



# VS10 BP

TANNOY®



## Product Description

The Tannoy VS10 BP is a compact, versatile bandpass subwoofer system, designed to extend the low frequency response of Tannoy V Series loudspeakers and increase system headroom.

Extending the frequency response of these systems to below 40Hz this highly efficient design is capable of providing output levels normally associated with considerably larger enclosures. A system suited to background music playback in applications ranging from clubs, bars and cafes, right through to theatres and AV presentations.

The VS10 BP utilises a single high efficiency 250mm (10.00") drive unit in a compact and sturdy, black or white painted MDF cabinet. The design concept also allows discreet placement, for instance unobtrusively incorporated into fixed furnishings such as underneath seating or the bar in cafes and bars.

The install placement is made even easier as the design incorporates moveable bass port tubes and blanking plates that can be swapped from the side to the end panel, allowing the unit to be installed in various orientations. M10 rigging points are also provided to allow permanent installation.

Fitted to the VS10 BP are two pairs of 4mm binding posts for the amplifier input and high-pass output connectors to the satellite loudspeakers, allowing the sub and satellites to be driven from a single amplifier channel.

A digital speaker controller, such as the Tannoy TDX1 or TDX2, can be used to increase the versatility of the system and allow relative attenuation between the subwoofer and satellite loudspeakers. Use of such controller would also provide delay if required as well as driver protection and optimal integration.

## Features

- 250mm (10.00") drive unit
- Compact and versatile enclosure
- High power handling
- High efficiency and low distortion
- Convenient aspect ratio
- Rugged MDF construction finished with textured black paint
- Port and blanking plate swap facility optimises installation flexibility

## Applications

- Background and foreground music playback
- Ideal for discreet placement in confined areas
- Performing arts venues
- Bars and clubs
- Restaurants, cafes and retail premises
- Theatres
- AV Presentations

Tannoy United Kingdom  
Tannoy North America  
Tannoy Deutschland  
Tannoy France

T: 00 44 (0) 1236 420199  
T: 00 1 (519) 745 1158  
T: 00 49 (180) 1111 881  
T: 00 33 (0)1 7036 7473

E: enquiries@tannoy.com  
E: inquiries@tannoyna.com  
E: anfragen@tannoy.com  
E: ventes@tannoy.com

tannoy®.com



# VS10 BP

# TANNOY®

## TECHNICAL SPECIFICATIONS

### System VS10 BP

System Type	Subwoofer-Bandpass
Frequency Response (-3dB) <sup>(1)</sup>	39Hz - 110Hz
Frequency Response (-10dB) <sup>(1)</sup>	35Hz - 130Hz
System Sensitivity (1W @1m) <sup>(2)</sup>	95dB (1W = 2.83V for 8 Ohms)
Driver Complement	1 x 250mm (10.00") High excursion bass driver
Recommended Crossover	80Hz - 110Hz, 24dB/octave Recommended High-pass filter-35Hz, 24dB/octave Internal passive crossover @ 110 Hz
Rated Maximum SPL <sup>(2)</sup>	
Average	118dB
Peak	124dB
Power Handling	
Average	200W
Programme	400W
Peak	800W
Recommended Amplifier Power	200 - 400W @ 8 Ohms
Nominal Impedance	8 Ohms

### Distortion

10% Full Power (12.65V)	2nd Harmonic	3rd Harmonic
40Hz	2.27%	0.73%
100Hz	1.79%	1.27%

1% Full Power (4.0V)	2nd Harmonic	3rd Harmonic
40Hz	0.58%	0.48%
100Hz	0.61%	1.37%

### Notes:

(1) Average over stated bandwidth. Measured at 1 metre on axis.

(2) Unweighted pink noise input, measured at 1 metre in an anechoic chamber

A full range of measurements, performance data, CLF and Ease™ Data can be downloaded from [www.tannoy.com](http://www.tannoy.com)

Full independent verification of published specifications carried out by NWAA Labs, California can also be obtained from the downloads section of [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.

### Construction

Enclosure	50 litre (1.56 cu ft) Bandpass, 15mm (0.62") MDF Internally braced.
Finish	Textured black or white paint, with custom colours on request.
Connectors	2 x pairs 4mm binding posts (Input & passive highpass output)
Fittings	2 x blanking plates to allow bass ports to be moved to another fascia 8 x M10 flying inserts. Blanking plate for optional VTH pole mount
Dimensions	355 x 365 x 590mm (H x W x D) 14.00 x 14.40 x 23.25" (H x W x D)
Weight	17.5 Kg (38.5 lbs)

### Ordering Information

PART NUMBER	MODEL NAME	COLOUR	PACKED QUANTITY
8001 3610	V10 BP	Black	1
8001 3611	V10 BP	White	1

Tannoy United Kingdom  
Tannoy North America  
Tannoy Deutschland  
Tannoy France

T: 00 44 (0) 1236 420199  
T: 00 1 (519) 745 1158  
T: 00 49 (180) 1111 881  
T: 00 33 (0)1 7036 7473

E: [enquiries@tannoy.com](mailto:enquiries@tannoy.com)  
E: [inquiries@tannoyna.com](mailto:inquiries@tannoyna.com)  
E: [anfragen@tannoy.com](mailto:anfragen@tannoy.com)  
E: [ventes@tannoy.com](mailto:ventes@tannoy.com)

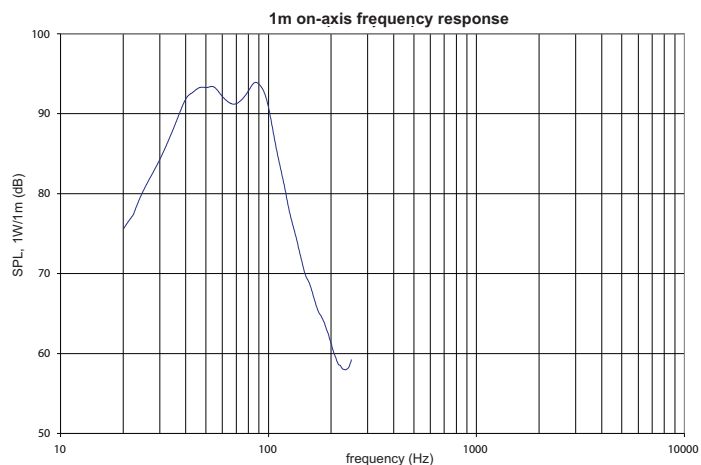
# tannoy®.com



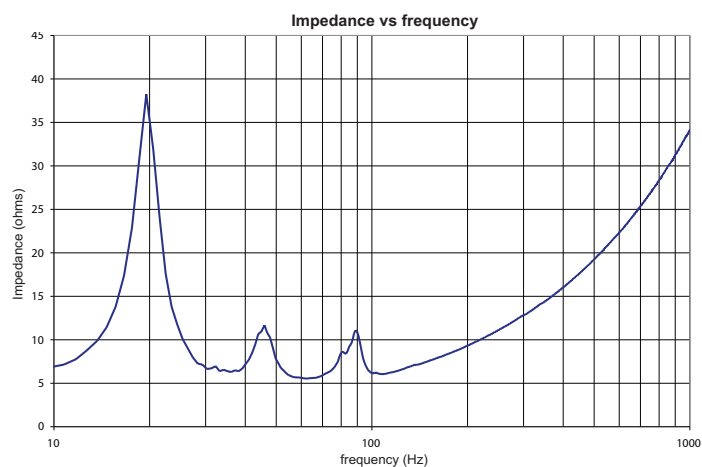
# VS10 BP

# TANNOY®

## PERFORMANCE MEASUREMENTS



FREQUENCY  
RESPONSE



IMPEDANCE

Tannoy United Kingdom  
Tannoy North America  
Tannoy Deutschland  
Tannoy France

T: 00 44 (0) 1236 420199  
T: 00 1 (519) 745 1158  
T: 00 49 (180) 1111 881  
T: 00 33 (0)1 7036 7473

E: enquiries@tannoy.com  
E: inquiries@tannoyna.com  
E: anfragen@tannoy.com  
E: ventes@tannoy.com

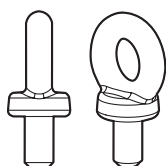
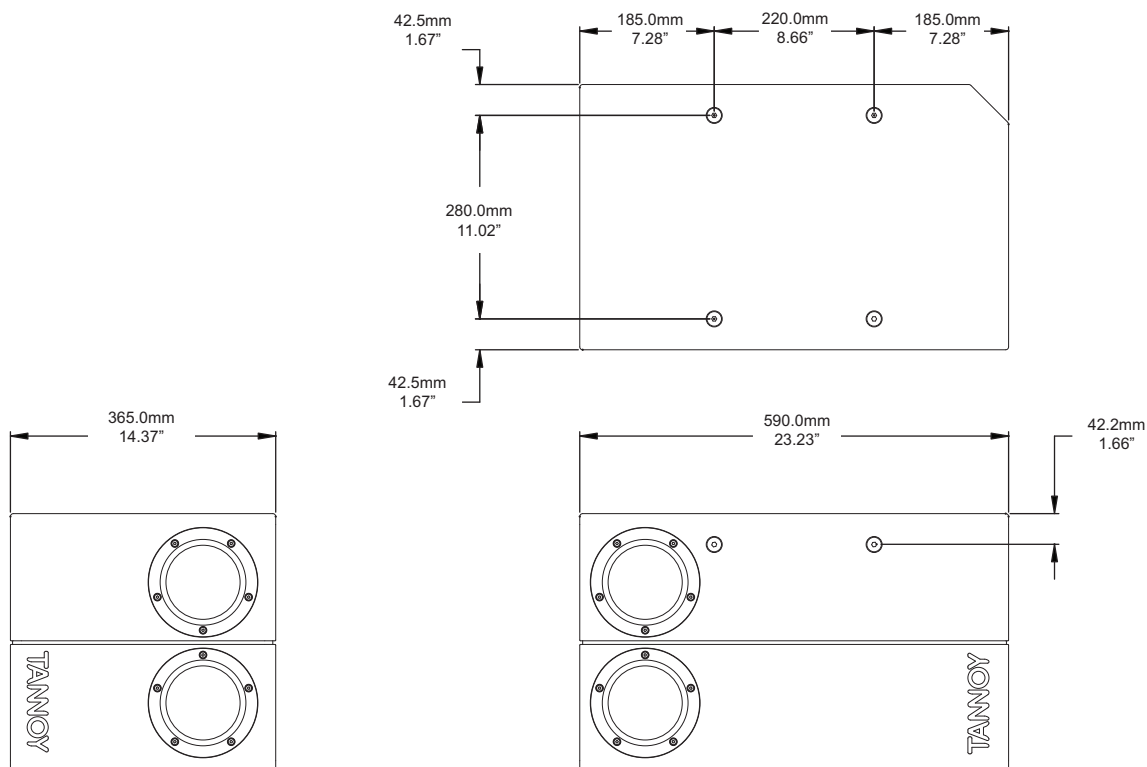
tannoy®.com



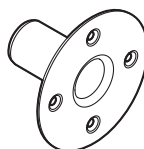
# VS10 BP

# TANNOY®

## DIMENSIONAL SKETCHES & MOUNTING OPTIONS



VEB



VTH

### Ordering Information

PART NUMBER	MODEL NAME	COLOUR	PACKED QUANTITY
8001 2820	VEB	-	1
8001 2860	VTH	Black	1
8001 2870	VTH	White	1

Tannoy United Kingdom  
Tannoy North America  
Tannoy Deutschland  
Tannoy France

T: 00 44 (0) 1236 420199  
T: 00 1 (519) 745 1158  
T: 00 49 (180) 1111 881  
T: 00 33 (0)1 7036 7473

E: [enquiries@tannoy.com](mailto:enquiries@tannoy.com)  
E: [inquiries@tannoyna.com](mailto:inquiries@tannoyna.com)  
E: [anfragen@tannoy.com](mailto:anfragen@tannoy.com)  
E: [ventes@tannoy.com](mailto:ventes@tannoy.com)

[tannoy.com](http://tannoy.com)



## Architectural specifications

The loudspeaker shall be of the vented bandpass type consisting of one 250mm (10.00") long excursion low frequency transducer mounted on an internal baffle. The enclosure shall be of MDF construction finished in a wear resistant, textured black paint. There shall be two input and two high pass out connectors of the 4mm binding post type. The enclosure shall be fitted with two blanking plates allowing the bass ports to be repositioned for usage of the product in various orientations. There shall be eight M10 rigging points and a blanking plate for the installation of a pole mount socket.

Performance of the loudspeaker, without any electronic control, shall meet or exceed the following criteria: Frequency response measured at 1 metre on axis with swept sine wave shall be 39Hz – 110Hz (-3dB). Sensitivity shall be at least 95dB (half space) for 2.83 Volts @ 1 metre and shall be capable of producing a peak output level of 124dB (half space). The system shall have a nominal impedance of 8 Ohms and maximum power handling shall be 400 Watts (programme).

The enclosure shall not exceed the following dimensions: 355 x 365 x 590mm or 14.00 x 14.40 x 23.25" (H x W x D)

The Tannoy subwoofer loudspeaker system shall be... VS10 BP



**TANNOY®**

## NOTES

Tannoy United Kingdom  
Tannoy North America  
Tannoy Deutschland  
Tannoy France

T: 00 44 (0) 1236 420199  
T: 00 1 (519) 745 1158  
T: 00 49 (180) 1111 881  
T: 00 33 (0)1 7036 7473

E: [enquiries@tannoy.com](mailto:enquiries@tannoy.com)  
E: [inquiries@tannoyna.com](mailto:inquiries@tannoyna.com)  
E: [anfragen@tannoy.com](mailto:anfragen@tannoy.com)  
E: [ventas@tannoy.com](mailto:ventas@tannoy.com)

tannoy.com



**TANNOY®**

## NOTES

Tannoy United Kingdom  
Tannoy North America  
Tannoy Deutschland  
Tannoy France

T: 00 44 (0) 1236 420199  
T: 00 1 (519) 745 1158  
T: 00 49 (180) 1111 881  
T: 00 33 (0)1 7036 7473

E: [enquiries@tannoy.com](mailto:enquiries@tannoy.com)  
E: [inquiries@tannoyna.com](mailto:inquiries@tannoyna.com)  
E: [anfragen@tannoy.com](mailto:anfragen@tannoy.com)  
E: [ventas@tannoy.com](mailto:ventas@tannoy.com)

tannoy.com



**TANNOY®**

## NOTES

Tannoy United Kingdom  
Tannoy North America  
Tannoy Deutschland  
Tannoy France

T: 00 44 (0) 1236 420199  
T: 00 1 (519) 745 1158  
T: 00 49 (180) 1111 881  
T: 00 33 (0)1 7036 7473

E: [enquiries@tannoy.com](mailto:enquiries@tannoy.com)  
E: [inquiries@tannoyna.com](mailto:inquiries@tannoyna.com)  
E: [anfragen@tannoy.com](mailto:anfragen@tannoy.com)  
E: [ventas@tannoy.com](mailto:ventas@tannoy.com)

tannoy.com