

Product description

The Tannoy VSX 8.2BP is a compact, low profile and deceptively powerful band-pass subwoofer, designed to extend low frequency response and increase system headroom in conjunction with Tannoy VX and VXP Series full range loudspeakers, as well as offering an ideal low frequency device for use with many of Tannoy's other systems, such as VLS Series or DVS Series. Extending overall frequency response to below 40 Hz, this highly efficient design is capable of providing output levels normally associated with considerably larger enclosures.

The VSX 8.2BP utilises a pair of high efficiency 200 mm (8") drive units mounted in a compact and sturdy, black or white painted plywood cabinet. The low-profile of the enclosure design also allows discreet placement, for instance unobtrusively incorporated into fixed furnishings such as underneath seating or the bar in cafes and bars, for discrete but impressive performance.

The VSX 8.2BP benefits from Tannoy's latest subwoofer design philosophies, optimising tonal balance and harmonic output through precisely engineered enclosure geometry and innovative transducer design; ensures well-defined low frequency reinforcement at high sound pressure levels, with extremely low distortion and power compression.

Featuring a rugged and durable birch ply enclosure, with ergonomic Integrip™ carry handles and integrated, recessed termination panels with NL4 speakON and barrier strip connections for ease-of-install, the VSX 8.2BP is a highly flexible subwoofer. As well as fixed install, VSX 8.2BP can easily be coupled with VX Series and VXP Series and VLS Series column loudspeakers for portable PA applications thanks to an integrated pole-mount recess and the optional VTH pole mount.



Features

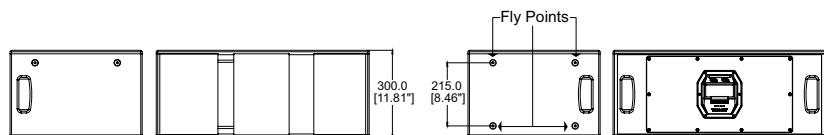
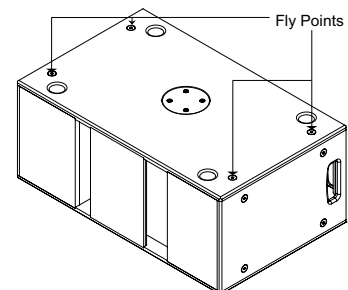
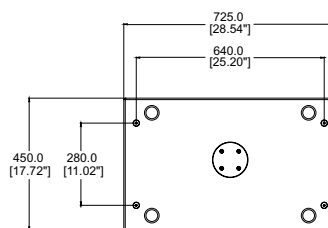
- Twin 200 mm (8") drive units mounted in band-pass configuration
- High performance LF driver design delivering exceptional bass response
- Ultra-compact for discrete installation, matching the output of a larger, single 12" device
- New band-pass design delivers higher output, lower distortion and greater reliability
- Recessed Integrip handles for ease of handling
- Recessed termination panels for flush mounting of connectors
- Recessed pole-mount locations for use in portable PA applications
- Rugged plywood construction finished with textured black or white paint

Applications

- Under-seating in bars & clubs
- Transportation hubs
- High output retail (eg. fashion stores)
- Portable AV/PA
- Stage-front installation
- Multimedia installations (eg. museums, galleries)
- Visitor attractions
- Auditoria

Physical data

Dimensions HxWxD:	300 mm x 725 mm x 450 mm, (11.8" x 28.5" x 17.7")
Weight:	25.5 kg (56.3 lbs)
Enclosure:	79 litres, 15 mm birch plywood, internally braced
Finish:	Textured black or white paint (custom colours on request)



Technical Data Sheet

Specifications

VSX 8.2BP

Performance

System type	Band-pass subwoofer
Frequency response (-3 dB) ⁽¹⁾	46 Hz - 160 Hz
Frequency response (-10 dB) ⁽¹⁾	38 Hz - 200 Hz
System sensitivity (1 W @ 1 m) ⁽²⁾	97 dB (1 W = 2.83 V for 8 ohms)

Power Handling

Average ⁽²⁾	400 W
Programme	800 W
Peak	1600 W
Recommended amplifier power	800 W @ 8 ohms

Rated maximum SPL ⁽²⁾

Average	123 dB
Peak	129 dB
Nominal impedance	8 ohms
Driver complement	2 x 200 mm (8") bass drivers
Recommended crossover	80 Hz - 150 Hz, 24 dB / octave
	Recommended high-pass filter 40 Hz, 24 dB / octave

Distortion

10% full power (28.3 V)	Harmonics		
	50 Hz	2nd	3rd
	50 Hz	3.72%	3.10%
	100 Hz	0.40%	0.35%
1% full power (8.9 V)	50 Hz	0.52%	0.91%
	100 Hz	0.19%	0.15%

Construction

Enclosure	79 litres, 15 mm birch plywood, internally braced
Finish	Textured black or white paint (custom colours on request)
Connectors	2 x speakON NL4MP and barrier strip
Fittings	12 x M10 flying inserts (portrait or landscape mounting) 2 x Integrip carrying handles

Physical

Dimensions HxWxD	300 mm x 725 mm x 450 mm, (11.8" x 28.5" x 17.7")
Packed quantity	1
Net weight	25.5 kg (56.3 lbs)
Shipped weight	29 kg (63.9 lbs)

Ordering Information

Part Number	Colour
8001 7110	Black
8001 7111	White



Notes:

1. Average over stated bandwidth, measured at 1 metre on axis.
2. Unweighted pink noise input, measured at 1 metre in half space.

A full range of measurements, performance data, and Ease™ Data can be downloaded from www.tannoy.com/pro

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