

Vector

Owners Manual





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Important Safety Instructions

1. **Please read these instructions.**
2. **Please keep these instructions.**
3. **Heed all warnings.**
4. **Follow all instructions.**
5. **Do not use this apparatus with water.**
6. **Clean only with a dry cloth.** Great care and attention has gone into the materials chosen to produce the Vector Series. A gentle wipe with a dry, clean cloth is all that is required to remove any dust. Treat them as you would a fine piece of furniture because that is how they have been designed.
7. **Do not install near any heat source**, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. **Only use attachments/ accessories specified by Monitor Audio.**
9. **Use only with the cart**, stand, tripod, bracket, or table specified by Monitor Audio or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.



10. **Refer all servicing to qualified service personnel.** Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen onto the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
11. **This apparatus shall not be exposed to dripping or splashing water** and that no object filled with liquids such as vases shall be placed on the apparatus.
12. **This exclamation point within an equilateral triangle** is intended to alert the user to the presence of important maintenance (servicing) instructions in the literature accompanying the appliance.



Safety Instructions For Fixing Your Vector Loudspeakers to a Wall



WARNING: For safety reasons do not attempt to fix these speakers to your wall if you are unsure of your ability to provide a secure and safe fixing. You will need to determine where to fit the bracket and the structure of the wall. If unsure, please obtain the services of a competent qualified trades-person.



WARNING: Ensure that there are no water pipes, or electricity cables running behind where the wall bracket is going to be secured. Work from secure steps and avoid trailing wires.

Monitor Audio do not supply bespoke brackets or fixings for the Vector Series. However, we can supply brackets that are sold separately. The threaded insert on the back of the V10 and V20 is a 1/4" UNC thread. The screws must not exceed 18mm (3/4").

Re-cycling

Correct Disposal of Waste Electrical and Electronic Equipment (WEEE) by User in Private Households in the EU.

This symbol on the product or accessories indicates that they must not be disposed of with your household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. Instead it is your responsibility to dispose of your waste equipment by handing it over to a designated WEEE collection point for recycling. The separate collection and recycling of your waste equipment will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



For more specific information about where you can take your equipment for recycling please contact your local city/council office, your local waste disposal service or the outlet where you purchased your Vector product.

RoHS Declaration of Conformity

Directive 2002/95/EC of the European Parliament and of the Council on the reduction of the use of certain hazardous substances in electrical and electronic equipment, January 2003.



Background

The RoHS directive restricts the use of Lead (Pb), Cadmium (Cd), Mercury (Hg), hexavalent Chromium (CrVI), polybrominated biphenyl (PBB) compounds, and polybrominated diphenyl ether (PBDE) compounds in electrical and electronic equipment sold in the European Union.

Introduction to Vector

Vector is an exceptional range of compact lifestyle speakers inspired by a thirty year heritage of technical expertise. Occupying the step below our celebrated Radius^{HD} series in the Monitor Audio range, the three-model Vector line-up is destined to raise levels of sophistication and performance at the affordable end of the home speaker market. It comprises a wall-mounting compact satellite, the V10; a matching centre-channel satellite, the V20, and a compact 100W active subwoofer, the VW-8.

The V10 and V20 cabinets are of high density moulded polymer with a 'soft touch' rubberised black skin, which lends a wonderfully novel and tactile quality to the product. The front baffles are of MDF, which is coated in a high-gloss black lacquer to match the look of flat TVs, or is finished in an attractive natural wood grain.

Vector's shielded, Gold C-CAM[®] tweeters represent the latest refinement of Monitor Audio's advanced Ceramic-Coated Aluminium/Magnesium driver design, which has been employed successfully by generations of award-winning Monitor Audio speakers. The shielded MMP[®] II (Metal Matrix Polymer) bass-mid drivers use a high-pressure injection moulding process to achieve different thickness at critical points in the cone geometry. For further details on C-CAM and MMP[®] II, please go to our website.

Vector V10

Although the Vector V10 is designed primarily for use with the V20 and VW-8 in an ultra-compact multi-channel home cinema package, its unusually deep bass makes it ideal for stereo sound around the home. It delivers clear highs and punchy bass lines wherever it's installed. A woven wire mesh grille protects the drivers and provides a stylish contrast to smooth profile of its cabinet. A single point fixing is provided for bracket fixing and wall mount.

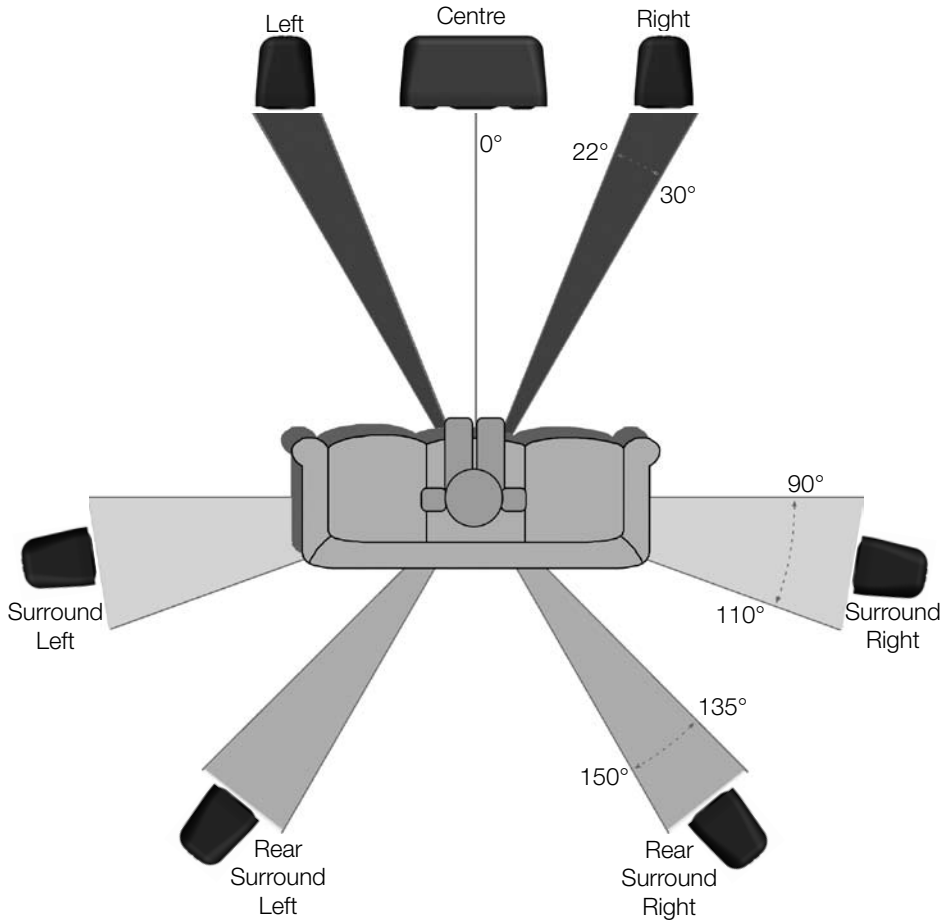
Vector V20

The compact V20 is a versatile speaker that can be used either horizontally for centre-channel home cinema duties or vertically as a left/right satellite in multi-channel or stereo applications around the home. The V20 shares the tonal characteristics of the V10, but has the extended bass response necessary for the accurate reproduction of movie dialogue. Front porting, recessed terminal panel allow for easy wall installation.

Vector VW-8

The new VW-8 is an ultra-compact but awesomely powerful subwoofer equipped with a potent integral 100 Watt class A-B amplifier. The VW-8's rigid cubed MDF cabinet houses a long throw, forward-firing 8" driver. Although designed to partner the Vector Series satellites, the VW-8 will integrate beautifully and easily with any compact, high performance home theatre system through variable volume and crossover controls and a phase switch. For extra convenience, the VW-8 is automatically turned on and off by the auto signal sensing feature. Stereo line and LFE inputs are provided.

Optimum Speaker Placement



Specifications

Model	Vector V10	Vector V20
Frequency Response	65Hz - 30KHz	60Hz - 30KHz
Sensitivity (1W @ 1m)	85dB	85dB
Nominal Impedance	8 Ohms	8 Ohms
Power Handling, Single (RMS)	50W	50W
Power Handling, System (RMS)	80W	80W
Recommended Amp Requirements	10 - 80W	10 - 80W
Maximum SPL	103 dBA	103dBA
Bass Alignment	Bass Reflex - Rear Ported	Bass Reflex - Front Ported
Drive Unit Complement	1 x 4" MMP II Cone, Mid - Bass Driver. 1 x 25mm C-CAM Gold Dome Tweeter	1 x 4" MMP II Cone, Mid - Bass Driver. 1 x 25mm C-CAM Gold Dome Tweeter
External Dimensions. mm (H x W x D)	235 x 145 x 170	145 x 355 x 170
External Dimensions. inches (H x W x D)	9 1/4 x 5 11/16 x 6 11/16	5 11/16 x 14 x 6 11/16
Weight (each) Kg (lb)	2.17 (4.77)	2.66 (5.85)

Guarantee and Service

To validate your warranty please visit www.monitoraudio.co.uk within 30 days of purchase.

When you register here you'll gain free entry to our monthly prize draw! What's more you'll be the first to hear about the great things happening at Monitor Audio, including new products and events!

This equipment has been fully tested prior to dispatch from the factory. Both the craftsmanship and the performance of this product is guaranteed against manufacturing defects for the period of **three years** from the date of purchase (see conditions below), provided that the product was supplied by an authorised Monitor Audio retailer under the consumer sale agreement. (The words 'consumer sale' shall be construed in accordance with section 15 of the supply of goods act 1973). Monitor Audio accepts no responsibility for defects arising from accident, misuse, abuse, wear and tear, modification or operation outside of that specified within this instruction manual. Neither will responsibility be accepted for damage or loss occurring during transit to or from the parties claiming under this guarantee.

This guarantee covers both labour and parts. The liability of Monitor Audio is limited to the cost of repair or replacement of the defective parts (at the discretion of Monitor Audio) and under no circumstances extends to consequential losses or damage.

Claims under this Guarantee

The equipment should be returned in its original packaging to the original supplier where possible, or to any other authorised Monitor Audio dealer. If it is not possible to return the equipment by hand, then it should be sent carriage prepaid via a reputable carrier. If the original packing is not available replacement packaging can be purchased from Monitor Audio.

If you have any difficulties complying with these requirements please contact us at the following address:

Customer Service	Tel: +44 (0) 1268 740580
Monitor Audio Ltd.	Fax: +44 (0) 1268 740589
Unit 2, 24 Brook Road	Internet: www.monitoraudio.co.uk
Rayleigh	Email: info@monitoraudio.co.uk
Essex	
SS6 7XJ	
England	

This guarantee does not affect the statutory rights of the consumer under UK law.

Data Protection

We at Monitor Audio are committed to respecting the wishes and privacy of our customers. Any information you provide will be held in the strictest confidence and only used within the Monitor Audio organisation for the provision of services such as warranty claims or spare parts.

We may wish to contact you in the future to ensure you are happy with the products and standards of service we provide and to keep you up-to-date with the latest products and promotions we have to offer.

Should you wish not to be contacted by us either by post, e-mail or phone, please tick the box on the warranty form on the web site. Alternatively you can request not to be contacted in future by writing to Customer Service, at the address above.

Owner Information

Product Details

Model

Product Serial No

Date of Purchase

Dealer Details

Dealer Name & Location

E-Mail Address/ Telephone Number

Monitor Audio reserves the right to alter specifications without notice.

EC Declaration of Conformity

We, Monitor Audio Ltd.
24 Brook Road
Rayleigh
Essex
SS6 7XJ
England



Declare in own responsibility, that the Vector products described in this manual is in compliance with Technical Standards/Council Directives:

(LVD) 2006/95/EC Low Voltage Directive

EN60065: 2002+A1: 2006 Safety requirements for mains operated electronic and related apparatus for household and similar use.

(EMC) 89/336/EEC Electro Magnetic Compatibility

EN55013: 08.90+A12:08.94+A13:12.96 Limits and methods of measurement of radio disturbance characteristics of broadcast receivers and associated equipment.

EN55020: 12.94+A11:12.96 Electro magnetic immunity of broadcast receivers and associated equipment.

EN61000-3-2: 04.95+A1:1998+A2:1998 Electro magnetic compatibility (EMC) – Part 3: Limits – Section 2: Limits for harmonic current emissions (equipment input current up to and including 16 Ampere per phase).

EN6100-3-3: 01.95 Electro magnetic compatibility (EMC) – Part 3: Limits – Section 3: Limits of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current up and including 16 Ampere per phase.

Signed by:

A handwritten signature in black ink, appearing to be 'D.S. Hartley'.

Name: D.S. Hartley

Position: Technical Director

Company: Monitor Audio Ltd

