

TANNOY.

Definition

Art of Definition

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Gallery of
modern
art >



TANNOY



The art of sound: *communication at its purest, function and form in harmony. Definition by Tannoy embodies this art, redefining the loudspeaker. Rich, articulate and expressive in sound; elegant, contemporary and organic in style, Definition is beauty to be appreciated on every level.*

Definition distills and refines 80 years of Tannoy's audio heritage, technology, innovation and acoustic design into the company's most accurate, revealing and involving loudspeaker to date.

Remarkably cohesive across the widest range of program material, Definition captures the fundamental dynamics of the music with ease. From generating the power and passion of orchestral crescendos to communicating the timbre signature of a violin solo, Definition stimulates and inspires.

Combining the very latest Dual Concentric drivers, Deep Cryogenically Treated components and precious metal materials in an all-new cabinet crafted from the finest plywood, Definition pushes the boundaries of musical reproduction in the home; exceptional vocal imaging with point source accuracy, the ability to reveal the finest nuances of complex compositions and dynamic speed capable of reproducing the energy and attack of live music. Captivating, effortless and natural, Definition defines the art of sound.

The art of sound

Fluid lines, the highest quality fittings and an exquisite deep lustre finish mark Definition as one of the most aesthetically accomplished loudspeakers available today. Ambitious and contemporary, the precise curve on the extensively braced plywood cabinet is a result of extensive acoustic testing. This eliminates traditional loudspeaker colourations and enhances the speed and dynamic detailing of musical presentation. The result is a sumptuously curved form derived from precise acoustic function.

Incorporating textures, colours and finishes inspired by high-end furniture design, the seamless creative execution makes Definition the loudspeaker of choice for those who appreciate truly elegant design. The distinctive but meticulously integrated aluminium trim, discrete Tannoy branding and invisible magnetic grille fixings further enhance the clean architectural lines. Available in deep-lustre black, cherry or dark walnut real wood veneer, each Definition cabinet is hand-finished to the highest bespoke standards. Visually stunning and effortlessly sophisticated throughout, Definition stimulates the senses, defines the sound of art.

Definition of art









For over eight decades Tannoy's renowned expertise in loudspeaker technology and acoustic engineering has enthralled audiophiles and music lovers the world over. Distilled, refined and perfected for Definition, the series incorporates a wealth of high-tech features, innovative materials and cutting edge engineering to enhance the music experience.

Trapezoid cabinet with DMT™

The new curved cabinets are constructed from the finest grade plywood specifically chosen for its natural acoustic properties; manufactured from birch grown slowly in cold regions of the world and selected for its denser quality. The complex parabolic curve reduces resonances and internal reflections, improving mid-band clarity and greatly enhancing micro detailing. A special bracing mechanism, incorporating Tannoy's Differential Material Technology (DMT), rigidly couples the driver / enclosure interface, further improving Definition's accuracy in instrumental timbre.

Dual Concentric™ Drivers

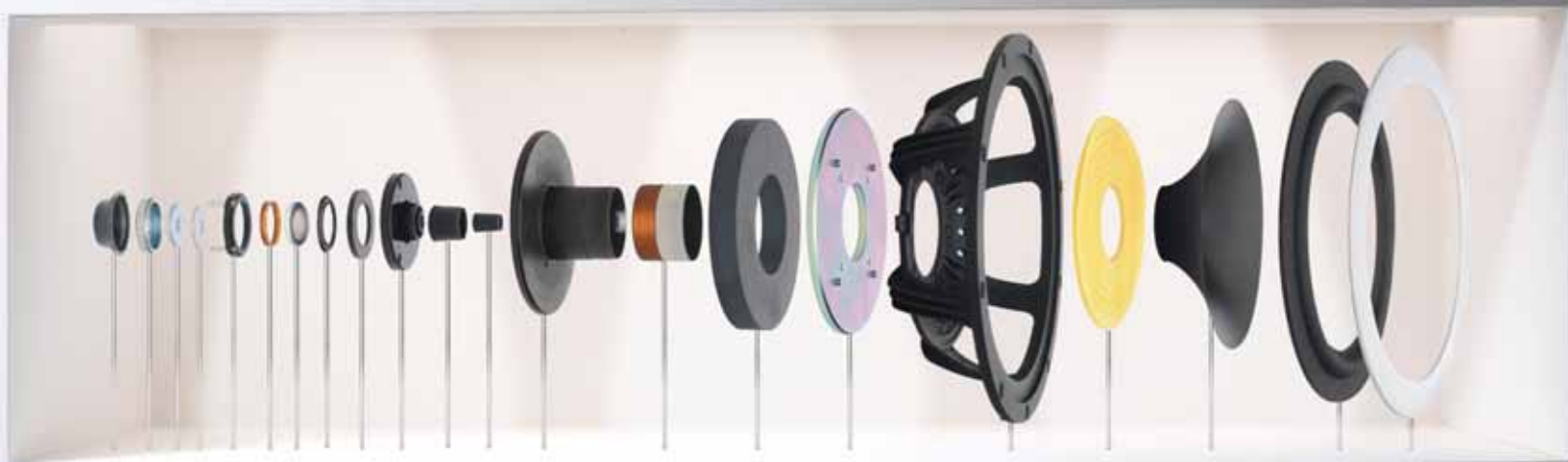
Definition's 200mm and 250mm Dual Concentric drive units are derived from Tannoy's distinguished, high-end Prestige series loudspeakers and incorporate features from Tannoy's highly acclaimed studio monitors. Positioning the tweeter at the centre of the rigid multi-fibre low frequency cone offers outstanding time coherence and true point source articulation with zero energy loss through the crossover region. With the superior dynamic drive and high power handling of this latest Dual Concentric driver, Definition encompasses Tannoy's most formidable proprietary technology to date.

WideBand™ Tweeter

Each Definition tweeter incorporates the very latest evolution of Tannoy's WideBand technology. The ultra-rigid titanium high frequency dome is driven by a pure neodymium magnet assembly that is firmly coupled to the rear acoustic cavity. Characterised by extremely low colouration and an even frequency response out to over 35kHz, Definition's WideBand Tweeter allows music to scale naturally into the room with exceptional detailing across a class-leading soundstage.

Sound of art





Audiophile Crossover

High-end components and a 'simple, straight' philosophy combine to create a crossover with an ultra-clean signal path. Low loss laminated core inductors ensure optimum low frequency performance while the high frequency network's audiophile-grade polypropylene capacitors are acoustically damped using the Tannoy DMT material. The Definition crossover sets the benchmark for signal integrity, reproducing music with all the articulation and intelligibility of the original performance.

Deep Cryogenic Treatment

The entire crossover assembly is subject to revolutionary Deep Cryogenic Treatment (DCT), achieving unparalleled gains in resolution and creating a more natural, cohesive sound. Using a proprietary process, the Definition crossover is super-cooled to minus 190 degrees Celsius and returned to room temperature over a controlled period. This permanently reduces internal stresses in the microstructure of the crossover components, leading to better signal transfer and superior resolution of fine detail.

Precious metal components

Silver-plated, high purity oxygen-free copper internal wiring is used exclusively throughout the Definition loudspeaker. The OFC cable offers substantial gains in signal transfer and the silver-plating affords unsurpassed high frequency signal transfer in the 'skin' region of each conductor. The substantial, WBT™ electro-plated brass speaker terminals ensure effective coupling and high current signal transfer from the widest range of external loudspeaker cables.

Bi-wire Terminals with Grounding

Tannoy's unique fifth speaker terminal electrically grounds the driver chassis, dramatically reducing radio frequency interference circulating in most hi-fi audio systems. Eliminating this RF 'noise' in Definition reaps considerable benefits in midrange clarity and further opens up the soundstage throughout the presence region for truly expressive music presentation.

Defining the art of sound

TANNOY



Definition







Specification



DC8



DC8 T



DC10 T

PERFORMANCE

Recommended amplifier power (Watts RMS)	30 – 175	30 – 200	30 – 250
Continuous power handling (Watts RMS)	87	100	125
Peak power handling (Watts)	350	400	500
Sensitivity (2.83 Volts @ 1m)	88dB	89dB	92dB
Nominal Impedance (Ohms)	8	8	8
Frequency response (-6dB)	42Hz – 35kHz	33Hz – 35kHz	30Hz – 35kHz
Dispersion (degrees conical)	90	90	90

DRIVE UNITS

Dual Concentric™ high frequency	25mm (1") Titanium dome with Tulip WaveGuide™	25mm (1") Titanium dome with Tulip WaveGuide™	25mm (1") Titanium dome with Tulip WaveGuide™
Dual Concentric™ low frequency	200mm (8") treated paper pulp cone with rubber surround. 44mm (1.75") edge wound voice coil	200mm (8") treated paper pulp cone with rubber surround. 44mm (1.75") edge wound voice coil	250mm (10") treated paper pulp cone with twin roll impregnated fabric surround. 44mm (1.75") edge wound voice coil
Bass Driver	-	200mm (8") treated paper pulp cone with rubber surround. 44mm (1.75") edge wound voice coil	250mm (10") treated paper pulp cone with twin roll impregnated fabric surround. 44mm (1.75") edge wound voice coil

CROSSOVER

Crossover frequency	1.5kHz	250Hz, 1.5kHz	200Hz, 1.4kHz
Crossover Type	Passive low loss 2nd order LF, 1st order HF Deep Cryogenically Treated	Passive low loss 2nd order LF, 1st order HF Deep Cryogenically Treated	Passive low loss 2nd order LF, 1st order HF Deep Cryogenically Treated

CONSTRUCTION

Enclosure type	Rear ported	Rear ported	Rear ported
Volume	19L (0.67 cu. ft.)	43L (1.52 cu. ft.)	76L (2.68 cu. ft.)
Dimensions (H x W x D) excl grille	470 x 271 x 260mm (18.5 x 10.7 x 10.2")	1025 x 271 x 260mm (40.4 x 10.7 x 10.2")	1125 x 339 x 320mm (44.3 x 13.4 x 12.6")
Weight	10kg (22.05lbs)	21kg (46.29lbs)	34.5kg (76.06lbs)
Finish	High gloss black High gloss cherry High gloss dark walnut	High gloss black High gloss cherry High gloss dark walnut	High gloss black High gloss cherry High gloss dark walnut

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