



## Product Description

Conceived, engineered and built with precision in the United Kingdom, VX Series represents the latest evolution of Tannoy's core philosophies in professional loudspeaker design. VX 12 is a new evolution of Tannoy's market-leading V12, renowned for its exceptional performance and versatility making it a premier choice for many typical applications. It provides a high performance solution for medium scale sound reinforcement and more demanding mixed-use BGM applications such as fitness suites, bars and small clubs. The VX 12 has also been acoustically matched with the wider range of VX Series models, making it a perfectly capable component within much larger installations.

The VX 12 is built around a single 300 mm (12") Dual Concentric™ driver mounted within a rugged birch plywood cabinet with aesthetically profiled edges and airtight-backed, powder-coated steel grille. The latest high power handling 300 mm (12") version of Tannoy's exclusive point source, constant directivity Dual Concentric drive unit technology ensures high power output with high sensitivity and exceptional efficiency. This unique configuration delivers optimum coverage, exceptional forward gain and excellent acoustic impedance characteristics. The dispersion characteristics of the Dual also enhance speaker placement flexibility; allowing vertical or horizontal mounting of single or multi-cabinet arrays without any compromise to sound quality.

Audio connection is via flush-mounted, recessed termination panel with both NL4 speakON and connector strip while an extensive range of high performance steel mounting hardware is available, custom designed for VX 12 and manufactured by K&M. This includes a yoke bracket and omni-mount for wall and ceiling location as well as eyebolt location points and a VTH top-hat for pole-mounting. Ergonomic Integrip™ recessed handle makes one and two-handed lift of the cabinet easier than ever for optimum portability.

The VX 12 is available in black or white textured paint finish as standard, with matching grilles, and is also available in custom matched RAL colours as an option. A weather proof specification (WP) is also available as an option. This includes LINE-X™ cabinet outer-coating, internal prism sealing and treated transducers with perforated Grade 316 Stainless Steel grilles. All steel hardware is upgraded to Grade 304 SS, while all connector panel points are protected by a cover plate and weather-proof cable gland. Additional lead time applies to all non-standard specifications.

## Features

- 300 mm (12") Dual Concentric full-range driver
- Tightly controlled 90 degree dispersion for optimum coverage and forward gain
- Peak output 126 dB, rec. amp power 400 W @ 8 ohms
- Versatile mounting via optional custom designed hardware
- Integrip™ handle ergonomically integrated into top and bottom of cabinet and pole-mountable for optimum portability.
- Flush-mounted TP with NL4 speakON and barrier strip connections
- Rugged and highly compact birch plywood enclosure
- Available in black or white textured paint finish – custom colours optional.
- Available in weather proof specification (optional)
- Engineered and built in UK
- Five year loudspeaker warranty

## Applications

- Performance Arts Spaces
- Theatres & Auditoria
- Bars, pubs and nightclubs
- FOH and DJ booth monitoring
- Medium scale live PA
- Theme parks and leisure venues
- Gymnasiums and small/medium sports arenas
- Portable corporate AV
- Conference rooms
- Houses of worship
- Cinemas

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# VX 12

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## TECHNICAL SPECIFICATIONS

<b>System</b>	<b>VX 12</b>		
<b>Frequency Response (-3 dB) <sup>(1)</sup></b>	70 Hz - 25 kHz		
<b>Frequency Range (-10 dB) <sup>(1)</sup></b>	55 Hz - 38 kHz		
<b>System Sensitivity (1 W @ 1 m) <sup>(2)</sup></b>	97 dB (1 W = 2.83 V for 8 Ohms)		
<b>Dispersion (-6 dB)</b>	90 degrees conical		
<b>Driver Complement</b>	1 x 300 mm (12.00") constant directivity Dual Concentric™		
<b>Crossover</b>	Passive 1 kHz with HF protection		
<b>Directivity Factor (Q)</b>	9.6 (averaged 1 kHz to 8 kHz)		
<b>Directivity Index (DI)</b>	9.8 dB (averaged 1 kHz to 8 kHz)		
<b>Rated Maximum SPL <sup>(2)</sup></b>	120 dB (average) 126 dB (peak)		
<b>Power Handling</b>	Average	Programme	Peak
	200 W	400 W	800 W
<b>Recommended Amplifier Power</b>	400 W @ 8 Ohms		
<b>Nominal Impedance</b>	8 Ohms		
<b>Distortion</b>			
10% Full Power (17.9 V)	2nd Harmonic	3rd Harmonic	
250 Hz	0.52%	0.58%	
1 kHz	2.98%	0.63%	
10 kHz	3.58%	0.19%	
1% Full Power (5.66 V)	2nd Harmonic	3rd Harmonic	
250 Hz	0.10%	0.26%	
1 kHz	0.81%	0.58%	
10 kHz	1.18%	0.03%	

<b>Construction</b>	
<b>Enclosure</b>	36.4 litre, 15 mm (enclosure) and 18 mm (front) birch plywood, vented and internally braced.
<b>Finish</b>	Textured black or white paint, with custom colours on request. Powder coated perforated steel grille, Airnet cloth behind
<b>Connectors</b>	2 x speakON NL4MP and Barrier strip
<b>Fittings</b>	8 x M10 Flying inserts (portrait or landscape mounting), 8 x M10 yoke bracket inserts, 2 x Integrip carrying handles, Blanking plate for optional VTH pole mount
<b>Dimensions</b>	490 x 370 x 380 mm (HxWxD) 19.3 x 14.6 x 15.0" (HxWxD)
<b>Net Weight</b>	TBA
<b>Shipped weight</b>	TBA
<b>Packed quantity</b>	1

### Notes

(1) Average over stated bandwidth. Measured at 1 metre on axis in an anechoic chamber

(2) Unweighted pink noise input, measured at 1 metre in an anechoic chamber  
A full range of measurements, performance data, and Ease™ Data can be downloaded from [www.tannoy.com](http://www.tannoy.com)

Tannoy operates a policy of continuous research and development. The introduction of new materials or manufacturing methods will always equal or exceed the published specifications, which Tannoy reserves the right to alter without prior notice. Please verify the latest specifications when dealing with critical applications.

## Ordering Information

PART NUMBER	MODEL NAME	COLOUR	PACKED QUANTITY
8001 6350	VX 12	BLACK	1
8001 6351	VX 12	WHITE	1

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