

TANNOY SYSTEM 600A NEARFIELD MONITOR



ACTIVE POINT SOURCE ACCURACY

The System 600A active monitor loudspeaker is part of the latest range of studio monitors from Tannoy, a company with an outstanding reputation in the professional audio world.

This new self contained loudspeaker combines a powerful amplifier with Tannoy's unique Dual Concentric™ Point Source driver technology. It provides the complete solution to active monitoring, yet is in the same price range as some passive speakers. Magnetic shielding allows use near video monitors. Although the System 600A is extremely compact, it has a very high SPL capability with extended low frequency response. This makes it a serious professional reference standard monitor with previously unrealised standards of sonic performance at this price.



Conventional monitor designs lock you into a tiny 'sweet spot' monitoring position. Move to adjust a fader and the sound changes. Not with the Tannoy System 600A – its Dual Concentric™ Point Source design creates a coherent wavefront that is consistent both on and off axis. The result is clear, natural sound giving you the freedom to work with dependable accuracy.

TECHNICAL SPECIFICATIONS

SYSTEM

Frequency response (1)	Free space setting	44 Hz – 20 kHz
	Half space setting	52 Hz – 20 kHz
Maximum SPL (<i>peak @ 1 m</i>)	107 dB SPL	
Maximum SPL at mix position (<i>1 pair driven</i>)	117 dB SPL	
Distortion	< 0.5%	
Dispersion (@ -6dB)	90 degrees (conical)	

ELECTRONIC SYSTEM

Input	10 k Ω balanced on combined XLR/jack connector	
Sensitivity	Adjustable, +4 dBu or -10 dBu	
Crossover frequency	1600 Hz	
Amplifier output power	LF channel (6 Ω load)	70 w rms
	HF channel (6 Ω load)	70 w rms
Output noise (<i>HF channel, 20Hz - 20 kHz unweighted</i>)	-80 dBV	
User controls and indicators	Input level, LF contour, HF contour (switches) Power ON/OFF switch, Power ON LED, mains voltage selector.	
Supply	Self-contained PSU with detachable mains power cord Mains voltage adjustable to 220-240V or 110-120V Fuse T1A/250V (220-240V range) or T2A/250V (110-120V range) Power consumption 10 to 220 VA	

CABINET

Drive unit	6.5" Tannoy Dual Concentric™ type 1678
Low frequency design	Bass-reflex load using flared port tubes, in 13 litres
Cabinet construction	MDF (36 mm) front and back panels, 19 mm high density particle board. Two panels fitted with magnetic shielding plates.
Cabinet finish	Spray 'F' Vinyl
Cabinet dimensions (HxWxD)	220 mm x 360 mm x 290 mm
Cabinet weight	9.5 kg

NOTES: (1) ± 3 dB, measured at 1m in anechoic chamber
(2) Long term power handling capacity as defined in EIA standard RS426A

Tannoy operates a policy of continuous research and development. The introduction of new materials or manufacturing methods will always equal or exceed the published specifications, which Tannoy reserves the right to alter without prior notice. Please verify the latest specifications when dealing with critical applications

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APPLICATIONS

Reference nearfield monitoring in:

- Recording studios
- Broadcast
- TV control rooms
- Video & film post production
- Location recording
- Mastering facilities
- Mobile recording studios

