



Definition

TANNOY®

Definition

The Definition of sound has evolved. Tannoy's multiple award-winning range of contemporary loudspeakers continues to define the art of sound.

The very latest evolution of Tannoy's Dual Concentric™ drivers. Deep Cryogenically Treated audiophile components. Luxuriously finished hand-built cabinets. Tannoy's new Definition series continues to set the standard for contemporary loudspeaker design. Powerful, authoritative, articulate and capable of communicating the true energy and emotion of music. Each model offers exceptional stereo imaging with point-source accuracy, class-leading dynamics and the ability to reproduce the finest detail within the most complex material. From generating the scale of big orchestral scores to revealing the smallest instrumental inflections, the Definition range stimulates and inspires.

At the heart of the Definition series, Tannoy's Dual Concentric driver technology provides perfect sound reproduction. This innovative and world-renowned design places the tweeter in the throat of the mid-bass cone to create a cohesive point-source driver with precise phase coherence. Each hard-wired Definition crossover uses the finest audiophile components and, unique to Tannoy, is Deep Cryogenically Treated as a whole unit to further improve micro dynamic detailing. High purity silver-plated oxygen free copper cabling, high-end binding posts and Tannoy's fifth grounding terminal ensure the most detailed and fluid sound. Elegant lines, the highest quality fittings and an exquisite

deep lustre finish mark Definition as one of the most aesthetically accomplished loudspeakers available today. The curved cabinets are crafted from the finest ply-woods, veneered in real wood or vapour deposition painted, and deep lacquered to Tannoy's exacting standard. For the floorstanding models, new plinth assemblies are critical in acoustically stabilising the system while ensuring ease of set-up and levelling. Acoustically and aesthetically inspiring, the Definition loudspeaker series distils over 80 years of Tannoy's loudspeaker heritage and innovation, skilfully defining the art of sound.





TANVOY

Innovation, style and cutting-edge materials mark Definition as a truly contemporary loudspeaker series.

Dual Concentric Drivers

Tannoy's Dual Concentric drivers have been thrilling audiophiles for over 60 years, continuously evolving and improving with each new iteration. Positioning the tweeter at the centre of a light, rigid mid/bass cone offers outstanding time-coherence and true point-source articulation with zero energy loss through the crossover region. Definition tweeters use ultra-rigid titanium or aluminium-magnesium alloy diaphragms to deliver extremely low colouration, exceptional detail and incredibly natural vocal reproduction. For bass reproduction, new multi-fibre cone materials, innovative roll-surround construction and high-power ferrite or Alnico motors, ensure Definition loudspeakers deliver outstanding dynamic drive, unrivalled accuracy and high-power handling.

Stabilising plinths

Floorstanding Definition models, DC8Ti and DC10Ti, now benefit from a completely redesigned plinth assembly with easy-levelling floor coupling spikes. Constructed to visually flow with the lines of the cabinet, each plinth incorporates an integrated energy-grounding stabiliser weight that substantially enhances performance throughout the bass region. The Alnico powered Definition DC10A model is supplied with a massive aluminium plinth. Created specifically for this model, the heavy metal construction gives exceptional acoustic rigidity and physical stability to this large cabinet loudspeaker. All Definition plinths feature large, top-adjustable floor spikes with locking thumbwheels.

Curved, plywood cabinet

Setting the standard for design, construction and finish, Definition uses the finest grade ply-wood specifically chosen for its natural acoustic properties. The complex parabolic curves reduce internal reflections, improving mid-band clarity and enhancing detail. A special bracing system and use of Tannoy's Differential Material Technology (DMT) on the driver/enclosure interface, further improves musical articulation. On the outside the contemporary aesthetic integrates brushed aluminium driver trim and discrete Tannoy branding to complement the clean architectural lines. Available in deep-lustre black, high-gloss lacquered cherry or walnut real wood veneer, each Definition cabinet is hand-finished to the highest standards.



Crossover with DCT

New Definition crossovers continue Tannoy's 'simple, straight' philosophy for an ultra-clean signal path. Low loss laminated core inductors ensure optimum LF performance while the HF network's audiophile-grade polypropylene capacitors are acoustically damped using the Tannoy Differential Material Technology (DMT) compound. The entire crossover assembly is subject to revolutionary Deep Cryogenic Treatment (DCT) to relieve stresses in the crystal micro-structure of the circuit. The process achieves unparalleled gains in resolution, creating a more natural, cohesive sound. The new Definition crossover sets the bench-mark for signal integrity, reproducing music with all the articulation and intelligibility of the original performance.

Cable and terminals

Setting the standard for design and construction, all Definition models benefit from silver-plated, high purity oxygen-free copper internal wiring throughout. The OFC copper offers substantial gains in signal transfer and the silver-plating affords unsurpassed HF signal transfer. Substantial WBT electro-plated brass terminals ensure effective coupling and high current signal transfer from the widest range of external loudspeaker cables. Tannoy's unique fifth speaker terminal electrically grounds the driver chassis, reducing potential sound degradation from radio frequency interference. Eliminating potential RF 'noise' enhances midrange clarity and allows Definition to deliver an even more expressive musical presentation.

Definition pushes
the boundaries,
redefines the
state of the art
and delivers
breath-taking
music realism.



Definition DC10A

The flagship of the Definition range, the Definition DC10A, is a loudspeaker of pure refinement that embodies Tannoy's core tenets of musical reproduction: A single point source Alnico Dual Concentric driver, straight path fully Deep Cryogenically Treated crossover and Tannoy's signature birch-ply cabinet construction. With outstanding attention to detail throughout, the DC10A delivers the engaging and articulate sound of Tannoy's classic Prestige models with the luxurious contemporary style of the Definition series. The Definition DC10A is a thoroughly modern loudspeaker, hand built by Tannoy's finest artisans and rich with traditional values.

The DC10A's newly developed 10" Dual Concentric driver is powered by Alcomax 3 Alnico magnets, employed for their high power and ability to deliver a natural and inherently coherent sound. A new cone material has been developed specifically for the DC10A, featuring a rigid multi-fibre pulp material with an impregnated fabric dual roll surround to realise the very best from the Alnico magnet system. The DC10A's bespoke HF unit uses a compression loaded 2" (51 mm) aluminium-magnesium alloy dome and is fitted with Tannoy's famous Pepperpot™ WaveGuide. Building on the success of larger Definition cabinets, the DC10A

uses a massive 103 litre enclosure constructed from birch wood ply. Sourcing timber from cooler regions, where tree growth is slow and the wood denser, enhances the acoustic properties of the ply. A Mass Loading Cavity (MLC) is incorporated into the base section of the cabinet allowing users to fine tune LF reproduction to their room. The substantial, bespoke aluminium plinth, with convenient top adjustable spikes, effectively grounds the loudspeaker system. Finished with the contemporary flair and immaculate detailing applied across the Definition range, the DC10A is as visually stunning as it is musically engaging.







Alnico Magnet System

Alnico, an alloy of iron, aluminium, nickel and cobalt, is used for high-end loudspeakers and is the material of choice of many musicians for their guitar amplifiers, pick-ups and microphones. With an extremely powerfully magnetic flux, conductive structure and exceptional stability over time, the DC10A's Alcomax 3 magnet system ensures a fluid and eminently musical sound.

Stabilising Plinth

The bespoke DC10A plinth stabilises and grounds the loudspeaker system for improved LF control, while offering easy set-up and levelling. Two substantial milled aluminium plates are securely coupled to the loudspeaker with heavy-duty machine-bolts. Precision engineered top-adjustable floor spikes are fitted with large thumbwheels for easy locking into position.

Mass Loading Cavity

The large volume DC10A cabinets have been engineered to include a Mass Loading Cavity (MLC) in the lower section. Gas sealed from the main enclosure, the MLC can be filled or part-filled with a range of particle ballast materials to further tighten LF response and enhance subtle nuances in the articulation of bass instruments.

Defining Home Theatre

For the ultimate in home theatre sound, Tannoy Definition captures the fundamental dynamics of movies with ease yet majors on revealing the finest details and effects. Combining the very latest Dual Concentric drivers, Deep Cryogenically Treated components and precious metal materials in a cabinet crafted from the finest ply-woods, Definition pushes the boundaries of sound reproduction in the home. High-power, high-efficiency design with class-leading dynamics ensures adrenaline-charged movie reproduction whatever combination of Definition models you chose. Tannoy's innovative point-source driver technology delivers precision placement of special effects like no other loudspeaker on the market today.

The Definition DC6 LCR is a powerful yet compact dedicated centre-channel loudspeaker capable of delivering all of the dramatic scale and sonic articulation synonymous with the Definition range. The elegant horizontal plywood cabinet matches the sumptuous and contemporary Definition style while remaining compact enough to fit under large screen TVs or projector screens on its supplied plinth. Drawing on Definition's key attributes, the DC6 LCR offers a wealth of cutting edge technology and features including a Deep Cryogenically Treated crossover, silver plated OFC cabling and Tannoy's unique fifth WBT binding post terminal for driver chassis grounding.

At the heart of the DC6 LCR is a new 6" (150 mm) version of the Definition Dual Concentric driver, featuring a titanium WideBand™ tweeter with a potent neodymium motor. To deliver the same seamless power and performance of the larger floor standing Definition models the DC6 LCR adds a 6" (150 mm) auxiliary mid-bass driver with a powerful ferrite motor and a matching 6" auxiliary bass radiator for full home theatre thunder. Precisely timbre matched to the key DC8 / DC8 Ti / DC10 Ti models in the Definition range, the DC6 LCR offers a seamless and cohesive surround sound experience as part of a Definition home theatre system.



Home cinema thunder, delicate atmospheric detailing, pin-point placement of effects; Definition Home Theatre brings commercial scale cinema sound to your living room.

Tannoy's Definition Dual Concentric driver technology is the perfect movie partner. The high efficiency, true point-source design delivers exceptional clarity and articulation of dialogue, outstanding imaging and breath-taking dynamics. Definition redefines home theatre.







A true no-compromise design, the Definition Subwoofer takes bass reproduction to new levels of depth, attack and power.

The Definition Subwoofer shares the same purity of purpose and contemporary design that embodies all Definition series loudspeakers. Seamlessly blending power and passion with detail and control, the Definition Subwoofer delivers incredibly smooth LF extension with music and thunderous Low Frequency Effects with movies. A design of simplicity and refined power, a 1 kW amplifier drives an opposing pair of 12" (300 mm) long throw metal-cone drivers in a substantial sealed cabinet, finely constructed from 25 mm thick birch-ply laminate. Stereo RCA phono and balanced XLR inputs offer flexible connection options and user controls are simply accessed from a multifunction controller and LCD display on the front panel.

In keeping with Tannoy's pursuit of excellence through innovation and technology, the Definition Subwoofer's amplifier module is controlled by a powerful Digital Signal Processing (DSP) engine. This keeps user adjustments entirely in the digital domain for the most accurate set-up and LF response. Each Definition Subwoofer is hand finished in a choice of black or real wood veneers to match the Definition loudspeaker range, and is fitted with CNC machined aluminium feet for optimum stability. Capable of delivering rich, articulate bass to below 20 Hz with outstanding transient response, the Definition Subwoofer is the perfect partner for any Definition loudspeaker system.

Specifications



PERFORMANCE

Recommended amplifier power (watt RMS)

Continuous power handling (watt)

Peak power handling (watt)

Sensitivity (2.83 volt @ 1 m)

Nominal impedance (ohm)

Frequency response (-6 dB)

Dispersion (degrees conical)

DRIVE UNITS

Dual Concentric High frequency

Dual Concentric Low frequency

Bass Driver

CROSSOVER

Crossover frequency

Crossover Type

CONSTRUCTION

Enclosure type

Volume

Dimensions (H x W x D)
excl grille

Weight

Finish

DC8

DC8 Ti

DC10 Ti

DC10 A

30 - 175

87

350

88 dB

8

42 Hz - 35 kHz

90

25 mm (1") Titanium dome with Tulip™ WaveGuide

200 mm (8") treated paper pulp cone with rubber surround.
44 mm (1.75") edge wound voice coil

-
-
-

1.5 kHz

Passive low loss
2nd order LF, 1st order HF
Deep Cryogenically Treated

Rear ported

19 l (0.67 cu. ft.)

470 x 271 x 260 mm
(18.5 x 10.7 x 10.2")

10 kg (22.05 lbs)

High gloss black
High gloss cherry
High gloss dark walnut

30 - 200

100

400

89 dB

8

33 Hz - 35 kHz

90

25 mm (1") Titanium dome with Tulip WaveGuide

200mm (8") treated paper pulp cone with rubber surround.
44 mm (1.75") edge wound voice coil

200 mm (8") treated paper pulp cone with rubber surround.
44 mm (1.75") edge wound voice coil

250 Hz, 1.5 kHz

Passive low loss
2nd order LF, 1st order HF
Deep Cryogenically Treated

Rear ported

43 l (1.52 cu. ft.)

1025 x 271 x 260 mm
(40.4 x 10.7 x 10.2")

21 kg (46.29 lbs)

High gloss black
High gloss cherry
High gloss dark walnut

30 - 250

125

500

92 dB

8

30 Hz - 35 kHz

90

25 mm (1") Titanium dome with Tulip WaveGuide

250 mm (10") treated paper pulp cone with twin roll impregnated fabric surround.
44 mm (1.75") edge wound voice coil

250 mm (10") treated paper pulp cone with twin roll impregnated fabric surround.
44 mm (1.75") edge wound voice coil

200 Hz, 1.4 kHz

Passive low loss
2nd order LF, 1st order HF
Deep Cryogenically Treated

Rear ported

76 l (2.68 cu. ft.)

1125 x 339 x 320 mm
(44.3 x 13.4 x 12.6")

40.5 kg (89.29lbs)

High gloss black
High gloss cherry
High gloss dark walnut

30 - 300

150

600

93 dB

8

28 Hz - 22 kHz

90

51 mm (2") Aluminium alloy dome
Alnico magnet system with Pepperpot Waveguide

250 mm (10") treated paper pulp cone with twin roll impregnated fabric surround.
52 mm (2") edge wound voice coil.
Alnico magnet system

-
-
-

1.1 kHz

Bi-wired hard wired passive low loss. 2nd order LF, 2nd order compensated HF.
Deep Cryogenically Treated

Twin Rear ported

103 l (3.64 cu. ft.)

1135 x 345 x 438 mm
(44.69 x 13.58 x 17.24")

42.7 kg (94.1 lbs)

High gloss black
High gloss cherry
High gloss dark walnut

PERFORMANCE

Recommended amplifier power (watt RMS)

Continuous power handling (watt)

Peak power handling (watt)

Sensitivity (2.83 volt @ 1m)

Nominal impedance (ohm)

Frequency response (-6 dB)

Dispersion (degrees conical)

DRIVE UNITS

Dual Concentric High frequency

Dual Concentric Low frequency

Bass Driver

Passive Radiator

Magnetic Screening

CROSSOVER

Crossover frequency

Crossover Type

CONSTRUCTION

Enclosure type

Volume

Dimensions (H x W x D)
excl grille

Weight

Finish

DC6 LCR

20 - 175

87

350

89 dB

8

35 Hz - 35 kHz

90

25 mm (1") Titanium dome with
Tulip WaveGuide

150 mm (6") treated paper
pulp cone with rubber surround.
44 mm (1.75") edge wound voice coil

150 mm (6") treated paper
pulp cone with rubber surround.
44 mm (1.75") edge wound voice coil

150 mm (6") treated paper
pulp cone with rubber surround.

Yes

1.7 kHz

Passive low loss
2nd order LF, 1st order HF
Deep Cryogenically Treated

Passive Radiator ported

19.7 l (0.63 cu. ft.)

226 x 600 x 285 mm
(8.90 x 23.62 x 8.46")

11.9 kg (26.2 lbs)

High gloss black
High gloss cherry
High gloss dark walnut



PERFORMANCE

Output power

Low frequency response (-6 dB)
(Typical in a room)

Inputs

Input Sensitivity (full power)

Input impedance

High-pass outputs

Input filter

Auto mute

Drive type

Mains voltage

Standby power consumption

Additional features

CONSTRUCTION

Enclosure type

Volume

Dimensions (H x W x D)
Including feet, grilles & terminals

Weight

Finish

SUBWOOFER

1000 W RMS

19 Hz

2 x Phono line level, 2 x XLR balanced

0.3 / 0.6 V (switchable) @ 100 Hz

22 k ohm

2 x Phono line level, 2 x XLR balanced,
31 - 125 Hz, 2nd or 4th order high-pass

31 - 125 Hz, 2nd or 4th order-low pass,
with LFE provision

After delay or permanently on
(switchable)

2 x 300 mm (12") High Excursion.
Aluminium cone, side firing
50 mm (2") voice coil, field stabilised
Ferrite Motor System

230 V or 115 V (nominal), factory set,
50 - 60 Hz

< 0.5 W (EuP Compliant)

3 x User defined presets
Variable phase control, 0 - 180 degrees
Parametric Equaliser x 2,
-12/ +3 dB Range, 31-125 Hz, Q=2-14.4

Closed Box

94 l (3.32 cu. ft.)

514 x 562 x 493 mm
(20.24 x 22.13 x 19.41")

38.5 kg (84.9 lbs)

High gloss black
High gloss cherry
High gloss dark walnut



