



# TANNOY VX Series Dual Full Range Loudspeaker User Guide

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# TANNOY

**TANNOY VX Series Dual Full Range Loudspeaker**



## Product Information

### Specifications

- **Product Name:** VX Series
- **Models:** VX 15Q (-WH)/VX 15HP (-WH)/VX 12.2Q (-WH)/VX 12Q (-WH)/VX 12HP (-WH)/VX 12 (-WH)/VX 8M/VX 8.2 (-WH)/VX 8 (-WH)/VX 6 (-WH)/VX 5.2 (-WH)
- **Type:** Power Dual Full Range Loudspeaker with Q-Centric Waveguide/Low-Frequency Driver
- **Applications:** Portable and Installation

## Product Usage Instructions

### Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Use only attachments/accessories specified by the manufacturer.
10. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or solder with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from

tip-over.

11. Do not install in a confined space, such as a bookcase or similar unit.
12. Do not place naked flame sources, such as lighted candles, on the apparatus.

### **Security instructions**

1. Lisaz ces consignes.
2. Conserve these consignments.
3. Respect all avertissements.
4. Respect all instructions for use.
5. Nettoyez l'appareil has dry chiffon.

### **Important health instructions**

1. Leggere quest this istruzioni.
2. Conserve this instruction.
3. Pay attention to everything you see.
4. Apply all instructions.
5. Do not use this device near the water.
6. Pulse exclusively with a dry cloth.
7. Do not install near a heat source such as a radiator, thermoregulator, stufe or other appliances (including amplifiers) that produce heat.
8. Use exclusively a device/accessory specific to the product.
9. Utilizzare solo carrelli, supporti, treppiedi, staffe o tavoli indicati dal produttore o venduti con l'apparecchio.  
Using a carrello, pay attention when asked to the carrello/apparecchio combination to avoid being injured in the spotlight.
10. Noninstallare in a ristretto space, come in a library or in a similar structure.
11. Don't collocare the device's fonti di fiamme liberate, as it can be accessed.

### **Belangrijke veiligheidsvoorschriften**

Lees ten voorschriften.

### **FAQ**

• **Q: Can I use the VX Series near water?**

A: No, it is not recommended to use the VX Series near water to prevent any damage or accidents.

• **Q: How should I clean the VX Series?**

A: Clean the VX Series only with a dry cloth to avoid any moisture-related issues.

• **Q: Can I place naked flame sources on the VX Series?**

A: No, do not place any naked flame sources, such as lit candles, on the VX Series to prevent fire hazards.

### **VX Series**

• **VX 15Q (-WH)/VX 15HP (-WH)/VX 12.2Q (-WH)/VX 12Q (-WH)/VX 12HP (-WH)**

15/12" Power Dual Full Range Loudspeaker with Q-Centric Waveguide/Low-Frequency Driver for Portable and

## Installation Applications

- **VX 12 (-WH)/VX 8M/VX 8.2 (-WH)/VX 8 (-WH)/VX 6 (-WH)/VX 5.2 (-WH)**

12/8/6/5" Dual Concentric Full Range Loudspeaker with Low-Frequency Driver for Portable and Installation Applications

## Safety Instruction

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Use only attachments/accessories specified by the manufacturer.
10. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
11. **Correct disposal of this product:** This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office or your household waste collection service.
12. Do not install in a confined space, such as a bookcase or similar unit.
13. Do not place naked flame sources, such as lighted candles, on the apparatus.

Thank you for choosing a Tannoy loudspeaker product for your application. If you would like further information about this or any other Tannoy product, please visit our website at [tannoy.com](http://tannoy.com).

## Unpacking the Loudspeaker

Each Tannoy VX Series loudspeaker is carefully tested and inspected prior to shipment. After unpacking, please inspect for any exterior physical damage, and save the carton and any relevant packaging materials in case the loudspeaker again requires packing and shipping. In the event that damage has been sustained in transit notify your dealer and the shipping carrier immediately.

## System Requirements

### System Requirements – Passive and Bi-amped Loudspeakers

Within the VX Series, system designers can choose from a variety of sizes, power levels, and coverage patterns to suit particular requirements. For extended bass performance, models with the ".2" designation augment the Dual Concentric LF driver with a second matched LF driver. The "HP" designation indicates extended power

handling capabilities, while the “Q” suffix indicates incorporation on the new Q-Centric Waveguide™ (QCW™) for applications requiring an asymmetrical coverage pattern. The QCW horn can be rotated in a matter of minutes, allowing placement of the 75 x 40-degree pattern with either horizontal or vertical orientation.

- VX “HP” and “Q” versions have switchable inputs to allow operation in passive or bi-amp modes.
- All other VX versions are full-range speakers operating as a passive system and require only one amplifier channel.

To avoid wasting amplifier power, you should use heavy-duty speaker cable, with a minimum wire size of 1.5 mm<sup>2</sup> (16 AWG), and preferably 2.5 mm<sup>2</sup> (14 AWG) for longer runs. Use larger wire sizes for speakers wired in parallel. For extreme cable lengths, be aware of cable impedance and resistive losses. Always observe the correct polarity.

#### **WARNING:**

VX Series loudspeakers can produce high sustained output levels for long periods of time. If users are in close proximity, these levels could lead to permanent hearing damage. Because Tannoy loudspeakers have a natural-sounding, flat frequency response and very low distortion, users may not be aware of the potential hazard. For continuous exposure to high levels, we recommend the use of a sound level meter to ensure noise levels are within safety limits. The meter should be capable of integrating levels over a period of exposure in conformance with noise control standards.

### **Amplifier Considerations**

The VX series loudspeakers are optimized for use with the Lab Gruppen PLM+ series amplifiers or Lake LM series controllers used in combination with Lab Gruppen FP amplifiers. A full range of DSP settings to suit any configuration are provided for download on the Tannoy website. The use of third-party amplification and processing is only advised using the matrix of manual settings as well as the limiter calculator provided on the Tannoy website. VX series loudspeaker enclosures should be driven by high-quality power amplifiers designed for true professional use. Power amplifiers should be capable of delivering long term broadband power equal to half the loudspeaker’s peak power rating at its stated nominal impedance. The use of underpowered amplifiers must be avoided as heavily clipped signals can cause permanent loudspeaker damage. Limiters, crossovers and equalization points must be set in accordance with the settings provided on the Tannoy website. This will ensure the optimum sound quality and long-term reliability as well as protection from damage.


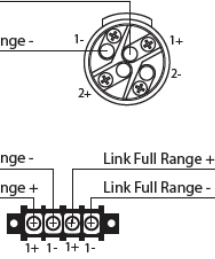
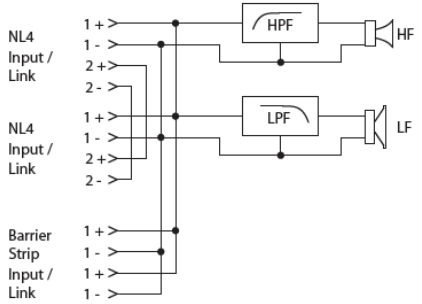
Neutrik speakON NL4 locking input connector(s) are provided, allowing options for input and link, passive, and bi-amp operation.

### **Recommended Amplifier Power**



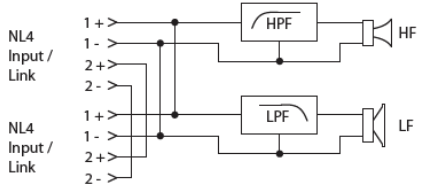
Model		VX 5.2	VX 6	VX 8	VX 8.2	VX 8M	VX 12	VX 12HP / VX 12 Q			VX 12.2Q			VX 15HP / VX 15 Q		
Mode		Pas sive	Pas sive	Pas sive	Pas sive	Pas sive	Pas sive	Pas sive	Bi-a mp LF	Bi-a mp HF	Pas sive	Bi-a mp LF	Bi-a mp MH F	Pas sive	Bi-a mp LF	Bi-a mp HF
Impedance		8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω	8 Ω
Mini mu m A mpli fier Pow er	Cont inuo us R MS	130 W	100 W	130 W	200 W	130 W	200 W	350 W	350 W	80 W	500 W	350 W	350 W	400 W	400 W	80 W
	Peak	520 W	400 W	520 W	800 W	520 W	800 W	140 0 W	140 0 W	800 W	200 0 W	140 0 W	140 0 W	160 0 W	1600 W	800 W

Connections

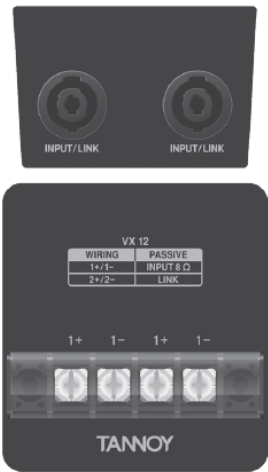
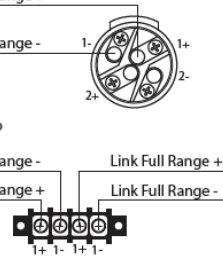
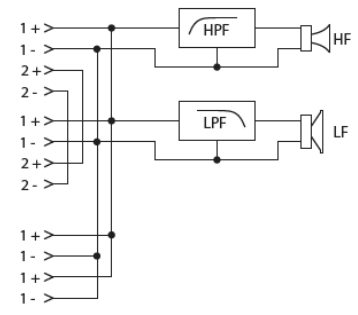
VX 5.2, VX 6, VX 8, VX 8.2

Model	Back Panel	Connector	Internal Schematic
Passive		speakON® NL4 Input Full Range + Input Full Range -  Barrier Strip Input Full Range -      Link Full Range + Input Full Range +      Link Full Range - 	


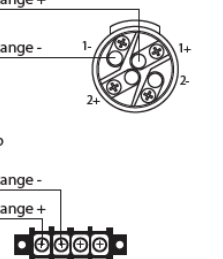
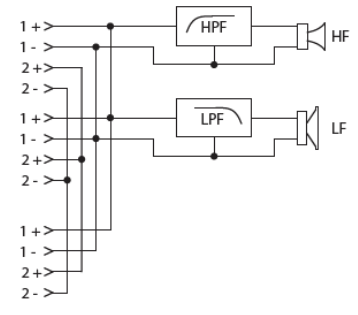
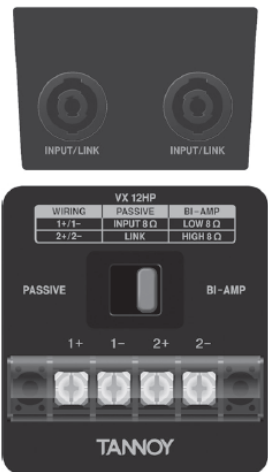
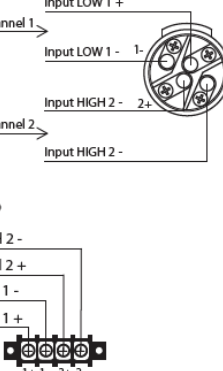
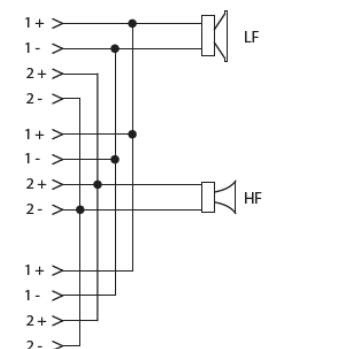
VX 8M

Model	Back Panel	Connector	Internal Schematic
Passive		speakON® NL4 Input Full Range + Input Full Range - 	

VX 12

Model	Back Panel	Connector	Internal Schematic
Passive		<p>speakON® NL4</p> <p>Input Full Range +</p> <p>Input Full Range -</p> <p>Barrier Strip</p> <p>Input Full Range -</p> <p>Input Full Range +</p> <p>Link Full Range +</p> <p>Link Full Range -</p> 	

## VX 12HP, VX 12Q, VX 12.2Q, VX 15HP, VX 15Q

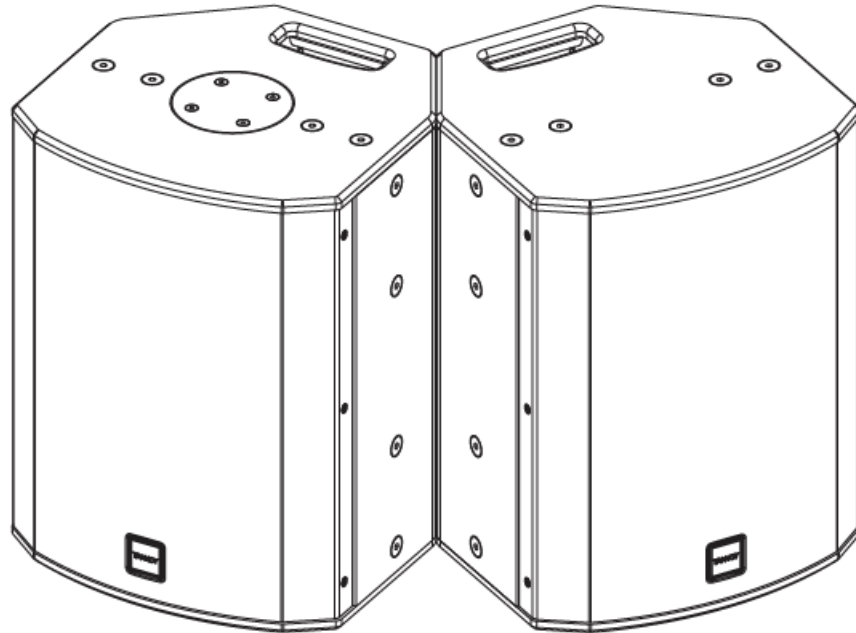
Model	Back Panel	Connector	Internal Schematic
Passive		<p>speakON® NL4</p> <p>Input Full Range +</p> <p>Input Full Range -</p> <p>Barrier Strip</p> <p>Input Full Range -</p> <p>Input Full Range +</p> 	
Bi-amp		<p>speakON® NL4</p> <p>Amplifier Channel 1</p> <p>Input LOW 1 +</p> <p>Input LOW 1 -</p> <p>Amplifier Channel 2</p> <p>Input HIGH 2 -</p> <p>Input HIGH 2 +</p> <p>Barrier Strip</p> <p>Input HIGH 2 -</p> <p>Input HIGH 2 +</p> <p>Input LOW 1 -</p> <p>Input LOW 1 +</p> 	

## Mounting and Fixing

### Arraying

Small alterations to loudspeaker positions can have the effect of minimizing problematic combing frequencies. Arrays should be constructed so that the individual coverage patterns of each loudspeaker combine with minimal overlap. The design of the VXP cabinet greatly simplifies the creation of effective arrays, allowing seamless wide horizontal coverage using two loudspeakers without the need for tedious experimentation.

By placing the VXP cabinets with the 30-degree angled rear panels together, minimal dispersion pattern overlap is achieved, guaranteeing an extraordinarily smooth transition. In many applications, the 90 or 75-degree dispersion pattern may be sufficient in the horizontal plane. It is also possible to stack the cabinets vertically using the above method (in a central cluster for example) where greater vertical dispersion is required. As shown in the above diagram, one of the VXP cabinets is inverted to allow the optimum splay angle to be achieved. The grille can be simply removed from this cabinet and replaced for matching orientation. The grille is held in position by the two fixing screws on the top and bottom lips of the cabinet.



- The Tannoy Professional hardware covered in this guide has been designed to offer quick, simple, cost-effective, and secure solutions for mounting specific Tannoy Professional loudspeakers. This hardware has been designed and manufactured with a high safety load factor for its specific role. To ensure the safest possible use of the hardware covered in this guide, it must be assembled in strict accordance with the instructions specified. The information in this
- Quick Start Guide relating to the assembly and the safe use of these accessories must be understood and followed.
- **IMPORTANT NOTE:** The mounting of a permanently installed sound system may be dangerous unless undertaken by qualified personnel with the required experience and certification to perform the necessary tasks. Walls, floors or ceilings must be capable of safely and securely supporting the actual load. The mounting accessory used must be safely and securely fixed both to the loudspeaker and to the wall, floor or ceiling.
- When mounting rigging components on walls, floors or ceilings, ensure that all fixings and fasteners used are of an appropriate size and load rating. Wall and ceiling claddings, and the construction and composition of walls and ceilings, all need to be taken into account when determining whether a particular fixing arrangement can be safely employed for a particular load. Cavity plugs or other specialist fixings, if required, must be of an appropriate type, and must be fitted and used in accordance with the maker's instructions.
- The operation of your speaker cabinet as part of a flown system, if installed incorrectly and improperly, can potentially expose persons to serious health risks and even death. In addition, please ensure that electrical, mechanical and acoustic considerations are discussed with qualified and certified (by local state or national authorities) personnel prior to any installation or flying.
- Make sure that speaker cabinets are set up and flown by qualified and certified personnel only, using dedicated equipment and original parts and components delivered with the unit. If any parts or components are missing



please contact your Dealer before attempting to set up the system.

- Be sure to observe the local, state and other safety regulations applicable in your country. MUSIC Tribe, including the MUSIC Tribe companies listed on the enclosed “Service Information Sheet”, assumes no liability for any damage or personal injury resulting from improper use, installation or operation of the product. Regular checks must be conducted by qualified personnel to ensure that the system remains in a secure and stable condition. Make sure that, where the speaker is flown, the area underneath the speaker is free of human traffic. Do not fly the speaker in areas that can be entered or used by members of the public.
- Speakers create a magnetic field, even if not in operation. Therefore, please keep all materials that can be affected by such fields (discs, computers, monitors, etc.) at a safe distance. A safe distance is usually between 1 and 2 metres.

## Technical Specifications

	VX 5.2 (-WH)	VX 6 (-WH)	VX 8 (-WH)	VX 8M
<b>System</b>				
Frequency response	87 Hz – 35 kHz $\pm 3$ dB 65 Hz – 45 kHz -10 dB	92 Hz – 35 kHz $\pm 3$ dB 80 Hz – 45 kHz -10 dB	85 Hz – 35 kHz $\pm 3$ dB 62 Hz – 45 kHz -10 dB	85 Hz – 35 kHz $\pm 3$ dB 62 Hz – 45 kHz -10 dB
Nominal dispersion	120° H x 90° V @ -6 dB points	90° conical @ -6 dB point	90° conical @ -6 dB point	90° conical @ -6 dB point
Directivity factor (Q)	7.3	5.6	6.8	6.8
Directivity index (DI)	8.6	7	7.9	9.2
<b>Power handling (IE C)</b> Passive Bi-amp	130 W continuous, 520 W peak —	100 W continuous, 400 W peak —	130 W continuous, 520 W peak —	130 W continuous, 520 W peak —
Sensitivity	90 dB (1 W @ 1 m)	91 dB (1 W @ 1 m)	92 dB (1 W @ 1 m)	92 dB (1 W @ 1 m)
<b>Maximum SPL</b> Passive Bi-amp	111 dB continuous, 117 dB peak —	111 dB continuous, 117 dB peak —	113 dB continuous, 119 dB peak —	113 dB continuous, 119 dB peak —
<b>Impedance</b> Passive Bi-amp	8 $\Omega$ —	8 $\Omega$ —	8 $\Omega$ —	8 $\Omega$ —
Crossover Type	Passive with dynamic HF protection	Passive with dynamic HF protection	Passive with dynamic HF protection	Passive with dynamic HF protection

Components	1 x 5" (125 mm) LF driver  1 x 5" (125 mm) constant directivity Dual Concentric	1 x 6" (150 mm) constant directivity Dual Concentric	1 x 8" (200 mm) constant directivity Dual Concentric	1 x 8" (200 mm) constant directivity Dual Concentric
<b>Enclosure</b>				
Connectors	2x Neutrik speakON * NL4 1 x barrier strip terminals	2x Neutrik speakON * NL4 1 x barrier strip terminals	2x Neutrik speakON * NL4 1 x barrier strip terminals	2 x Neutrik speakON* NL4
<b>Wiring</b> Passive Bi-Amp	Pins 1+ / 1- Input, Pins 2+ / 2- Link  —	Pins 1+ / 1- Input, Pins 2+ / 2- Link  —	Pins 1+ / 1- Input, Pins 2+ / 2- Link  —	Pins 1+ / 1- Input, Pins 2+ / 2- Link  —
Dimensions (H x W x D)	334 x 181 x 201 mm (13.1 x 7.1 x 7.9")	334 x 226 x 216 mm (13.1 x 8.9 x 8.5")	389 x 281 x 276 mm (15.3 x 11.1 x 10.9")	389 x 281 x 316.7 mm (15.3 x 11.1 x 12.5")
Net weight	4.4 kg (9.7 lbs)	5.0 kg (11.0 lbs)	8.1 kg (17.8 lbs)	8.6 kg (18.9 lbs)
Construction	12 mm (1/2") plywood, vented and internally braced	12 mm (1/2") plywood, vented and internally braced	15 mm (5/8") plywood, vented and internally braced	15 mm (5/8") plywood, vented and internally braced
Finish	Semi matt black paint (white optional)	Semi matt black paint (white optional)	Semi matt black paint (white optional)	Semi-matt black paint
Grille	Powder-coated perforated steel	Powder-coated perforated steel	Powder-coated perforated steel	Powder-coated perforated steel
Flying hardware	M6 x 2 yoke bracket insert (4 mm Allen key)  M6 x 4 inserts Compatible with industry-standard brackets	M6 x 2 yoke bracket insert (4 mm allen key)  M6 x 4 inserts Compatible with industry-standard brackets  Blanking plate for optional VTH pole mount	M10 x 2 yoke bracket insert (6 mm Allen key)  M10 x 2 flying inserts Compatible with industry-standard brackets  M6 x 4 inserts Blanking plate for optional VTH pole mount  1 x Integrip carrying handle	M10 x 3 flying inserts (portrait mounting)  1 x Integrip carrying handle Integral pole mount for standard 35 mm poles
<b>Accessories</b>				

	Multi-Angle Wall Mount Multi-Angle Wall Mount-WH Yoke Horizontal VX 5.2/VX 6  Yoke Horizontal VX 5.2/VX 6 – WH	Multi-Angle Wall Mount Multi-Angle Wall Mount-WH Yoke Horizontal VX 5.2/VX 6  Yoke Horizontal VX 5.2/VX 6 – WH VTH Top Hat	Multi-Angle Wall Mount Multi-Angle Wall Mount-WH Yoke Horizontal VX8  Yoke Horizontal VX 8 – WH Yoke Vertical VX8/VX8.2  Yoke Vertical VX8/VX8.2 – WH VTH Top Hat	
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	VX 8.2 (-WH)	VX 12 (-WH)	VX 12HP (-WH)	VX 12Q (-WH)
<b>System</b>				
Frequency response	80 Hz – 35 kHz $\pm 3$ dB  60 Hz – 45 kHz -10 dB	70 Hz – 25 kHz $\pm 3$ dB  55 Hz – 38 kHz -10 dB	80 Hz – 25 kHz $\pm 3$ dB  60 Hz – 30 kHz -10 dB	80 Hz – 25 kHz $\pm 3$ dB  60 Hz – 30 kHz -10 dB
Nominal dispersion	90° conical @ -6 dB point	90° conical @ -6 dB point	75° conical @ -6 dB point	75° H x 40° V @ -6 dB points
Directivity factor (Q)	8.1	9.6	10.1	13
Directivity index (DI)	9.2	9.8	10	11.1
<b>Power handling (IEC)</b> Passive Bi-amp	200 W continuous, 800 W peak  –	200 W continuous, 800 W peak  –	350 W continuous, 1,400 W peak LF: 350 W continuous, 1,400 W peak HF: 80 W continuous, 320 W peak	350 W continuous, 1,400 W peak LF: 350 W continuous, 1,400 W peak HF: 80 W continuous, 320 W peak
Sensitivity	93 dB (1 W @ 1 m)	97 dB (1 W @ 1 m)	97 dB (1 W @ 1 m)	97 dB (1 W @ 1 m)
<b>Maximum SPL</b> Passive Bi-amp	116 dB continuous, 122 dB peak  –	120 dB continuous, 126 dB peak  –	123 dB continuous, 129 dB peak LF: 124 dB continuous, 130 dB peak HF: 125 dB continuous, 131 dB peak	123 dB continuous, 129 dB peak LF: 124 dB continuous, 130 dB peak HF: 127 dB continuous, 132 dB peak

<b>Impedance</b> Passive Bi-amp	8 Ω —	8 Ω —	8 Ω 8 Ω 8 Ω	8 Ω 8 Ω 8 Ω
Crossover Type	Passive with dynamic HF protection	Passive with HF protection	Passive / Bi-amp switchable	Passive / Bi-amp switchable
Components	1 x 8" (200 mm) LF driver 1 x 8" (200 mm) constant directivity Dual Concentric	1 x 12" (305 mm) constant directivity Dual Concentric	1 x 12" (305 mm) constant directivity PowerDual	1 x 12" (305 mm) constant directivity PowerDual with Q-Centric waveguide
<b>Enclosure</b>				
Connectors	2x Neutrik speakON * NL4 1 x barrier strip terminals	2x Neutrik speakON * NL4 1 x barrier strip terminals	2x Neutrik speakON * NL4 1 x barrier strip terminals	2x Neutrik speakON * NL4 1 x barrier strip terminals
<b>Wiring</b> Passive Bi-Amp	Pins 1+ / 1- Input, Pins 2+ / 2- Link —	Pins 1+ / 1- Input, Pins 2+ / 2- Link —	Pins 1+ / 1- Input, Pins 2+ / 2- Link Pins 1+ / 1- LF, Pins 2+ / 2- HF	Pins 1+ / 1- Input, Pins 2+ / 2- Link Pins 1+ / 1- LF, Pins 2+ / 2- HF
Dimensions (H x W x D)	591 x 281 x 276 mm (23.3 x 11.1 x 10.9")	487 x 371 x 361 mm (19.2 x 14.6 x 14.2")	487 x 371 x 361 mm (19.2 x 14.6 x 14.2")	487 x 371 x 361 mm (19.2 x 14.6 x 14.2")
Net weight	14.8 kg (32.6 lbs)	16.5 kg (36.3 lbs)	20 kg (44.0 lbs)	20 kg (44.0 lbs)
Construction	15 mm (5/8") plywood, vented and internally braced	15 mm (5/8") enclosure / 18 mm (3/4") front, plywood, vented and internally braced	15 mm (5/8") enclosure / 18 mm (3/4") front, plywood, vented and internally braced	15 mm (5/8") enclosure / 18 mm (3/4") front, plywood, vented and internally braced
Finish	Semi matt black paint (white optional)	Semi matt black paint (white optional)	Semi matt black paint (white optional)	Semi matt black paint (white optional)
Grille	Powder-coated perforated steel	Powder-coated perforated steel	Powder-coated perforated steel	Powder-coated perforated steel

Flying hardware	M10 x 4 flying insert s M10 x 2 yoke bracket inserts 2 x Intergr ip carrying handle Bl anking plate for opti onal VTH pole mount	M10 x 8 flying insert s (portrait or landscape mounting ) M10 x 8 yoke brack et inserts 2 x Intergr ip carrying handles Blanking plate for optional VTH pole m ount Compatible wit h the industry stand ard brackets M6 x 4 inserts	M10 x 8 flying insert s (portrait or landscape mounting ) M10 x 8 yoke brack et inserts 2 x Intergr ip carrying handles Blanking plate for optional VTH pole m ount Compatible wit h the industry stand ard brackets M6 x 4 inserts	M10 x 8 flying insert s (portrait or landsca pe mounting) M10 x 8 yoke bracket inserts 2 x I ntergrip carrying handles Blanking pl ate for optional VTH pole mount Compati ble with the industry standard brackets M 6 x 4 inserts
<b>Accessories</b>				
	Yoke Horizontal VX 8.2 Yoke Horizontal VX8.2 – WH Yoke V ertical VX8/VX8.2  Yoke Vertical VX8/V X8.2 – WH VTH Top Hat	Yoke Horizontal VX 12 Yoke Horizontal VX12 – WH Yoke V ertical VX12/VX12.2  Yoke Vertical VX12/ VX12.2 – WH VTH Top Hat	Yoke Horizontal VX 12 Yoke Horizontal VX12 – WH Yoke V ertical VX12/VX12.2  Yoke Vertical VX12/ VX12.2 – WH VTH Top Hat	Yoke Horizontal VX12 Yoke Horizont al VX12 – WH Yoke Vertical VX12/VX12. 2  Yoke Vertical VX12/ VX12.2 – WH VTH Top Hat

	<b>VX 12.2Q (-WH)</b>	<b>VX 15HP (-WH)</b>	<b>VX 15Q (-WH)</b>
<b>System</b>			
Frequency response	70 Hz – 25 kHz $\pm 3$ dB 55 Hz – 30 kHz -10 dB	70 Hz – 25 kHz $\pm 3$ dB 58 Hz – 30 kHz -10 dB	70 Hz – 25 kHz $\pm 3$ dB 58 Hz – 30 kHz -10 dB
Nominal dispersion	75° H x 40° V @ -6 dB poi nts	75° conical @ -6 dB point s	75° H x 40° V @ -6 dB poi nts
Directivity factor (Q)	13	9.7	12
Directivity index (DI)	11.1	9.9	10.8
<b>Power handling (IEC)</b>  Passive Bi-amp	500 W continuous, 2,000 W peak LF: 350 W contin uous, 1,400 W peak  MF/HF: 350 W continuous, 1,400 W peak	400 W continuous, 1,600 W peak LF: 400 W contin uous, 1,600 W peak HF: 8 0 W continuous, 320 W p eak	400 W continuous, 1,600 W  LF: 400 W continuous, 1,6 00 W HF: 80 W continuou s, 320 W peak
Sensitivity	99 dB (1 W @ 1 m)	99 dB (1 W @ 1 m)	99 dB (1 W @ 1 m)

<b>Maximum SPL</b> Passive Bi-amp	126 dB continuous, 132 dB peak LF: 123 dB continuous, 129 dB peak HF: 127 dB continuous, 133 dB peak	125 dB continuous, 131 dB peak LF: 126 dB continuous, 132 dB peak HF: 125 dB continuous, 131 dB peak	125 dB continuous, 131 dB peak LF: 126 dB continuous, 132 dB peak HF: 127 dB continuous, 132 dB peak
<b>Impedance</b> Passive Bi-amp	8 $\Omega$ 8 $\Omega$ 8 $\Omega$	8 $\Omega$ 8 $\Omega$ 8 $\Omega$	8 $\Omega$ 8 $\Omega$ 8 $\Omega$
Crossover Type	Passive / Bi-amp switchable	Passive / Bi-amp switchable	Passive / Bi-amp switchable
Components	1 x 12" (305 mm) constant directivity PowerDual with Q-Centric waveguide 1 x 12" (305 mm) LF driver	1 x 15" (380 mm) constant directivity PowerDual	1 x 15" (380 mm) constant directivity PowerDual
<b>Enclosure</b>			
Connectors	2x Neutrik speakON* NL4 1 x barrier strip terminals	2x Neutrik speakON* NL4 1 x barrier strip terminals	2x Neutrik speakON* NL4 1 x barrier strip terminals
<b>Wiring</b> Passive Bi-Amp	Pins 1+ / 1- Input, Pins 2+ / 2- Link  Pins 1+ / 1- LF, Pins 2+ / 2- HF	Pins 1+ / 1- Input, Pins 2+ / 2- Link  Pins 1+ / 1- LF, Pins 2+ / 2- HF	Pins 1+ / 1- Input, Pins 2+ / 2- Link  Pins 1+ / 1- LF, Pins 2+ / 2- HF
Dimensions (H x W x D)	781 x 371 x 361 mm (30.7 x 14.6 x 14.2")	591 x 451 x 421 mm (23.3 x 17.8 x 16.6")	591 x 451 x 421 mm (23.3 x 17.8 x 16.6")
Net weight	30.5 kg (67.2 lbs)	25.5 kg (56.2 lbs)	25.4 kg (55.9 lbs)
Construction	15 mm (5/8") enclosure / 18 mm (3/4") front, plywood, vented and internally braced	18 mm (3/4") enclosure / 18 mm (3/4") front, plywood, vented and internally braced	18 mm (3/4") enclosure / 18 mm (3/4") front, plywood, vented and internally braced
Finish	Semi matt black paint (white optional)	Semi matt black paint (white optional)	Semi matt black paint (white optional)
Grille	Powder-coated perforated steel	Powder-coated perforated steel	Powder-coated perforated steel

Flying hardware	M10 x 8 flying inserts (portrait or landscape mounting)  M10 x 8 yoke bracket inserts 2 x Intergrip carrying handles  Blanking plate for optional VTH pole mount	M10 x 8 flying inserts (portrait or landscape mounting)  M10 x 8 yoke bracket inserts 2 x Intergrip carrying handles  Blanking plate for optional VTH pole mount Compatible with industry-standard brackets M6 x 4 inserts	M10 x 8 flying inserts (portrait or landscape mounting)  M10 x 8 yoke bracket inserts 2 x Intergrip carrying handles  Blanking plate for optional VTH pole mount Compatible with industry-standard brackets M6 x 4 inserts
<b>Accessories</b>			
	Yoke Horizontal VX12.2 Yoke Vertical VX12/VX12.2  Yoke Vertical VX12/VX12.2 – WH VTH Top Hat	Yoke Horizontal VX15 Yoke Vertical VX15 VTH Top Hat	Yoke Horizontal VX15 Yoke Vertical VX15 VTH Top Hat

## Other important information


### Important information

1. **Register online.** Please register your new Music Tribe equipment right after you purchase it by visiting [musictribe.com](https://musictribe.com). Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.
2. **Malfunction.** Should your Music Tribe Authorized Reseller not be located in your vicinity, you may contact the Music Tribe Authorized Fulfiller for your country listed under “Support” at [musictribe.com](https://musictribe.com). Should your country not be listed, please check if your problem can be dealt with by our “Online Support” which may also be found under “Support” at [musictribe.com](https://musictribe.com). Alternatively, please submit an online warranty claim at [musictribe.com](https://musictribe.com) BEFORE returning the product.
3. **Power Connections.** Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

Hereby, Music Tribe declares that this product is in compliance with Directive 2011/65/EU and Amendment 2015/863/EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC, and this passive product is not applicable to EMC Directive 2014/30/EU, LV Directive 2014/35/EU.

- Full text of EU DoC is available at <https://community.musictribe.com/>.
- **EU Representative:** Music Tribe Brands DK A/S
- **Address:** Gammel Strand 44, DK-1202 København K, Denmark
- **UK Representative:** Music Tribe Brands UK Ltd.
- **Address:** 6 Lloyds Avenue, Unit 4CL London EC3N 3AX, United Kingdom.

# Documents / Resources

	<p><a href="#">TANNOY VX Series Dual Full Range Loudspeaker</a> [pdf] User Guide</p> <p>VX Series Dual Full Range Loudspeaker, VX Series, Dual Full Range Loudspeaker, Full Range Loudspeaker, Range Loudspeaker, Loudspeaker</p>
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# References

- [m Music Tribe](#)
- [m Music Tribe](#)
- [User Manual](#)