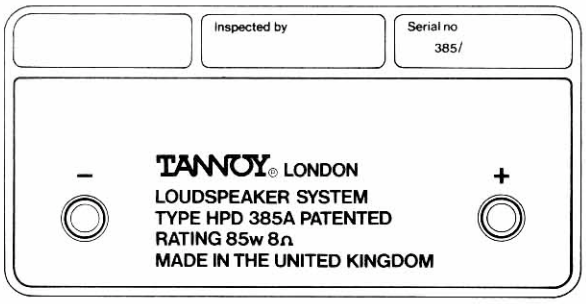


Phasing

When using two loudspeakers for stereo it is essential that consistent polarity is observed for both channels. This can be checked aurally by placing them side-by-side and listening to a monophonic signal with good bass content played through both left and right channels. If the phasing is correct the bass will be full and rich, whereas if it is incorrect there will be very little bass due to cancellation effects. Incorrect phasing can be rectified by reversing the connecting leads on ONE of the systems (at either the amplifier or loudspeaker terminals – but not both).

Important

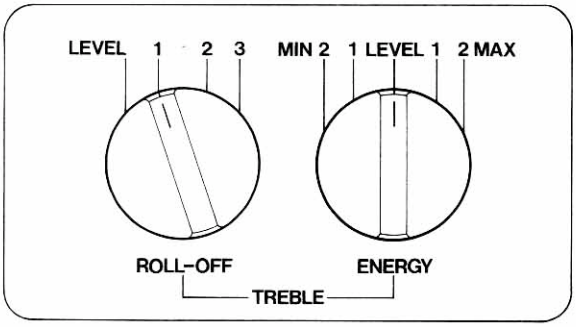
Care must be taken to ensure that the amplifier is switched off when connecting or disconnecting the loudspeakers. Failure to do so may seriously damage them and invalidate the Warranty.

System Location

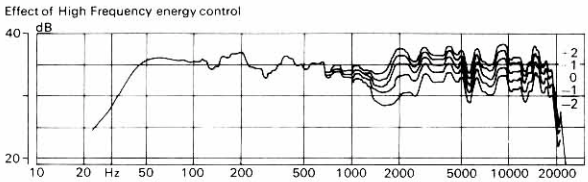
A pair of loudspeakers should be placed 7-14 feet (2-4 metres) apart so that the main listening position and the two loudspeakers form a triangle with approximately equal sides. To provide optimum stereo imaging over a fairly wide area, they should be angled slightly inwards so that their axes intersect at a point a few feet in front of the listening position.

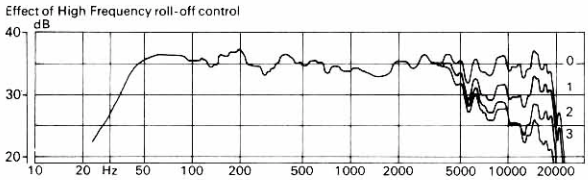
System Adjustment

Each system is provided with two controls labelled 'Roll-off' and 'Energy'. These controls can be used to compensate for the acoustic characteristics of the listening room and should be adjusted with amplifier controls in the 'flat' or uncompensated position. Each loudspeaker system should be adjusted individually. This is most easily done by rotating the amplifier Balance control to select the desired loudspeaker.



The 'Energy' control has five positions and enables the output of the high-frequency driver to be increased or decreased over its entire range from 1 KHz to 20 KHz. The 'Roll-off' control affects only the extreme high frequencies ,ie; those above 5 KHz.





The flattest response will be obtained with both controls set at the 'Level' position, which should be used for initial listening tests. If the overall high frequency sound quality seems too prominent, the −1 or −2 positions for the 'Energy' control should be tried. If the sound is subdued, +1 or +2 will be preferred. Once the 'Energy' setting has been established, the 'Roll-off' control can be adjusted to reduce extreme high-frequency content if necessary.

Warranty

Every Tannoy Loudspeaker System is guaranteed against any manufacturing defect in parts or workmanship for a period of five years. This warranty does not cover any defects or failures caused by abuse or improper operation ; such determination to be made at the sole discretion of Tannoy on the basis of physical inspection.