

# TS2 Subwoofer Range



**TANNOY**

# COMPACT



# POWERFUL

## **Concept**

Designed to be the most potent affordable subwoofers on the market today, the new TS2 range draws on Tannoy's extensive professional touring and stadium loudspeaker experience. Each model deploys an extremely powerful class D bridge mode amplifier and two opposing drivers in a substantial double-thickness cabinet. With all-digital DSP engines to precisely control low frequency output, the new TS2 models deliver the deepest, tightest and loudest bass response in their class.

## **Drivers**

The TS2's double driver configuration dramatically increases cone surface area and reduces cabinet vibration. The result is a twin 10" driver subwoofer (TS2.10) offering similar cone surface area to single 15" unit, and a twin 12" driver model (TS2.12) with the same cone surface area as a subwoofer with a single 18" driver. This elegant solution ensures the TS2 subwoofers are compact enough for easy placement yet pack a punch much larger than their physical size. Each high-excursion driver uses a light yet stiff multi-fibre cone with butyl rubber roll surround to deliver lightning bass speed and low frequency depth.

## **Amplifiers**

Equipped with potent 300 W RMS (TS2.10) and monstrous 500 W RMS (TS2.12) class D bridge mode amplifiers, the TS2 subwoofers are bristling with power and technology. A Tri-State Pulse Width Modulated Digital Signal Processor is used to adjust crossover frequency, phase and gain control in the digital domain, eliminating analogue filter circuitry from the signal path. Each subwoofer delivers ultrafast bass and thunderous Low Frequency Effects right down to almost 20 Hz.

## **The beast, in designer clothes**

## **Cabinet**

The TS2 cabinets are built from heavyweight 25 mm MDF throughout, substantially reducing cabinet colouration and adding valuable extra mass for stabilisation. Tannoy's polymer cone feet, specially developed for the original TS series, are again used on the TS2.10 and TS2.12. Each cabinet is meticulously hand-finished in discreet satin vinyl or high-gloss paint polished to a mirror finish. A pair of full-width removable grilles is supplied for those wanting to keep the TS2's impressive twin drivers concealed.

# Technical Specifications



**TS2.10**

**TS2.12**

<b>Output power</b>	300 W RMS	500 W RMS
<b>Low frequency response (-6 dB)</b> (Typical in room)	24 Hz	21 Hz
<b>Inputs</b>	2 x phono line level, LFE or stereo	
<b>Outputs</b>	2 x phono line level, LFE or stereo	
<b>Input filter</b>	50 - 150 Hz, 2nd order low pass, with bypass provision	
<b>Driver type</b>	10" (250 mm) active & passive ABR 12" (300 mm) active & passive ABR	
<b>Enclosure type</b>	Closed box, side firing	
<b>Enclosure volume</b>	23.1 litre (0.82 cu. ft.)	37.5 litre (1.32 cu. ft.)
<b>Additional features</b>	Variable phase control 0 - 180 degrees Signal sensing or always on operation	
<b>Enclosure dimensions, (W x H x D)</b>	390 x 380 x 328 mm (15.4 x 15 x 13")	440 x 430 x 378 mm (17.4 x 17 x 14.9")
<b>Enclosure weight</b>	14.5 kg (31.9 lbs)	18.2 kg (40 lbs)
<b>Mains voltage</b>	100 - 120 V or 220 - 240 V switchable 50/60 Hz	100 - 240 V 50/60 Hz
<b>Finishes</b>	Dark grey vinyl High gloss black High gloss white	Dark grey vinyl High gloss black

