

TECHNICAL SPECIFICATIONS

	TS8	TS10	TS12
PERFORMANCE			
Output power	200W RMS	300W RMS	500W RMS
Low frequency response (-6dB)	32Hz	29Hz	26Hz
Limit for usable output	18Hz	16Hz	15Hz
Inputs	2 x line level phone 2 x XLR balanced	2 x line level phone 2 x XLR balanced	2 x line level phone 2 x XLR balanced
Outputs	2 x XLR balanced (direct or 80Hz HIPASS)	2 x XLR balanced (direct or 80Hz HIPASS)	2 x XLR balanced (direct or 80Hz HIPASS)
Input filter	2nd order low pass, 50Hz - 150Hz, -6dB	2nd order low pass, 50Hz - 150Hz, -6dB	2nd order low pass, 50Hz - 150Hz, -6dB
Auto mute	After approximately 12 mins. in absence of input signal	After approximately 12 mins. in absence of input signal	After approximately 12 mins. in absence of input signal
Driver type	200mm 8"	250mm 10"	300mm 12"
Enclosure type	Closed box	Closed box	Closed box
Enclosure Volume	12.5 litre / 0.45cu.ft	16.75 litre / 0.6cu.ft	22 litre / 0.78cu.ft
Additional features	Phase control Crossover defeat switch for LFE operation Soft limiting to avoid overload LF extension control	Phase control Crossover defeat switch for LFE operation Soft limiting to avoid overload LF extension control	Phase control Crossover defeat switch for LFE operation Soft limiting to avoid overload LF extension control
Enclosure (HxWxD) - including feet	292 x 280 x 255mm 11 ¹ / ₂ x 11 ¹ / ₂ x 10"	323 x 286 x 286mm 12 ¹ / ₁₆ x 11 ⁵ / ₁₆ x 11 ⁵ / ₁₆ "	372 x 335 x 335mm 14 ⁵ / ₈ x 13 ¹ / ₈ x 13 ¹ / ₈ "
Enclosure weight	7.0kg / 15.4 lbs	9.5kg / 21 lbs	12.5kg / 27.5 lbs
Mains voltage	120V nominal AC~, 60Hz 230V nominal AC~, 50Hz	120V nominal AC~, 60Hz 230V nominal AC~, 50Hz	120V nominal AC~, 60Hz 230V nominal AC~, 50Hz
Mains fuse	120V - T2AL / 250V 230V - T1AL / 250V	120V - T3. 15AL / 250V 230V - T1.6AL / 250V	120V - T5AL / 250V 230V - T2.5AL / 250V
Maximum power consumption	275VA	416VA	600VA



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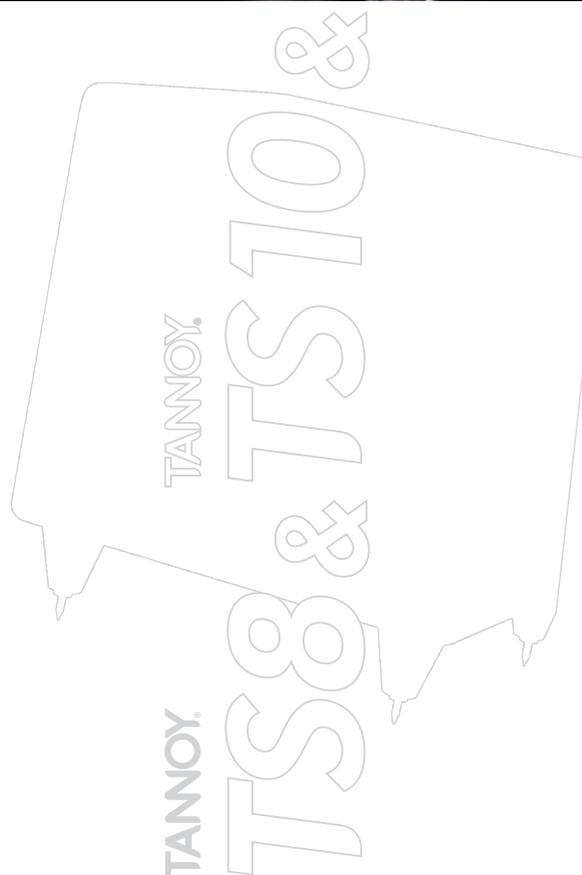
TANNOY TANNOY TANNOY TS8 & TS10 & TS12

Tannoy's TS range of active subwoofers, designed for studio monitoring and playback of multi channel recordings, offer incredibly compact designs without compromising their powerful and punchy dynamic bass performance.

An exceptionally sturdy and rigid cabinet is the basis of each of the three models, ensuring extraordinary control of the drive unit and minimising unwanted cabinet resonance. Each utilises a substantially built, down-firing drive unit with an oversized magnet system. The massive roll surround allows substantial cone excursion providing the necessary air movement to ensure very extended low frequency output; 26Hz (-6dB) in the case of the TS12 with usable output down as low as 15Hz.

Occupying less than a cubic foot of space including the cone-shaped spiked feet, the TS8 is ideally suited to small home studios, while the TS10 and 12 have the performance to deliver in professional postproduction and mastering facilities.

BASH[®] amplifier technology is utilised in these subwoofers; a patented high efficiency power amplifier circuit topology that has taken the best of Class D and Class AB and created a new Class of its own. The digital power amplifier with its patented switch mode power supply delivers exceptional performance and excellent bandwidth with long-term reliability. Very high-power amplifiers are fitted (200 / 300 and 500 Watts RMS to the TS 8 / TS10 and TS12 respectively) ensuring there is ample power to reproduce dynamic movie scores.



Achieving the optimum settings is easy; low frequency extension can be varied from around 60Hz down to the unit's lowest operating frequency via a control on the rear panel to allow the subwoofer to be adjusted to match the relative frequency in relation to the main monitor system of the main monitors. Versatile connectivity is offered through a selection of input and output sockets; stereo line level inputs can either utilise or bypass the system's internal crossover circuitry. XLR sockets are provided for direct connection to the mixing desk and output to active main speakers. The output can be selected as either a direct feed or switched to provide an 80Hz HIPASS function.

Other features include an auto power on and sleep function whereby the system will go into a 'stand-by' mode if no signal is detected for approximately 12 minutes. Soft-clip limiting is incorporated to limit the maximum sound output in order to eliminate audible distortion. Gain and phase controls are provided to allow easy adjustment for output level and precise matching with the room and the rest of the system.

The Tannoy TS range of subwoofers deliver a tightly controlled performance to faithfully reproduce the impact, punch and drive of the mix track.

TANNOY TS12

