



ST-300Mg SuperTweeter

**TANNOY**

# It's in the detail

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The new ST-300Mg SuperTweeter brings full-bandwidth High Resolution Audio to Tannoy's loudspeakers. Designed in subtle black to seamlessly integrate with any high fidelity loudspeaker system, each hand crafted ST-300Mg is capable of extending high frequency performance to 100 kHz as well as reducing phase errors and greatly improving transient performance within the accepted audio band. The result is a substantial upgrade in loudspeaker system performance, with enriched tonal accuracy of instruments, better musical articulation and breath-taking detail.

With a design inspired by Tannoy's desk-microphones from the 1950s, the ST-300Mg marries timeless styling with Tannoy's cutting edge audio technologies. Its custom-built high stiffness magnesium alloy dome is just 44 micron thick, providing remarkable HF extension and outstanding resolution. The precision voice coil and powerful neodymium magnet motor system draw heavily on the SuperTweeter design in the prestigious Tannoy Kingdom Royal loudspeaker, and boasts exceptional smoothness right up to its 700 Watt peak power handling.



Each ST-300Mg SuperTweeter is hand crafted in the UK with fastidious attention to detail and finish.

The ST-300Mg SuperTweeter crossover utilises air core inductors for outstanding HF linearity and non-inductive metal oxide film resistors on ceramic substrates. After extensive testing and auditioning, silver-plated, high-purity matched crystal OFC cable was chosen for all internal wiring, terminating in chunky gold plated binding posts for optimal signal transfer. Tannoy's innovative additional driver-grounding terminal can be connected to the amplifier ground to negate any information-masking caused by RF interference, resulting in a cleaner more open sound.

Each ST-300Mg SuperTweeter is hand crafted in the UK with fastidious attention to detail and finish. The metal driver housing can be adjusted vertically and an alignment gauge is supplied to achieve ideal on-axis response. High quality gold-plated taps are provided to adjust output sensitivity from 89 dB to 95 dB, and to select crossover point from 14 kHz to 18 kHz for best integration with the widest range of hi-fi loudspeakers. The intricately machined, satin black plinth and silver metalwork make the ST-300Mg SuperTweeter the ideal High Resolution Audio upgrade to any high fidelity loudspeaker system.



# Technical Specifications

## Performance

Recommended Amplifier Power	Up to 350 Watts RMS
Continuous Power Handling	175 Watts RMS 700 Watts peak
Minimum Sensitivity (2.83 V @ 1m)	95 dB
Nominal Impedance	8 Ohms
Frequency Response (-6 dB)	62 kHz, usable output (-18 dB) to 100 kHz

## Drive Units

Driver Type	25 mm diameter 44 micron magnesium alloy dome, with neodymium magnet system
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## Crossover

Crossover Type	3rd order high pass
Crossover Frequency	14, 16 or 18 kHz adjustable
Level Adjustment	89 dB, 90.5 dB, 92 dB, 93.5 dB, 95 dB

## Construction

Dimensions (H x W x D) (incl. terminals)	130.4 x 146.9 x 206.2 mm (5.1 x 5.8 x 8.1")
Finish	Satin black / Silver anodised machined aluminium

[tannoy.com](http://tannoy.com)

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