

SELECT PLATINUM F6/B6

2-Way Bookshelf and 3-Way Floorstanding
6.5" HiFi Loudspeakers

Introduction

Thank you for selecting Tannoy loudspeakers, developed in the UK by our dedicated team of design engineers. These speakers are the choice of discriminating music lovers the world over. Musical excellence is designed into our loudspeakers from the start. Careful selection of the very best components combined with strict quality control procedures in the production process ensures this level of excellence is maintained.

To gain maximum performance from your loudspeakers, please take time to read this document in full before installation.

Loudspeakers are electromechanical devices that 'run-in' through use; performance will therefore improve after an initial period of 24 hours use. Once they have been further run-in over a longer period, there will be clear enhancement of the stereo imaging, mid-band quality and bass performance characteristics.

We are confident that you will continue to enjoy your new Tannoy loudspeakers for many years to come.

Amplifier Choice

Consult the product specification page as this clearly shows the acceptable power range for amplifier matching to your speakers. The high peak power handling of Tannoy loudspeakers permits responsible use with more powerful amplifiers.

As with all loudspeaker systems, the power handling is a function of voice coil thermal capacity. Care should be taken to avoid overdriving any amplifier, as this will cause output overload resulting in 'clipping' or distortion within the output signal. This will cause damage to the speakers if done for any extended period.

Generally, an amplifier of higher power that is running hard, but free of distortion, will do less damage to the loudspeaker than a lower power amplifier continually clipping. Remember also that a high-powered amplifier running at less than 90% of output power generally sounds a great deal better than a lower powered example struggling to achieve 100%. An amplifier with insufficient drive capability will not allow the full performance of the loudspeakers to be realised.

Unpacking

To unpack the loudspeakers from their boxes remove tape from the top then fold the flaps right back before inverting the carton and contents. Lift the carton clear of the contents then remove all inner packaging. It is strongly recommended that you store all the packaging to allow protected transportation in future.

Installation

The F6 floorstanding model comes with rubber feet to minimize resonance and coloration. Ensure that the speaker is placed on level ground to prevent tipping.

The B6 bookshelf speakers should be located securely on stands or a shelf in an appropriate position to place the high frequency unit roughly at ear height when seated in the chosen listening position. Positioning recommendations for stand-mounted speakers can be found under the section entitled Positioning and Fine Tuning.

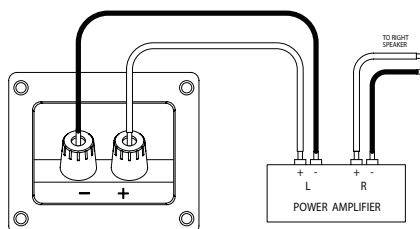
Connection

The positive (plus) terminal on the amplifier left channel (marked + or coloured red) must be connected to the positive HF terminal on the left speaker. The left speaker is the one on the left as you look at the stereo pair from your listening position.

The negative (minus) terminal on the amplifier left channel (marked - or coloured black) must be connected to the negative HF terminal on the left speaker.

Repeat this connection process for the right speaker. Remember that the positive (+ or red) on the amplifier must be connected to the positive (+ or red) on the speaker and the negative (- or black) to negative.

Select a signal source, such as a CD player; switch on the amplifier and slowly turn up the volume control to check that both loudspeakers are reproducing bass and treble information.



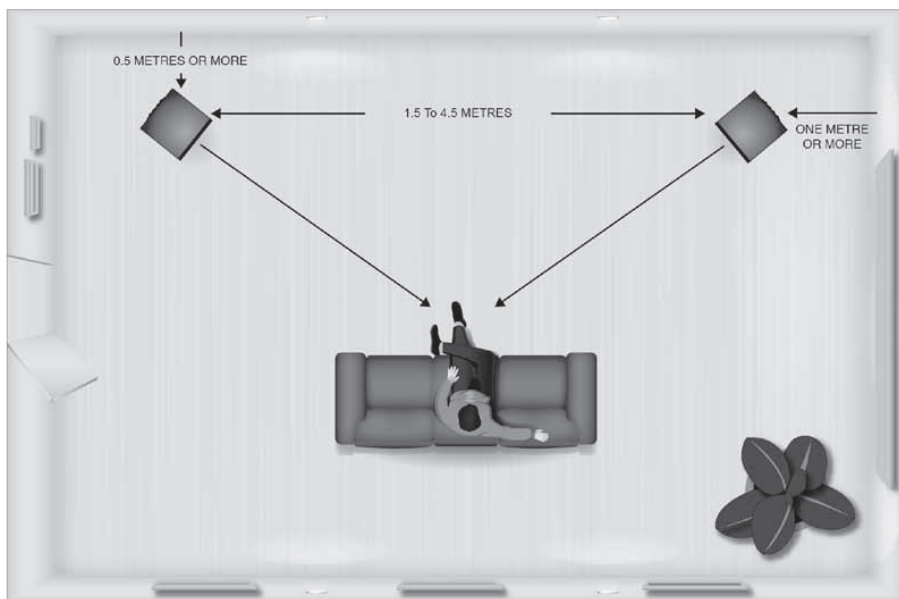
B6/F6 Single Wire Mode

Positioning and Fine Tuning

To get best results from your new Tannoy loudspeakers, it is worthwhile spending a little time finding the optimum setup configuration. Begin by angling the speakers towards your chosen listening position, usually this is on the centre line of the room, so that when seated you can just see the inner side panel of each speaker. The front of the loudspeaker should not be obstructed in any way.

The loudspeakers should be located between 1.5 to 4.5 metres (5 ft to 15 ft) apart - with the listening position set slightly further away than the speakers are apart. Avoid positioning the loudspeakers in corners of the room, as this will have a negative effect on performance. For optimum performance, we would recommend ideally maintaining a distance of at least 0.5 metres (20 inches) from the rear wall, and 1 metre (39 inches) from the side. However, there is no absolute right or wrong as it is much down to personal preference and the differing sizes and acoustic properties of the listening environment. The speakers may be located close to the rear wall, in which case bass will be increased at the expense of definition, and stereo soundstaging will be compromised.





Specifications

F6-BU/WH/BL		B6-BU/WH/BL
System		
Frequency response	40 Hz – 20 kHz (-6 dB)	50 Hz – 20 kHz (-6 dB)
Recommended amplifier power	20 – 150 W	20 – 80 W
Power handling (IEC)	75 W continuous, 300 W peak	40 W continuous, 160 W peak
Sensitivity	87 dB (1 W @ 1 m)	86 dB (1 W @ 1 m)
Impedance	8 Ω	
Components		
Transducers	1 x 6.5" (165 mm) LF driver, paper cone 1 x 6.5" (165 mm) MF driver, paper cone 1 x 1" (25.4 mm) HF driver, silk dome diaphragm	1 x 6.5" (165 mm) LF driver, paper cone 1 x 1" (25.4 mm) HF driver, silk dome diaphragm
Crossover type	3 way	2 way
Crossover frequency	350 Hz and 2.5 kHz	2.5 kHz
Type	Hard wired passive, low loss	
Enclosure		
Type	Rear ported reflex	
Connectors	2 x 4 mm 24 ct Tannoy customized binding posts	
Dimensions HWD	1078 x 300 x 235 mm (42.4 x 11.8 x 9.3")	360 x 230 x 235 mm (14.1 x 9.1 x 9.3")
Net weight	17.1 kg (37.7 lbs)	6.6 kg (14.6 lbs)
Construction	19 mm (¾") MDF with plywood internal bracing, heavily damped	
Finish	Burgundy / white / black finish with high acoustic transparency zipper grille	
Accessories (not included)		
	Optional mounting stand	

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