



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 15HP is a new evolution of Tannoy's market-leading V15, renowned for its exceptional performance and versatility making it a premier choice for many typical applications. It provides a higher performance solution for medium scale sound reinforcement such as loud fashion retail outlets and bars and clubs as well as being well suited for portable PA applications.

The VX 15HP is built around a single 380 mm (15") PowerDual™ driver mounted within a rugged birch plywood cabinet with aesthetically profiled edges and airtight-backed, powder-coated steel grille. The latest higher power handling 380 mm (15") version of Tannoy's exclusive point source, constant directivity PowerDual 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 15HP 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 15HP 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

- 380 mm (15") Dual Concentric PowerDual full-range driver
- Tightly controlled constant directivity 75 degree dispersion for optimum coverage and forward gain
- Peak output 132 dB, rec. amp power 800 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
- 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 15HP

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TECHNICAL SPECIFICATIONS

System	VX 15HP		
Frequency Response (-3 dB) ⁽¹⁾	70 Hz - 25 kHz		
Frequency Range (-10 dB) ⁽¹⁾	58 Hz - 30 kHz		
System Sensitivity (1 W @ 1 m) ⁽²⁾	99 dB (1 W = 2.83 V for 8 Ohms)		
Passive - Full Range	100 dB		
Biamp (LF)	106 dB		
Biamp (HF)	106 dB		
Dispersion (-6 dB)	75 degrees		
Driver Complement	1 x 380 mm (15.00") PowerDual™		
Crossover	Passive 1.3 kHz		
<small>Product can be reconfigured for bi-amped operation. Bi-amp system parameters in user manual</small>			
Directivity Factor (Q)	9.7 (averaged 1 kHz to 8 kHz)		
Directivity Index (DI)	9.9dB (averaged 1 kHz to 8 kHz)		
Rated Maximum SPL ⁽²⁾			
Passive - Full Range	125 dB (average) 131 dB (peak)		
Biamp (LF)	126 dB (average) 132 dB (peak)		
Biamp (HF)	125 dB (average) 131 dB (peak)		
Power Handling	Average	Programme	Peak
Passive - Full Range	400 W	800 W	1600 W
Biamp (LF)	400 W	800 W	1600 W
Biamp (HF)	80 W	160 W	320 W
Recommended Amplifier Power			
Passive - Full Range	800 W @ 8 ohms		
Biamp (LF)	800 W @ 8 ohms		
Biamp (HF)	160 W @ 8 ohms		
Nominal Impedance			
Passive - Full Range	8 ohms		
Biamp (LF)	8 ohms		
Biamp (HF)	8 ohms		
Distortion			
10% Full Power (17.9 V)	2nd Harmonic	3rd Harmonic	
250 Hz	1.0%	0.56%	
1 kHz	1.4%	1.0%	
10 kHz	3.9%	1.8%	
1% Full Power (5.66 V)	2nd Harmonic	3rd Harmonic	
250 Hz	0.31%	0.45%	
1 kHz	0.45%	0.79%	
10 kHz	3.16%	0.32%	

Construction	
Enclosure	54.9 litre, 18 mm 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	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
Dimensions	590 x 450 x 420 mm (HxWxD) 23.2 x 17.7 x 16.5" (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 6390	VX 15HP	BLACK	1
8001 6391	VX 15HP	WHITE	1

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