



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 8.2 is a new type of device, adding new capabilities to the range with its exceptional acoustic clarity, definition and all round acoustical performance. It provides a sonically superior solution for medium scale performance sound reinforcement as well as high performance speech reproduction where clarity and vocal character are paramount. The versatile twin driver design and mounting options also make the VX 8.2, due to acoustic matching with the wider range of VX Series models, perfectly capable components within much larger installations.

The VX 8.2 is built around two discrete transducers, a 200 mm (8") Dual Concentric™ driver and a 200 mm (8") bass driver for LF extension, mounted within a rugged birch plywood cabinet with aesthetically profiled edges and airtight-backed, powder-coated steel grille. The latest high power handling 200 mm (8") 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 new twin-driver compliment delivers tightly controlled 90 degree conical dispersion, for optimum coverage and exceptional forward gain with the added benefit of improved bass extension.

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 8.2 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. All hardware has been tested and certified by K&M to guarantee greater than 10:1 safety ratio – giving installers complete peace of mind.

The VX 8.2 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

- 200 mm (8") Dual Concentric driver and discrete 200 mm (8") bass driver for extended LF performance
- Tightly controlled 90 degree dispersion for optimum coverage and forward gain
- Peak output 121 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.
- Exceptional sound and performance for a cabinet of this size
- 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

Applications

- Performance Arts Spaces
- Theatres & Auditoria
- Bars, pubs and nightclubs
- Small-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 8.2

TANNOY®

TECHNICAL SPECIFICATIONS

System	VX 8.2		
Frequency Response (-3 dB) ⁽¹⁾	80 Hz - 35 kHz		
Frequency Range (-10 dB) ⁽¹⁾	60 Hz - 45 kHz		
System Sensitivity (1 W @ 1 m) ⁽²⁾	93 dB (1 W = 2.83 V for 8 ohms)		
Dispersion (-6 dB)	90 degrees conical		
Driver Complement	1 x 200 mm (8.00") constant directivity Dual Concentric™ 1 x 200 mm (8.00") bass driver		
Crossover	Passive 360 Hz and 1.5 kHz, with dynamic HF protection		
Directivity Factor (Q)	8.1 (averaged 1 kHz to 8 kHz)		
Directivity Index (DI)	9.2 dB (averaged 1 kHz to 8 kHz)		
Rated Maximum SPL ⁽²⁾	116 dB (average) 122 dB (peak)		
Power Handling	Average 200 W	Programme 400 W	Peak 800W
Recommended Amplifier Power	400 W @ 8 ohms		
Nominal Impedance	8 ohms		
Distortion			
10% Full Power (8.94 V)	2nd Harmonic	3rd Harmonic	
250 Hz	0.58%	0.34%	
1 kHz	0.34%	0.69%	
10 kHz	1.73%	0.15%	
1% Full Power (2.83 V)	2nd Harmonic	3rd Harmonic	
250 Hz	0.15%	0.15%	
1 kHz	0.11%	0.37%	
10 kHz	0.74%	0.22%	

Construction	
Enclosure	25.3 litre, 15 mm (0.62") birch plywood, vented and internally braced.
Finish	Textured black or white paint, with custom colours on request. Powder coated perforated steel grille, Airnet cloth behind
Connectors	2 x speakON NL4MP and Barrier strip
Fittings	4 x M10 Flying inserts, 2 x M10 yoke bracket inserts 2 x Integrip carrying handles
Dimensions	590 x 280 x 275 mm (HxWxD) 23.2 x 11.0 x 10.8" (HxWxD)
Net Weight	TBA
Shipped weight	TBA
Packed quantity	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

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 6340	VX 8.2	BLACK	1
8001 6341	VX 8.2	WHITE	1

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