak power handling (Watt)	360
Sensitivity (2.83 Volt @ 1m)	90dB
Nominal impedance	8 Ohm
Frequency response (-6dB typical in room)	35Hz - 34kHz
Drive unit complement	1 x 200mm IsoFlare™ point source driver, multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm magnesium dome compression tweeter, ferrite magnet system
Crossover frequency	1.8kHz
Crossover type	Bi-wired passive low loss, 2nd order low pass, 1st order high pass. Cryogenically treated
Cabinet construction	Pressed high density birch ply with extensive internal bracing
Dimensions - H x W x D incl. terminals & grille	465x 278 x 390mm (18.3 x 10.9 x 15.5")
Weight	13.6kg (30.0lbs)

12 SPECIFICATIONS

Model	F702SP	F703SP
System type	2 way, downwards firing port, with BassTrax™ Tractrix diffuser Twin-cavity loading system	2 way, downwards firing port, with BassTrax™ Tractrix diffuser Twin-cavity loading system
Recommended amplifier power (Watt RMS)	30 - 200	30 - 250
Continuous power handling (Watt RMS)	100	125
Peak power handling (Watt)	400	500
Sensitivity (2.83 Volt @ 1m)	92dB	94dB
Nominal impedance	8 Ohm	8 Ohm
Frequency response (-6dB typical in room)	28Hz - 34kHz	24Hz - 26kHz
Drive unit complement	1 x 200mm IsoFlare™ point source driver, multi-fibre bass / midrange cone, FyneFlute™ surround with 25mm magnesium dome compression tweeter, ferrite magnet system 1 x 200mm multi-fibre bass FyneFlute™ surround	1 x 250mm IsoFlare™ point source driver, multi-fibre bass / midrange cone, FyneFlute™ surround with 75mm titanium dome compression tweeter, neodymium magnet system 1 x 250mm multi-fibre bass FyneFlute™ surround
Crossover frequency	250Hz & 1.8kHz	250Hz & 850Hz
Crossover type	Bi-wired passive low loss, 2nd order low pass, 1st order high pass. Cryogenically treated	Bi-wired passive low loss, 2nd order low pass, 1st order high pass. Cryogenically treated
Cabinet construction	Pressed high density birch ply with extensive internal bracing	Pressed high density birch ply with extensive internal bracing
Dimensions - H x W x D incl. terminals & grille	1126 x 439 x 443mm (44.3 x 17.3 x 17.4")	1195 x 505 x 468mm (47.0 x 19.9 x 18.4")
Weight	37.5kg (82.7lbs)	56.0kg (123.5lbs)

F704SP

2 ½ way, downwards
firing port, with BassTrax™
Tractrix diffuser
Twin-cavity loading system

30 - 300

150

600

96dB

8 Ohm

22Hz - 26kHz

1 x 300mm IsoFlare™
point source driver,
multi-fibre bass /
midrange cone,
FyneFlute™ surround
with 75mm titanium
dome compression
tweeter, neodymium
magnet system

1 x 300mm multi-fibre bass
FyneFlute™ surround

250Hz & 850Hz

Bi-wired passive low loss,
2nd order low pass,
1st order high pass.
Cryogenically treated

Pressed high density birch
ply with extensive
internal bracing

1353 x 579 x 568
(53.3 x 22.8 x 22.4")

71.5kg (157.6lbs)

ENJOY.

Thank you for choosing Fyne Audio loudspeakers, proudly designed by our experienced team of engineers in Scotland, and constructed to the highest standards.

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

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