

VINTAGE FIVE

FYNE ADVICE

ESSENTIAL INFORMATION GUIDE



FYNE
AUDIO

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1 INTRODUCTION

Thank you for choosing Fyne Audio loudspeakers, proudly designed by our experienced team of engineers, and constructed to the highest standards by artisans in our own facility in Scotland. We believe they will give you many years of listening pleasure.

- Before installing these loudspeakers please read this manual in full, both for safety reasons and to ensure you achieve the best performance possible.
- To prevent injury or damage when unpacking the loudspeakers, please do not use the protective bag to lift them in case it tears.
- Please retain packing for possible future use.
- These speakers must always be connected to a suitable amplifier and never to a mains supply.

Supplied accessories:

- Self adhesive feet (x8)
- Tin wood wax (x1)

2 TECHNOLOGY

Our experienced team of acoustic and product design engineers have been in the loudspeaker industry for very many years. Since coming together to form Fyne Audio, they have been augmenting their existing skills and developing new technologies to ensure that we can offer best in class performance through technical innovation and advanced manufacturing techniques.

ISOFLARE™ POINT SOURCE DRIVER

Fyne Audio's IsoFlare™ driver is a point source system whereby the bass / midrange driver shares a common centre with the high frequency unit. Providing outstanding stereo imaging even off axis, energy is radiated isotropically with constant directivity following the flare of the driver cone. Sound is produced emanating from a single point.

To fully optimise the driver performance, every aspect of this meticulous design has been considered. Eliminating unwanted vibrations which would be detrimental to the sound quality, our IsoFlare™ point source drivers are built around a custom tooled rigid cast aluminium chassis.

A vented rear chamber in the carefully optimised HF magnet assembly places low frequency resonance well below the crossover region. Pushing the break up mode well above the level of human hearing, the highly rigid magnesium high frequency diaphragm delivers a smooth and extended response.

The HF diaphragm provides a natural and unstressed performance, terminated by a polyester surround to optimally terminate energy. The HF unit annular waveguide has a computer optimised expansion rate and geometry to provide flat frequency response and avoid internal reflections.

On the low frequency section, FyneFlute™ surround technology more effectively terminates cone energy, by providing a non-homogeneous interface, eliminating harmful resonances. The geometry is optimised by advanced computer Finite Element Analysis. A multi-fibre paper cone gives natural sounding midrange and clean transient behaviour, while the high power LF motor system uses a ferrite magnet.

CROSSOVER

Although simple in topology, the design is computer optimised, fine tuned subjectively by critical auditioning.

The crossover makes use of high quality precision components, including low loss LF laminated iron core inductors and Claritycap® high grade polypropylene capacitors. High quality gold plated WBT Nextgen™ terminals are used, together with Van den Hul® Matched Crystal OFC copper internal wiring, with high purity silver coating, for transparent signal transfer. The components are hard wired on fibre board panels to minimise vibration.

Cryogenic treatment of the complete crossover relaxes stresses in materials and solder joints to maximise signal transparency. A grounding terminal is fitted to minimise the effect of radio frequency interference masking fine detail.

BASSTRAX™ TRACTRIX DIFFUSER SYSTEM

The Vintage Five employs a downwards firing port arrangement. Below the vent in the base of the loudspeaker, the BassTrax™ Tractrix profile diffuser is used to convert the plain wave energy to an expanding spherical 360-degree wavefront, dispersing energy uniformly into the room.

This Tractrix profile has been previously applied to horn loudspeakers by Voight in the 1920's, but the application to a diffuser of this type is novel and subject of a patent.

The BassTrax™ Tractrix profile is known to maintain a 90 degree angle at each intersection of the expanding wavefront, thus avoiding reflections. This clever arrangement

also makes the loudspeaker less critical of room positioning.

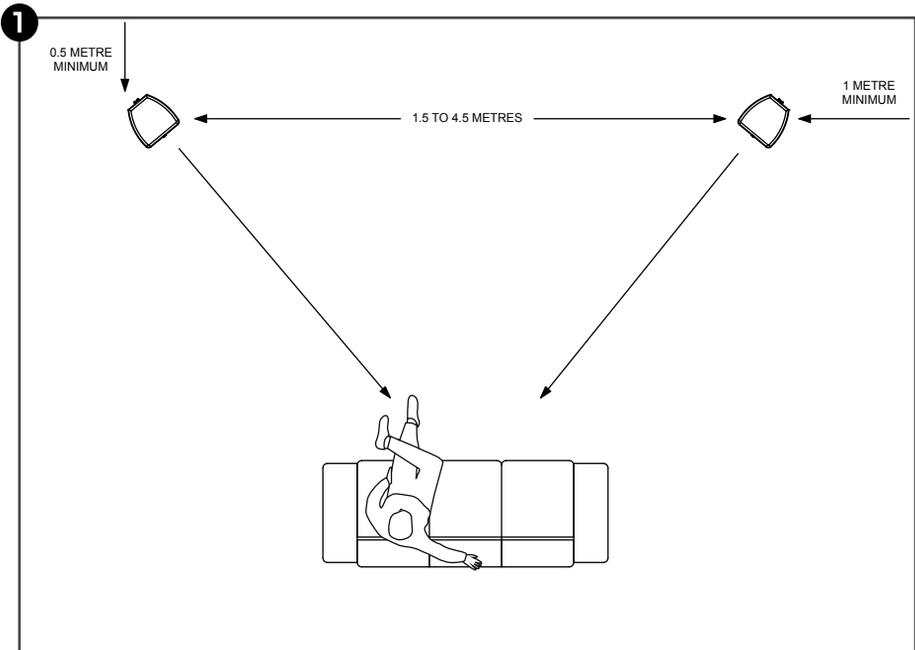
ENCLOSURE

The high density birch ply construction is pressed to ensure an extremely rigid structure to ensure low colouration. Oiled walnut and solid walnut trim provide a timeless and elegant finish.

3 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 1).

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



4 STAND MOUNTING

For optimum performance, we strongly recommend the use of Fyne Audio's dedicated loudspeaker stands. Instructions are included with the stand and should be followed carefully, both for reasons of safety and to ensure you achieve the best sound possible.

Either the FS8 or FS6 stand may be used according to preference, ensuring Vintage Five optional top plates are ordered for mounting the loudspeaker to the stand.

If you decide however to make use of a third party stand design, it should be rigid and well damped. The centre of the drive unit should be approximately at ear height when seated. Bookshelf placement may be preferred, although there will be a degree of compromise in terms of stereo imaging and bass performance.

To prevent both personal injury and damage to the loudspeaker, ensure the stand is stable and capable of supporting the weight of the loudspeaker.

NOTE: Should you choose to use your loudspeaker without a stand, protect the surface by attaching the 4 self adhesive feet provided.

5 AMPLIFIER CHOICE

The advisable range of amplifier powers is detailed in the Specification. Responsible use with higher powered amplifiers is possible, due to the robust design of these loudspeakers.

We do not advocate any specific amplifier technology, i.e. transistor versus valve (tube). As with any high resolution loudspeaker system, it is the quality of the amplification that is paramount in extracting maximum performance from your loudspeakers. Some customers may wish to use valve (tube) amplifiers such as single ended triodes, with output powers less than the minimum recommendation. This will not cause damage to the loudspeakers, but will restrict the maximum volume and dynamic range, especially in large rooms.

If you are considering the purchase of a new amplifier, your dealer will be able to give you recommendations that work well.

6 CABLE CHOICE

It is important to use cables of appropriate quality for such a high performance loudspeaker. While from a technical perspective, low electrical resistance is necessary to minimise losses and maximise amplifier damping, the physical construction of the cable including conductor type and purity, together with insulation characteristics have considerable influence on the sound quality. The optimum cable is both subjective and system dependent; your dealer will be able to give advice.

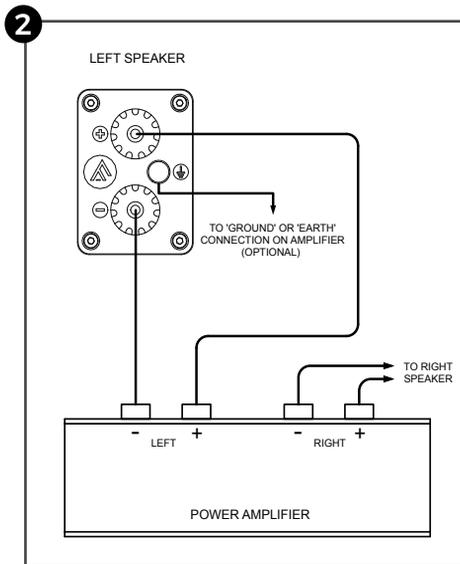
Cables should be terminated in high quality connectors, either 4mm banana or spade. We would recommend the use of WBT Nextgen™ connectors.

7 CONNECTING SPEAKER CABLES

Ensure the amplifier is switched off before connecting cables, to avoid damage.

Vintage Five

The Vintage Five is provided with a single set of speaker terminals. Ensure connections are made positive to positive and negative to negative between the loudspeaker and the amplifier (Fig 2).



8 EARTH CONNECTION

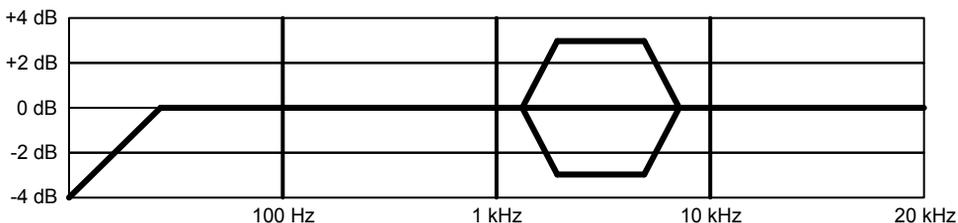
The loudspeaker is provided with an earth or ground connection, connected to the drive unit chassis. The purpose of this is to ground any radio frequency interference that may get back to the amplifier, reducing fine detail and resolution. A separate earth wire may be used for this purpose, but best results will be obtained by using a dedicated screened loudspeaker cable.

9 PRESENCE CONTROL

The Vintage Five is provided with an adjustment control on the front panel, to achieve optimal performance in terms of both the listening environment and listener preference.

This 'Presence' control only affects the lower treble region of 2.5- 5.0kHz, and influences articulation and vocal clarity and has an effect on image depth (Fig 3).

3 PRESENCE ADJUSTMENT



Start with the control in the central (level) position and make small adjustments with well recorded programme material that you are familiar with. Achieving the correct presentation is similar to focusing the lens on a camera, to achieve the most realistic sound.

10 CARE OF CABINET

The cabinet may be dusted with a lint free cloth, such as muslin. As wood is a natural material, avoid exposure to extremes of heat, humidity and direct sunlight for extended periods of time.

If unused for long periods of time, you may wish to cover the loudspeakers with the cloth bags they were packaged in, to provide protection.



CAUTION

- Wood wax contains ALPHA PINENE- may produce an allergic reaction
- Flammable- flash point 38 degrees Celsius
- Keep out of reach of children
- Use in a well ventilated area. Never eat, drink or smoke during use
- Vapours may cause drowsiness or dizziness. In the case of excessive inhalation, remove the person exposed to fresh air, keep warm and at rest
- In the event of eye contact, rinse with clean water for 15 minutes
- In the event of skin contact, wash thoroughly with soap and water
- If swallowed, seek medical advice immediately and show this information
- Do not empty into drains, but dispose of in accordance with local regulations. Dispose of used cloths carefully
- Keep the container tightly closed and store in a dry well ventilated place

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

The oiled walnut body of the cabinet should be treated sparingly with the wood wax provided, using a lint free cloth. This should be done several times a year or when the oiled finish shows signs of drying out, depending on temperature and humidity. Avoid contact with the front baffle and grille cloth.

11 WARRANTY

1. No maintenance of the loudspeaker is necessary.

2. Please register your Fyne Audio Limited product online at www.fyneaudio.com. All of our products have been produced and tested with care and precision to give first-class service.

3. All passive loudspeakers are guaranteed for a period of 7 years from the date of purchase from an authorised Fyne Audio Limited dealer. This warranty is subject to the absence or evidence of misuse, overload, or accidental damage, applies only to the original registered owner, it is non transferable, and covers only genuine Fyne Audio Limited products with the original undamaged serial number and proof of purchase.

4. All active and electronic components are guaranteed for a period of 2 years from the date of purchase from an authorised Fyne Audio Limited dealer subject to the absence of, or evidence of, misuse, overload or accidental damage.

5. If at any time during this warranty period the equipment proves to be defective for any reason other than accident, misuse, neglect, unauthorised modification, incorrect installation or connection, matched with improper equipment or fair wear and tear, we will repair any such manufacturing defect or, at our option, replace it without charge for labour, parts or return carriage.

6. If you suspect a problem with a Fyne Audio Limited product, in the first instance, discuss it with your Fyne Audio Limited dealer. If you require further assistance, then we ask that you deal directly with your local Fyne Audio Limited

distributor. If you cannot locate your distributor please contact Fyne Audio Limited Customer Services, via our website listed above or at the e-mail enquiries@fyneaudio.com

7. Do not ship any product to Fyne Audio Limited without previous authorisation.

8. LIABILITY

Other than the warranty and services set out in this warranty, to the fullest extent permitted by law, Fyne Audio Limited and its Authorised Distributors shall not be liable to you and/or any third party or entity whatsoever for:- any loss, damages and/or malfunction caused to any product(s) which is/are connected to any of the Fyne Audio Limited products any damages, loss and liability (except for any personal injuries or death), whether direct, indirect, incidental, consequential special, punitive or otherwise, howsoever caused by, arising out of, or otherwise in relation to the installation, delivery, use, service, repair, replacement and/or maintenance of the Fyne Audio Limited product; or any damages, loss and liability (except for any personal injuries or death) under this warranty in respect of any act, omission, or negligence of any of their technicians, employees, agents, representatives or independent contractors relating to the actual or purported performance of any of the obligations under this warranty.

9. Without limiting the above, the maximum liability of the Fyne Audio Limited and its Authorised Distributors under this warranty shall not in any event or under any circumstances exceed the actual purchase price paid for the Fyne Audio Limited product(s).

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

12 SPECIFICATIONS

	Vintage Five
System type	2 way, downwards firing port, with BassTrax™ Tractrix diffuser*
Recommended amplifier power (Watt RMS)	30 - 100
Peak power handling (Watt peak)	200
Continuous power handling (Watt RMS)	50
Sensitivity (2.83 Volt @ 1m)	87dB
Nominal impedance	8 Ohm
Frequency response (-6dB typical in room)	46Hz - 38kHz
Drive unit complement	1 x 125mm IsoFlare™ point source driver, multi-fibre bass / midrange cone, FyneFlute™ surround with 19mm magnesium dome compression tweeter, neodymium magnet system
Crossover frequency	1.9kHz
Crossover type	Single wired passive low loss, 2nd order low pass, 1st order high pass. Deep Cryogenically Treated
System adjustments	Presence (2.5kHz - 5.0kHz) +/- 3dB
Dimensions - HxWxD incl. terminals	350 x 219x 260mm (13.8 x 8.6 x 10.2")
Cabinet construction	Pressed high density birch ply
Weight	6.2kg (13.7lbs)

* Patented

This information was correct at the time of print, for our most recent products and information

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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