

Prestige SuperTweeter

TANNOY[®]



The Tannoy SuperTweeter provides an increased immediacy, airiness and impact making music more true to life



THE PRESTIGE RANGE





PRESTIGE ST200 SUPERTWEETER

The SuperTweeter is designed to provide the extended high frequency response demanded by modern programme material and sources. It not only resolves fine detail of high frequency notes but also effectively enhances the listening experience even at lower frequencies. Extending the frequency response by two octaves corrects time and phase response within the bandwidth of normal human hearing.

Music contains transient information and rich harmonics beyond the range of human hearing for pure tones. Even low frequency notes have leading edge transients reaching 30kHz. By operating between the roll-off point of your existing speakers and 54kHz, the SuperTweeter will accurately reproduce the leading edge of individual notes allowing the listener to experience the entire bandwidth information of

instruments. The SuperTweeter provides an increased immediacy, airiness and impact - making music sound more natural and true to life.

Although initially conceived to complement the current Tannoy Prestige HE range, from Stirling up to Westminster Royal, it will also find application with many earlier Tannoy classic designs; previous Prestige models, HPD, Monitor Gold or Monitor Silver for example. Adjustments are provided for crossover frequency and level.

The Tannoy Dual Concentric™ will still provide the heart of the musical information as a coherent point source. Extreme high frequencies can then be supplemented by the SuperTweeter to provide incredible wideband detail.

Features: High stiffness titanium dome to minimise effects of dome break-up and extend frequency response ● Copper clad aluminium voice coil on aluminium former for high power handling ● Neodymium magnet system also extends frequency response by minimising eddy current losses in voice coil ● Provision for driver magnet system earthing, to avoid interference and information masking caused by radio interference ● High purity (99.999%) solid silver internal wiring, PTFE coated dielectric ● Gold plated terminals, adjustment screws and circuit board for high signal transparency ● Radio Frequency quality inductors in crossover for excellent high frequency characteristics ● Non-Inductive Planar Thick Film resistors on ceramic substrates, to avoid loss associated with wirewound types ● High quality polycarbonate film capacitors, selected for superior high frequency performance

TECHNICAL SPECIFICATION

PERFORMANCE	
Recommended amplifier power	Up to 250 Watts
Power rating to DIN IEC 268	135 Watts RMS 550 Watts Peak
Maximum sensitivity (2.83v @ 1m)	95dB
Nominal impedance	8 ohms
Frequency response (-6dB)	To 54kHz, usable output (-18dB) to 100kHz
Driver type	25mm 25 micron titanium dome, 24 carat vapour deposited gold finish with neodymium magnet
Crossover type	3rd order compensated high pass
Crossover frequency	14, 16, or 18kHz adjustable
Level adjustment	89dB, 90.5dB, 92dB, 93.5dB, 95dB
Dimensions mm (inches)	150 (6) diameter
Weight kg (lbs)	6.5 (14.3)
Finish	Oiled solid Walnut

TANNOY
BREAKING SOUND BARRIERS

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