

TANNOY SYSTEM 800A NEARFIELD MONITOR



ACTIVE POINT SOURCE ACCURACY

The System 800A nearfield monitor is part of the latest range of fully active Point Source studio loudspeakers from Tannoy. It combines the proven quality of the System 800 with two 90W amplifiers and fully optimised electronic crossover in a single compact package.

The accurate phase response achieved delivers a realistic soundstage along with a smooth and natural sound which is unfatiguing over long periods. The loudspeaker has excellent transient response and is capable of high sound pressure levels without compression.

The use of the latest materials and manufacturing techniques combined with Tannoy's unique Dual Concentric™ Point Source driver technology gives the system 800A the ability to exploit the full performance of today's analogue and digital recording equipment.



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 800A – 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	48 Hz – 20 kHz
Maximum SPL (<i>peak @ 1 m</i>)		110 dB SPL
Maximum SPL at mix position (<i>one pair driven</i>)		120 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) 90 w rms HF channel (6 Ω load) 90 w rms
Output noise (HF channel, 20Hz - 20 kHz unweighted)	-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 T1.25A/250V (220-240V range) or T2.5A/250V (110-120V range) Power consumption 10 to 280 VA

CABINET

Drive unit	8" Tannoy Dual Concentric type 2046
Low frequency design	Bass-reflex load using flared port tubes, in 21 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)	275 mm x 450 mm x 290 mm
Cabinet weight	13 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:

- Music studios
- Broadcast
- Post production
- Audio Visual
- Mobile recording
- Quality control

