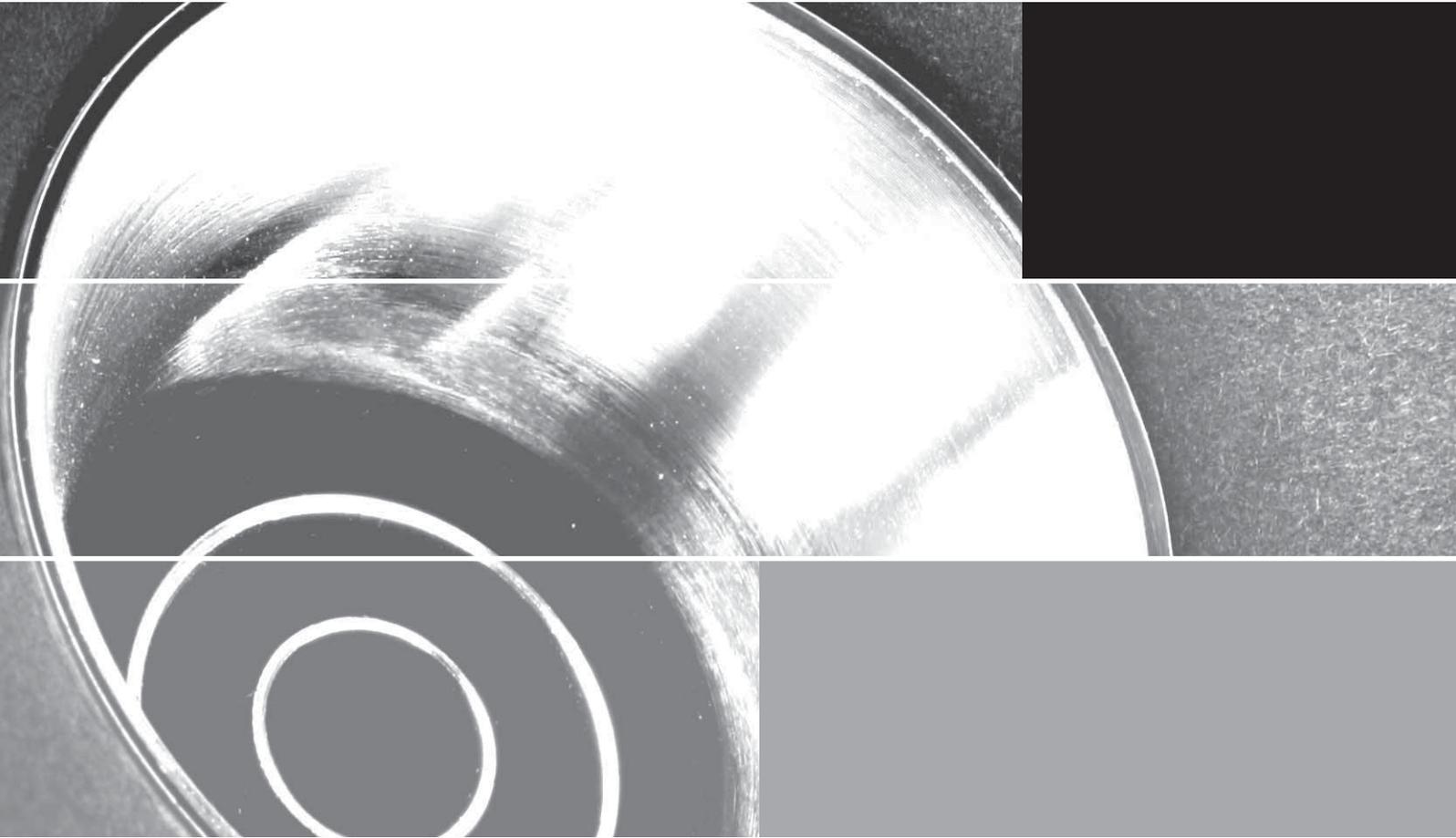


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TANNOY®



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PROFESSIONAL_06

Cutting edge acoustic technologies, including Dual Concentric™ and ICT™ point source drive units, combine with advanced system design and networking expertise to deliver the best acoustic solution possible to a vast array of prestige installations around the world. Sound reinforcement, surface mount, in ceiling or in wall – a speaker for all applications.

RESIDENTIAL_44

Discerning music and movie lovers all over the world choose Tannoy's technically advanced home theatre and hi-fi loudspeakers for their accuracy, clarity and expansive imaging. From compact AV systems to stylish, premium performance home theatre and audiophile stereo speakers to custom install, Tannoy leads the way.

STUDIO_90

For almost six decades Tannoy has helped recording engineers and producers create historic music. Engineered to the highest sonic standards, Tannoy reference monitors address the exacting needs of amateur and professional recording facilities worldwide.

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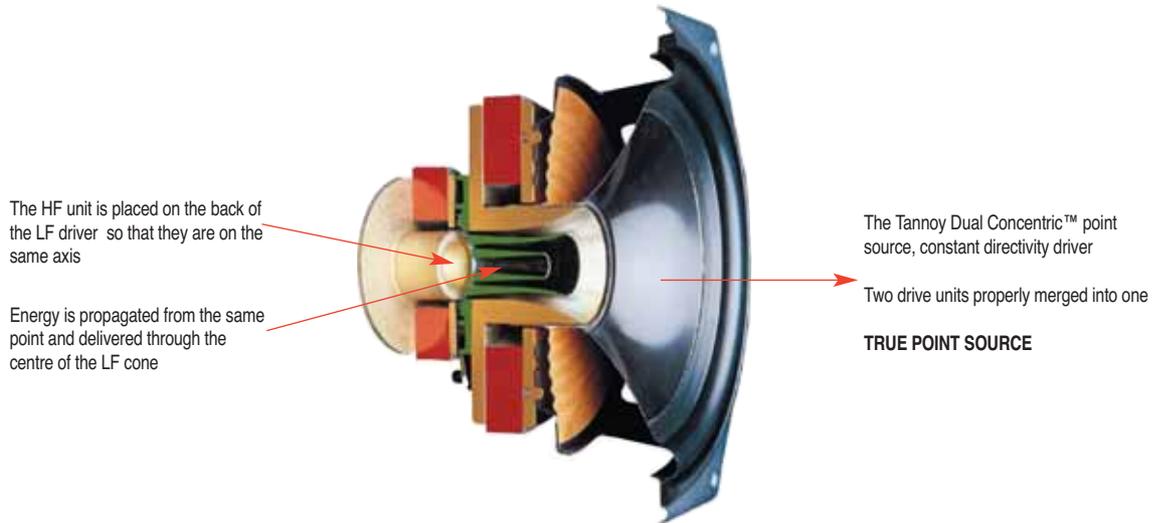
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DUAL™ CONCENTRIC THE ORIGINAL POINT SOURCE

Unlike ordinary drive units, the Dual Concentric™ is effectively two drivers properly merged into one, where the high-frequency unit is positioned on the back of the low frequency driver to ensure that they are on the same acoustic axis. With this system the sound energy is propagated from the same point and delivered through the centre of the low frequency cone – a true point source.

THE DUAL CONCENTRIC™ DRIVER EXHIBITS BETTER HARMONIC ALIGNMENT, THE EFFECT OF WHICH IS TO DELIVER A MORE NATURAL SOUND WITH SUPERB TONAL BALANCE AND GREATER INTELLIGIBILITY.

Propagating a spherical wave front aligned on all three axes, Tannoy's point source driver delivers even dispersion into a wide listening field in both the horizontal and vertical planes. Optimal transient performance and sound quality is achieved by the integrated design approach of the Dual. An even response throughout the listening area and a constant time delay over the frequency spectrum provides exceptional off-axis performance.

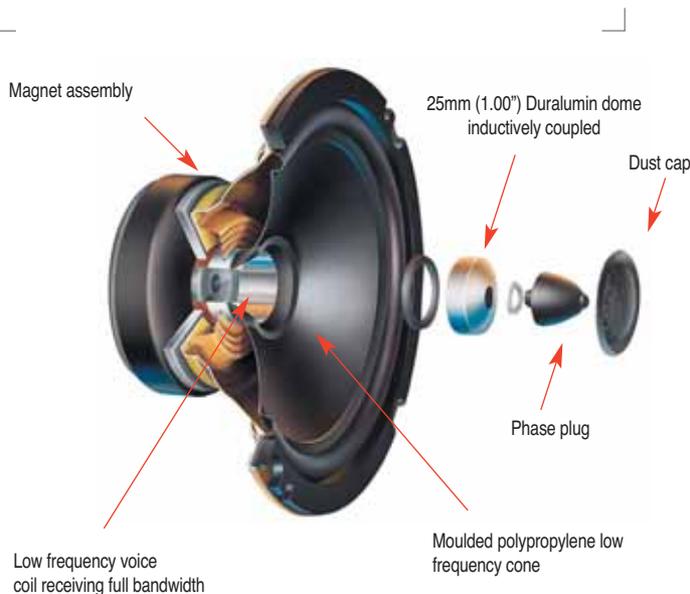
The controlled even dispersion and greater intelligibility of the Dual Concentric™ constant directivity drive unit ensures that the speaker output can be more accurately targeted to where it is needed, with the crucial acoustic benefits of the design being a more natural and cleaner sound, greatly enhanced intelligibility and a very wide sweet-spot.



The point source configuration of the Tannoy ICT™ driver's mid-bass and tweeter sections ensures a wide and controlled dispersion for optimum coverage. By utilising a wireless electromagnetic tweeter that does not require a crossover and cannot be burned out from heavy or abusive use. This (Inductive Coupling Technology) drive unit also addresses the two most common component failures experienced in background music and sound reinforcement systems, the tweeter and the crossover reliability.

The use of an inductively coupled 25mm (1.00") Duralumin domed wireless electromagnetic tweeter means that no crossover is required in the design. The high frequency dome has a deep drawn skirt which sits on the inside of the low frequency voice coil in the same magnetic gap. Like a single shorted turn, it is induced with high frequency information generated by the low frequency voice coil, which is fed a full bandwidth signal.

THIS COMPACT DRIVE UNIT DESIGN IS SPECIFICALLY DESIGNED TO DELIVER A COMBINATION OF PREMIUM SONIC QUALITY FOR MUSIC AND SPEECH REINFORCEMENT AND EXCEPTIONAL RELIABILITY.





IN CEILING RANGE

Tannoy has long been associated with premium quality ceiling speakers, having been specified into a vast number of prestigious installations worldwide. The latest products incorporate new developments in acoustic and mechanical engineering to create a class leading range of ceiling speakers to fit all application requirements, while still setting the standard for audio performance at every level.

- Unique Tannoy drive unit technologies deliver point source constant directivity performance
- Blind mount (including back can) or pre-install (back can supplied as an option) configurations
- Separate back can available for PI models
- Quick and easy self aligning clamping mechanism
- Supplied with C ring and tile bridge
- Essential approval certification



CMS PI model



CMS PI back can



CMS BM model

The full line up of ceiling speakers offered satisfies an exceptionally broad range of applications. High quality, unobtrusive sound systems for commercial installations such as shopping malls, airports, hotels, leisure facilities, cruise ships, pubs, clubs, boardrooms, right through to residential custom installations for multi room systems or home theatre.

Tannoy Distributed Designer™

This is design verification software that enables system designers and specifiers to quickly and accurately lay out and confirm ceiling distributed speaker system designs using Tannoy™ speaker products. Download the latest version free of charge from www.tannoy.com



CVS RANGE

OVERVIEW_

The Tannoy CVS is a full bandwidth ceiling speaker system comprising of a mid bass driver with a coaxially mounted high frequency section in a vented, injection moulded, paintable front baffle manufactured from UV/weather resistant UL94V-0 ABS material.



DESCRIPTION_

CVS is supplied with an integral zinc-plated steel back can, with recessed termination box, the removable locking connector has screw terminals for secure wire termination and "loop through" facility. Strain relief is provided by a clamping mechanism for use with plenum rated cable or conduit. Security toggle clamps make for quick and easy installation, while two tile support rails and one C-ring are also included in the package. A plaster (mud) ring is available as an optional accessory. The CVS models are equipped with a low insertion loss line transformer with a front baffle mounted rotary tapping switch.

TECH BRIEF_

CVS 4_

CVS 6_

Driver type	Coaxial	Coaxial
HF	19mm (0.75")	19mm (0.75")
Mid / LF	100mm (4.00")	165mm (6.50")
Frequency range⁽¹⁾ (-10dB)	77Hz – 22kHz	60Hz – 24kHz
Sensitivity⁽²⁾	87dB (2.83V @ 8 Ohms)	91dB (2.83V @ 8 Ohms)
Recommended amp power	80W	120W

CMS RANGE

OVERVIEW_

CMS speakers are full bandwidth; high power and high sensitivity ceiling monitor systems, comprising either an ICT™ or Dual Concentric™ point source transducer. Mounted in a vented, injection moulded, paintable front baffle manufactured from UV/weather resistant UL94V-0 ABS material, the configuration of these driver's mid-bass and tweeter sections ensures a wide and controlled dispersion for optimum coverage.



DESCRIPTION_

Suited to high-level music and speech reinforcement applications requiring exceptional sonic quality with uncompromised reliability, the CMS401 is specifically designed for fast, simple and cost effective installation in new and existing buildings. The driver pod unit can be entirely angled towards the listener within the fixed ceiling mounting ring; the challenge of difficult speaker placement, in less than perfect room configurations, is therefore eliminated by being able to discreetly pivot the loudspeaker towards the desired area of coverage.

Model options for CMS501 / 601 / 801

CMS BM (Blind Mount) - supplied with an integral back can. CMS PI (Pre-Install) - supplied without a back can. CMS PI back can (Pre-wire back can) - for use with the CMS PI models.

TECH BRIEF_

401e_

401 DCe_

501_

501 DC_

Driver type	ICT™	Dual Concentric™	ICT™	Dual Concentric™
HF	Inductively coupled	19mm (0.75") titanium dome	Inductively coupled	25mm (1.00") titanium dome
Mid / LF	100mm (4.00")	100mm (4.00")	130mm (5.00")	130mm (5.00")
Frequency range⁽¹⁾ (-10dB)	80Hz – 24kHz	80Hz – 54kHz	74Hz – 24kHz inc back can	70Hz – 54kHz inc back can
Sensitivity⁽²⁾	88dB (2.83V @ 6 Ohms)	88dB (2.83V @ 8 Ohms)	89dB (2.83V @ 6 Ohms)	89dB (2.83V @ 8 Ohms)
Recommended amp power	100W	120W	100W	120W

OVERVIEW_

As with the 100mm (4.00") and 130mm (5.00") models, the CMS601, 601DC and 801DC are mounted in a vented, injection moulded, paintable front baffle manufactured from UV/weather resistant UL94V-0 ABS material. The CMS12 TDC is a large format unit capable of high SPL, superior vocal articulation and musicality.



DESCRIPTION_

These compact units are specifically designed for applications requiring the combination of premium sonic quality for music and speech reinforcement and exceptional reliability. The CMS range is equipped with a low insertion loss line transformer easily configurable via front baffle mounted rotary tapping switch.

Blind mount and pre-install versions of the CMS601 and 801 models are available, as well as a separate back can to satisfy the vast majority of installation application requirements. Spring loaded self-aligning clamps make for quick and easy installation, while all models are also supplied with two tile support rails and one C-ring included in the package. A plaster (mud) ring is available as an optional accessory.

The CMS12 TDC can used with either of the TEQ1200 or 1200T (inc transformer) optimally tuned back boxes.

TECH BRIEF_	601_	601 DC_	801 DC_	12 TDC_
Driver type	ICT™	Dual Concentric™	Dual Concentric™	Dual Concentric™
HF	Inductively coupled	25mm (1.00") titanium dome	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Mid / LF	165mm (6.50")	165mm (6.50")	200mm (8.00")	300mm (12.00")
Frequency range⁽¹⁾ (-10dB)	51Hz – 24kHz (inc back can)	50Hz – 30kHz (inc back can)	40Hz – 35kHz (inc back can)	50Hz – 20kHz (inc back can)
Sensitivity⁽²⁾	91dB (2.83V @ 6 Ohms)	91dB (2.83V @ 8 Ohms)	92dB (2.83V @ 8 Ohms)	100dB half space (2.83V @ 8 Ohms)
Recommended amp power	120W	160W	80W	400W

OVERVIEW_

The Tannoy CMS801 subwoofer is a compact unit is specifically designed to complement the full range CMS ceiling monitor systems; delivering low frequency extension into applications that require a combination of premium sonic quality and output level for music and speech reinforcement.



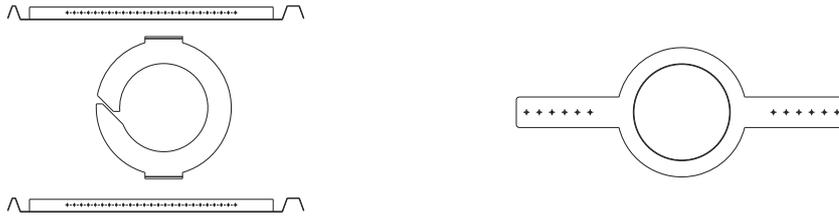
DESCRIPTION_

The 200mm (8.00") driver, with long throw multi fibre paper pulp cone, and a 2nd order 160Hz passive crossover are mounted in a vented, injection moulded, paintable front baffle manufactured from UV/weather resistant UL94V-0 ABS material. Two CMS801 subwoofer model versions and a separate back can are available to satisfy the vast majority of installation application requirements; PI (pre-install) with no back can and BM (blind mount) with a fully integrated steel back can including transformer. For the PI model an accessory transformer is available, but the recommended option is the accessory PI back can with fitted transformer.

Spring loaded self-aligning clamps make for quick and easy installation, while all models are also supplied with two tile support rails and one C-ring included in the package. A plaster (mud) ring is available as an optional accessory.

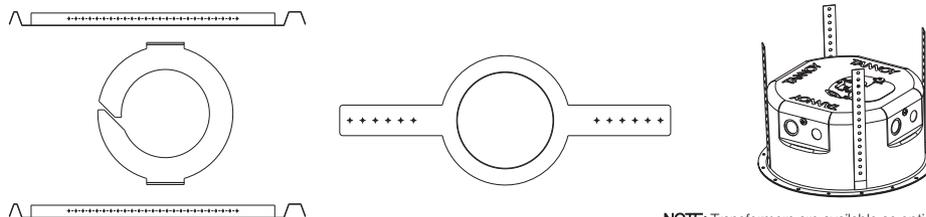
TECH BRIEF_	801 sub_
Driver	200mm (8.00") long throw multi fibre paper pulp
Frequency range⁽¹⁾ (-10dB)	42Hz – 300Hz
Recommended amp power	200W @ 6 Ohms
Rated Max SPL⁽²⁾	112dB (average) 118dB (peak)
with THP60 transformer	110dB (average)
Sensitivity⁽²⁾	92dB (2.45V @ 6 Ohms)
Impedance	6 Ohms
Recommended amp power	200W

CVS HARDWARE



CVS RANGE	SUPPLIED ACCESSORIES	OPTIONAL ACCESSORIES
	C-RING AND TILE BRIDGE	PLASTER (MUD) RING
CVS 4	•	•
CVS 6	•	•

CMS HARDWARE



NOTE: Transformers are available as optional accessories for CMS PI models for the occasions where a back can is not to be used in an installation.

CMS RANGE	SUPPLIED ACCESSORIES	OPTIONAL ACCESSORIES	
	C-RING AND TILE BRIDGE	PLASTER (MUD) RING	BACK CAN
CMS401e	•	•	
CMS401 DC e	•	•	
CMS501 PI	•	•	•
CMS501 BM	•	•	
CMS501 DC PI	•	•	•
CMS501 DC BM	•	•	
CMS601 PI	•	•	•
CMS601 BM	•	•	
CMS601 DC PI	•	•	•
CMS601 DC BM	•	•	
CMS801 DC PI	•	•	•
CMS801 DC BM	•	•	
CMS801 sub PI	•	•	•
CMS801 sub BM	•	•	
CMS12 TDC		•	•

OVERVIEW

The IP5 Mirage is a flat panel that operates as a Distributed Mode Loudspeaker (DML), technology licenced from NXT™ that has created a flush mounted acoustic tile to fit into a standard suspended ceiling. The end result is a safe, reliable, natural sounding audio solution that blends seamlessly with its architectural surroundings.



DESCRIPTION

This technology has some unique benefits over all cone speakers; relating to the fundamental way in which sound waves from a distributed mode panel are propagated into the environment. The main benefits are extremely wide dispersion, where the sound reacts constructively with the room boundaries, and due to the random nature of radiation, resistance to microphone feedback. All this enables a single IP5 to cover large areas, especially in difficult acoustic environments.

The vibrating is constructed from aerospace materials to provide the best combination of stiffness, weight, and pure audio output. This is vibrated by four specially developed exciters to obtain the most natural sound and highest sound pressure levels. Two versions are available – the IP5 Mirage, designed for European ceiling tile grid applications, and the IP5 Mirage 2 x 2, sized for North American ceiling tile grids.

TECH BRIEF

IP5 MIRAGE

Driver type	NXT™ DML (Distributed Mode Loudspeaker)
Drivers	4 x 25mm (1.00") exciters
Frequency range⁽¹⁾ (+/-3dB)	75Hz – 16kHz (music) 150Hz – 16kHz (speech)
Sensitivity⁽²⁾ (2.83V @ 8 Ohms)	89dB
Recommended amp power	80W

OVERVIEW

The iC6 DC is a premium quality; compact and low profile ceiling monitor system based around a 165mm (6.50") point source, constant directivity Dual Concentric™ transducer. Combining a long throw, multi fibre, paper pulp bass cone, the reference quality studio monitor driver also delivers extended bandwidth with its high frequency section that utilises a 25-micron titanium dome and neodymium magnet system.



ACCESSORIES	SUPPLIED	OPTIONAL	
		BACK CAN	BACK CAN / TRANSFORMER
iC RANGE	C-RING	BACK CAN	BACK CAN / TRANSFORMER
iC6 DC	•	•	•

DESCRIPTION

The robust driver construction provides high power handling and the very wide bandwidth, ensuring exceptional intelligibility for music or speech with a smooth, uniform frequency response over a wide area of coverage. Based around a rigid moulded ABS baffle, with excellent structural integrity, the iC6DC uses an ultra-secure, polycarbonate, three-clamp, self-aligning mounting system to ensure a performance enhancing rigid acoustic coupling with the ceiling surface.

A metal 'C-ring' is supplied as standard to enable a very high degree of integrity when fixing to various ceiling materials. An optional shallow back can is available to allow fitting in areas with restricted space whilst also ensuring optimum acoustic performance. The perforated metal grille and low profile mounting frame of the iC6 DC can be painted to blend in seamlessly with any type of décor.

TECH BRIEF

iC6 DC

Driver type	Dual Concentric™
HF	25mm (1.00") titanium dome
Mid / LF	165mm (6.50")
Frequency range⁽¹⁾ (-6dB)	36Hz – 36kHz
Sensitivity⁽²⁾ (2.83V @ 8 Ohms)	91dB
Recommended amp power	60W

CEILING SUBWOOFERS

OVERVIEW_

The UL and CSA approved Tannoy CMS110 TB Tile Bridge ceiling subwoofer is a 250mm (10.00") drive unit in a compact down-firing, vented cabinet capable of 31Hz @ -3dB (26Hz @ -10dB). Easy to install and with no special construction requirements, the CMS110 TB drops into a 2' x 2' ceiling tile space; integrating invisibly into the installation environment by using a standard air conditioning vent cover as a speaker grille.



DESCRIPTION_

The CMS110 TB features a resonance decoupling system and additionally each corner of the cabinet is fitted with a seismic tether point. The four corner flying points allow the unit to be flown in free space via a 3/8" threaded rod, a chain or aircraft cable. Fire rating is NFP-A Grade A.

Incorporating a 200mm x 250mm (8.00" x 10.00") input module located on the side of the cabinet, ensuring that controls are easily accessed by lifting the adjacent ceiling tile. The CMS110 TB can be ordered with a passive input module (110 TB-P) connected via barrier strip, or with a passive internal crossover (CMS110 TB-PX). Both passive modules can be powered by a THP 60 Watt / 70 Volt line transformer for distributed systems (CMS110 TB-P70V and CMS110 TB-PX70V).

TECH BRIEF_

CMS110 TB-P_

CMS110 TB-PX_

CMS110 TB-A_

Type	Passive	Internal passive crossover	Active
Enclosure type	Ceiling subwoofer – direct radiating	Ceiling subwoofer – direct radiating	Ceiling subwoofer – direct radiating
Frequency response (-10dB)⁽¹⁾	26Hz – 150Hz	26Hz – 150Hz	26Hz – 150Hz
Maximum SPL⁽²⁾	105dB (average) 111dB (peak)	105dB (average) 111dB (peak)	105dB (average) 111dB (peak)
Input	Passive - barrier strip connection	Passive internal crossover	XLR
70V line transformer versions	CMS110 TB-P70V	CMS110 TB-PX70V	-
Amplifier type	-	-	Class A/B MOSFET
Rated power output	-	-	110W into 6 Ohm load

OVERVIEW_

A compact, down-firing, vented ceiling subwoofer cabinet with 250mm (10.00") long throw driver capable of 31Hz @ -3dB (26Hz @ -10dB). The UL and CSA approved Tannoy CMS110 SR Sheet Rock subwoofer flush mounts into sheet rock ceilings, walls, or overhangs - any position offering adequate clearance and suitable structural support. The unit comes complete with a low profile square grille.



DESCRIPTION_

The CMS110 SR cabinet is fitted with seismic tether points and comes with a sturdy pre-installation ring (CMS110 SR-Ring) for safe and secure installation of the unit. (The pre-installation ring is available separately for new construction where the sheet rock installers arrive before the contractor.) Fire rating for the 110 SR is NFPA Grade A.

The CMS110 SR incorporates a 200mm x 250mm (8.00" x 10.00") input module located on the side of the cabinet. The input module controls are easily accessed by removing the grille and the unit remains serviceable and fully removable from below after installation. The CMS110 SR can be ordered with a passive input module (CMS110 SR-P) connected via barrier strip, or with a passive internal crossover (CMS110 SR-PX). Both passive modules can be powered by a THP 60 Watt / 70 Volt line transformer for distributed systems (CMS110 SR-P70V and CMS110 SR-PX 70V).

TECH BRIEF_

CMS110 SR-P_

CMS110 SR-PX_

CMS110 SR-A_

Type	Passive	Internal passive crossover	Active
Enclosure type	Ceiling subwoofer – direct radiating	Ceiling subwoofer – direct radiating	Ceiling subwoofer – direct radiating
Frequency response⁽¹⁾ (-10dB)	26Hz – 150Hz	26Hz – 150Hz	26Hz – 150Hz
Maximum SPL⁽²⁾	105dB (average) 111dB (peak)	105dB (average) 111dB (peak)	105dB (average) 111dB (peak)
Input	Passive - barrier strip connection	Passive internal crossover	XLR
70V line transformer versions	CMS110 SR-P70V	CMS110 SR-PX70V	-
Amplifier type	-	-	Class A/B MOSFET
Rated power output	-	-	110W into 6 Ohm load

OVERVIEW_

The cabinet of the Tannoy STK II full bandwidth, active, high quality ceiling monitor system, is an inverted pyramid shape, allowing the four 165mm (6.50") point source ICT™ and one 250mm (10.00") low frequency drive units to be aimed for uniform dispersion characteristics.



DESCRIPTION_

The STK II cabinet is constructed of 18mm (0.75") birch plywood with a textured black paint finish is fitted with four seismic tether points for attaching cables and/or chains from overhead structures. The compact enclosure provides a quick and easy installation into any free space environment. The active STK II is designed to provide an all in one solution for high fidelity music reproduction where a single cabinet is required to cover large areas, ideally suited for retail, fitness and restaurant and bar applications.

TECH BRIEF_

STK II_

Type	Active ceiling speaker
Amplifier type	BASH®
Rated power output	145W - Sub, 60W x 4 - Satellites
Drivers	4 x 165mm (6.50") ICT™ transducers
LF driver	250mm (10.00")
Frequency range⁽¹⁾ (+/-3dB)	35Hz - 20kHz
Sensitivity⁽²⁾ (2.83V @ 6 Ohms)	94dB half space



One up
bar + grill

drinks

One up
bar + grill

food



IN WALL RANGE

Many in wall loudspeakers are designed simply to reproduce sound without any consideration for ultimate audio quality and vocal articulation. Not so with Tannoy in wall installation products. These units are monitor quality systems based on the company's expertise in the manufacture of premium quality cabinet loudspeakers and studio monitors.

Specifically designed for installations demanding premium sonic quality for music and speech reinforcement plus exceptional reliability and intelligibility, the in wall speakers provide a wide and controlled dispersion for optimum coverage. Featuring an extended frequency response and very low distortion, the units are equipped with dynamic high frequency protection.

iW RANGE

OVERVIEW_

Built around an immensely strong chassis, the iw6 DS has a main bass and mid-range driver and a WideBand™ high frequency unit.

The DC models all use the Tannoy Dual Concentric™ point source driver; this with the addition of an additional SuperTweeter™ extending bandwidth out to over 50kHz.



DESCRIPTION_

The compact iw4 DC uses the 100mm (4.00") Dual Concentric™, the iw6 TDC a 165mm (6.50") version, while the iw62 TDC uses this and an additional 165mm (6.50") bass driver. The class leading performance is further enhanced by the inclusion of a self aligning clamp mechanism, allowing for simple removal or reorientation of the loudspeaker, but crucially also providing the acoustically optimum bond to the wall surface without risk of distortion to the loudspeaker baffle. Gold plated spring loaded terminals are provided for ease of installation.

TECH BRIEF_

	iw4 DC_	iw6 DS_	iw6 TDC	iw62 TDC
Driver type	Dual Concentric™	Discrete array	Dual Concentric™	Dual Concentric™
WideBand™ HF / SuperTweeter™	-	25mm (1.00") titanium dome	19mm (0.75") titanium dome	19mm (0.75") titanium dome
Dual Concentric™ HF	19mm (0.75") titanium dome	-	19mm (0.75") titanium dome	19mm (0.75") titanium dome
Dual Concentric™ Mid / LF	100mm (4.00")	-	165mm (6.50")	165mm (6.50")
Discrete LF	-	165mm (6.50")	-	165mm (6.50")
Frequency range⁽¹⁾ (-10dB)	73Hz – 54kHz	44Hz – 54kHz	36Hz – 54kHz	34Hz – 54kHz
Sensitivity⁽²⁾	88dB (2.83V @ 6 Ohms)	89dB (2.83V @ 8 Ohms)	91dB (2.83V @ 8 Ohms)	92dB (2.83V @ 8 Ohms)
Recommended amp power	120W	150W	180W	210W

OVERVIEW_

The iw62TS is a high performance in wall subwoofer. Designed to augment the low frequency output of the system, it uses the same construction and mechanical installation method, to ensure it is a perfect match, both acoustically and visually, to the full range units.



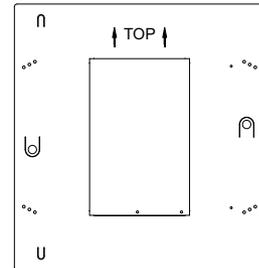
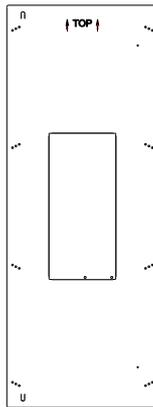
DESCRIPTION_

With a continuous power output rated at 200W RMS, this in wall subwoofer is capable of delivering impressive results in large residential and commercial applications; such as small entertainment venues, restaurants, bars, public buildings, board rooms and business music systems.

Complementing any style of decor, the perforated metal grille and discreet moulded ABS baffle panel frame of all the in walls can be painted to blend in seamlessly with any environment.

TECH BRIEF_

	iw62 TS
Type	Subwoofer
LF driver size	2 x 165mm (6.50")
Frequency range⁽¹⁾ (-3dB)	29Hz – 110Hz
Sensitivity⁽²⁾	94dB half space (2.83V @ 6 Ohms)
Recommended amp power	400W



iW RANGE	ACCESSORIES	
	STEEL BACK CAN (complete)	PRE-INSTALL MOUNTING RING
iw4 DC	•	•
iw6 DS	•	•
iw6 TDC	•	•
iw62 TDC	•	•
iw62 TS	•	•

Available in North America Only iW SUBWOOFER AMPLIFIER

OVERVIEW

The iwSA 500 is a single channel BASH© power amplifier specifically designed to deliver 500 watts (max) of optimally matched power to the Tannoy iw62 TS in wall subwoofer to deliver impressive results in domestic or commercial installations; this in applications such as small venues, restaurants, bars, public buildings and business music systems.



DESCRIPTION

With front mounted control of level, phase and a continuously variable crossover, adjustable from 50Hz – 150Hz, the iwSA 500 amplifier will offer all the control needed to optimise the subwoofer integration with the mid / high units, regardless of the installation positions.

Two unbalanced RCA audio input's and four gold plated binding post outputs, crossover bypass switch, limiter function switch for one or two sub configurations and sleep mode defeat switch are all incorporated. The 2U iwSA 500 casing mounts directly into a standard EIA 19" rack or the brackets can be removed for shelf location with no ventilation issues.

TECH BRIEF **IWSA500**

Type	in wall subwoofer amplifier
Rated power output	500W continuous into 4 Ohms 250W continuous into 8 Ohms
Minimum frequency bandwidth	20Hz – 500Hz (no filters or EQ)





INSTALLATION SERIES

Intended for a wide variety of sound reinforcement applications, the Tannoy surface mount ranges are all premium performance loudspeakers designed to deliver excellent price / performance for background music and speech systems.

All models are full bandwidth loudspeakers designed for commercial, professional and residential applications where environment durability and high quality sonic performance are required. These ranges are ideally suited to stereo or monaural background or foreground music systems in applications as diverse as theme parks, retail premises, restaurants and cafés, corporate audio visual and houses of worship.

The Di Range passive models, with enclosures constructed from high impact polystyrene (HIPS) enclosure are all rated weather resistant IP64 to EN60529 (IEC529).

OVERVIEW_

Designed for a wide variety of sound reinforcement applications, the Tannoy Di Series is a range of premium performance, ultra compact surface mount weather resistant loudspeakers.

Tannoy's exclusive point source, constant directivity drive unit technologies in Di deliver outstanding clarity, definition and detail with class leading vocal intelligibility.



DESCRIPTION_

As a constant directivity drive unit, the point source ICT™ (Inductive Coupling Technology) enables mounting of the loud speaker in either vertical or horizontal orientations on the wall or ceiling with no compromise to performance. The ICT™ driver also addresses the two most common component failures experienced in background music and sound reinforcement systems; the tweeter and the crossover reliability. The use of a wireless electromagnetic tweeter in the ICT™ design means that no crossover is required; ensuring that the HF unit is exceptionally robust and reliable. The mineral loaded polypropylene cone material and nitrile rubber surround further enhance long-term durability.

The high impact polystyrene (HIPS) enclosure of all the Di Range passive models is rated weather resistant as IP64 to EN60529 (IEC529).

TECH BRIEF_

Di5 / Di5t_

Di6 / Di6t_

Driver type	ICT™	ICT™
HF	Inductively coupled	Inductively coupled
Mid / LF	110mm (4.50")	165mm (6.50")
LF	-	-
Frequency range⁽¹⁾ (-10dB)	80Hz – 30kHz	55Hz – 24kHz
Sensitivity⁽²⁾	88dB (2.45V @ 6 Ohms)	90dB (2.45V @ 6 Ohms)
Recommended amp power	100W	120W

OVERVIEW_

Durable and scuff resistant textured black or white painted finish, with matching rubber trims, all models are full bandwidth weather resistant loudspeakers designed for commercial, professional and residential applications where environment durability and high quality sonic performance are required.



DESCRIPTION_

Tannoy's Dual Concentric™ provides extraordinary power handling, high sensitivity, extended frequency response and very low distortion, with a wide and controlled dispersion ensuring optimum coverage. By placing the high frequency drive unit physically inside the low frequency driver, a true point source is created that exhibits constant directivity and unparalleled linearity. Perfect for surface mount applications, the driver system generates a spherical wave front unaffected by energy loss at the crossover frequency in either vertical or horizontal planes; allowing highly flexible speaker placement on the wall or ceiling with no compromise to performance and vocal intelligibility.

For 70V or 100V distributed sound applications all passive models are available in versions equipped with an internally mounted low insertion loss line transformer, with easily configurable wattage taps via an easily accessible rotary tapping switch.

TECH BRIEF_

Di5 DC / Di5 DCt_

Di6 DC / Di6 DCt_

Di8 DC / Di8 DCt_

Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	19mm (0.75") titanium dome	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Dual Concentric™ Mid / LF	110mm (4.50")	165mm (6.50")	200mm (8.00")
Frequency range⁽¹⁾ (-10dB)	80Hz – 54kHz	55Hz – 35kHz	53Hz – 35kHz
Sensitivity⁽²⁾	88dB (2.83V @ 8 Ohms)	89dB (2.83V @ 8 Ohms)	91dB (2.83V @ 8 Ohms)
Recommended amp power	120W	180W	180W

OVERVIEW_

With a rated output of 30W RMS, the Di5a is an ultra compact active loudspeaker system capable of delivering high sound pressure levels with extremely low distortion, resulting in outstanding clarity, definition and detail. Designed for a wide variety of sound reinforcement applications, the Di5a delivers outstanding performance combined and durability.



DESCRIPTION_

In common with the passive Di models, the Di5a is available in black or white, with additional colour trims as optional accessories, ensuring effective decor matching in most installations. Utilisation of the point source loudspeaker allows the Di5a to be mounted on a wall or ceiling in either horizontal or vertical orientations without affecting its performance.

A range of hardware options ensures simple and effective installation in stereo or monaural background or foreground music systems in applications as diverse as theme parks, retail premises, restaurants and cafés, corporate audio visual and houses of worship. For installs requiring extended low frequency enhancement, a range of Tannoy sub-bass systems are available and can be used in conjunction with the Di5a.

TECH BRIEF_

Di5a

Driver type	ICT™
HF	Inductively coupled
Mid / LF	110mm (4.50")
Rated power output	30W RMS
Frequency range⁽¹⁾ (-10dB)	90Hz – 30kHz
Rated maximum SPL⁽²⁾	103dB (average) 109dB (peak)

Di HARDWARE

OVERVIEW_

Designed to facilitate pre-wiring of the system, the K-Ball™ carries a wiring loom through the arm of the bracket to a Euroblock type connector plug located in the ball. When mounted in conjunction with a standard conduit junction box (J-box) the assembly is then ready to receive the speaker during the commissioning stage of the install.



DESCRIPTION_

THE K-BALL™ MULTI-ANGLE BRACKET

A recess on the rear of the enclosure contains the Euroblock type connector socket which completes the signal path when the speaker is offered up to the bracket and pushed into place. The speaker may then be swivelled into the desired angle for optimum coverage before tightening the locking collar. A secondary support line can be secured to the tie back point and the rubber weather-sealing boot located.

This innovative bracket is available in black or white as an optional accessory for all the Di passive models.

Di ACCESSORIES

OVERVIEW_

The Yoke bracket is supplied as standard with all models.

The K-Ball™ is suitable for use with all passive models.

The Polemount adaptor may be used with either the Yoke or K-Ball™ brackets.



Di RANGE	SUPPLIED ACCESSORIES		OPTIONAL ACCESSORIES	
	YOKE BRACKET	K-BALL™	POLEMOUNT	
Di5a	•		•	
Di5 / Di5t	•	•	•	
Di5 DC / Di5 DCt	•	•	•	
Di6 / Di6t	•	•	•	
Di6 DC / Di6 DCt	•	•	•	
Di8 DC / Di8 DCt	•	•	•	

ARENA HIGHLINE RANGE

OVERVIEW_

Arena HighLine has been designed primarily as a low profile, full range loudspeaker for use in conjunction with Plasma or LCD flat screen technologies. The bracket system and cable management ensure a close to wall mounting and a visual effect that blends with the décor; important in high style installations such as lounges, bars, hotels, boardrooms, houses of worship and retail premises.



ACCESSORIES	SUPPLIED		OPTIONAL
	WALL BRACKETS	TABLE STAND	FLOOR STAND
300C	•	•	•
500C	•	•	•

DESCRIPTION_

They can be used as left, right and centre around the screen, while low frequency reinforcement can be provided using the Tannoy V Series VS10 BP subwoofer in conjunction with the TDX1 electronic system controller. Tannoy DMT™ (Differential Material Technology) is extensively used in the extra thick walled aluminium cabinet extrusion to minimise any cabinet resonance. Arena HighLine is supplied with flush mounting hardware as standard.

TECH BRIEF_

300c_

500c_

Driver type	D'Appolito array	Dual Concentric™
Dual Concentric™ HF	-	19mm (0.75") titanium dome
Dual Concentric™ Mid / LF	-	100mm (4.00")
SuperTweeter™	19mm (0.75") titanium dome	-
LF	4 x 75mm (3.00")	1 x 100mm (4.00")
Frequency range⁽¹⁾ (-10dB)	69Hz – 62kHz	83Hz – 54kHz
Sensitivity⁽²⁾ (2.83V @ 8 Ohms)	87dB	88dB
Recommended amp power	120W	150W

OVERVIEW_

For installation requirements that demand a strong design statement, Arena's contemporary looks blend form and function superbly, this beautifully crafted design offers much more than elegant styling. Ideally suited to fashionable hotel receptions, stylish restaurants or bars, luxurious boardrooms or chic cafés, the exceptional acoustic performance combines with application flexibility to deliver a system that defines the category.



DESCRIPTION_

The Arena system comprises two satellite speaker options which can be configured in various multiple speaker options, partnered with other sub woofers and system controllers. Arena satellite option has a single 5" Dual Concentric™ driver. The twin driver option has been equipped with a supplementary bass driver to augment power handling. The rigid acoustic shell, robustly constructed in cast aluminium, provides full acoustic optimisation of the drive units. Both models are magnetically shielded to eliminate colour fringing effects when placed close to a television.

TECH BRIEF_

SINGLE DRIVER SATELLITE_ TWIN DRIVER SATELLITE_

Driver type	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	19mm (0.75") titanium dome	19mm (0.75") titanium dome
Dual Concentric™ Mid / LF	110mm (4.00")	110mm (4.00")
LF	-	110mm (4.00")
Frequency range⁽¹⁾ (-6dB)	80Hz – 54kHz	80Hz – 54kHz
Sensitivity⁽²⁾	88dB (2.83V @ 8 Ohms)	89dB (2.83V @ 8 Ohms)
Recommended amp power	100W	150W

ARENA HARDWARE

OVERVIEW_

Designed to fit exactly to the shape of the satellite units, there are two bracket options available – one for the single driver unit and one for the twin. Available in black, white, bronze and silver to match the speakers, they form an elegant install solution.



Single driver satellite bracket

Twin driver satellite bracket

ACCESSORIES	OPTIONAL
ARENA	WALL / TABLE MOUNT BRACKET
SINGLE DRIVER SATELLITE	●
TWIN DRIVER SATELLITE	●

DESCRIPTION_

Versatile mounting platforms that enable a variety of room integration solution, the table / counter top stands for both of the satellite speaker options are fitted with a swivel mechanism allowing precise adjustment. The same stands are also equipped with a wall mounting plate and a carefully designed cable management system and finished in colours to match the product.

i SERIES RANGE

OVERVIEW_

The Tannoy i7 and i9 are slim cabinet column loudspeakers, designed for acoustically difficult applications where wide yet controlled coverage is required for high quality music and speech reinforcement. Available in charcoal or white, each consists of direct radiating LF and titanium HF positioned as a line source.



DESCRIPTION_

The coupling effects in the vertical plane result in a narrow and controlled coverage pattern, with extremely wide horizontal coverage; dispersion characteristics that direct sound into the desired space while minimising reflections from the ceiling, making it ideal for use in highly reverberant environments.

Low impedance (8 Ohms or 100V / 70.7V) distributed line system can be operated via switches located on the rear termination panel. A transformer is incorporated into the cabinet with wattage taps also selectable from the rear, providing high system sensitivity with low insertion loss. The shallow cabinet profile ensures discreet installations close to a wall or ceiling without, sacrificing vertical coverage.

The i7 and i9 have two versatile mounting brackets - a yoke and multiple angle bracket; both of which permit easy vertical, horizontal and tilt adjustment for mounting and flying applications. Both designs are available in black or white to match the product.

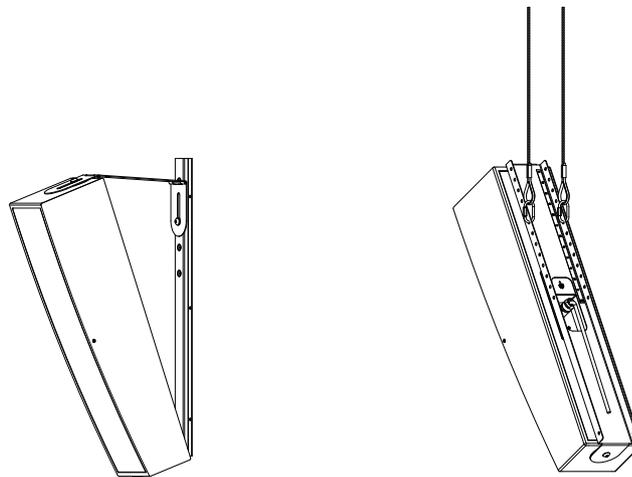
TECH BRIEF_

i7_

i9_

System type	Column source	Column source
HF	1 x 25mm (1.00") titanium dome	3 x 25mm (1.00") titanium dome
Mid / LF	4 x 100mm (4.00")	4 x 130mm (5.00")
Frequency range⁽¹⁾ (-10dB)	86Hz - 25kHz	60Hz - 40kHz
Sensitivity⁽²⁾	89dB (2.83V @ 8 Ohms)	93dB (2.83V @ 8 Ohms)
Recommended amp power	180W	300W

i SERIES HARDWARE



i RANGE	ACCESSORIES	
	Yoke	Multi angle bracket
i7	•	•
i9	•	•

OVERVIEW_

A high power handling, high sensitivity, full bandwidth rock speaker design primarily for outdoor use, the rugged and durable terra alba and fibreglass enclosure construction is weather, water marking and UV discolouration resistant.



DESCRIPTION_

The rugged enclosure, together with the integrated grille design, provides protection for the 153mm (6.00") Tannoy ICT™ transducer against the elements; including rain, hail, sleet, snow and the high salt content atmospheres like coastal environments. The natural rock-like appearance of the SR601 blends inconspicuously into outdoor applications from gardens, patios, and architectural landscapes.

TECH BRIEF_ SR601_

Driver type	ICT™
HF	25mm (1.00") inductively coupled
Mid / LF	153mm (6.00")
Frequency range⁽¹⁾ (-10dB)	80Hz – 20kHz
Recommended amp power	120W @ 6 Ohms
Rated Max SPL⁽²⁾	107dB (average) 110dB (peak)
Sensitivity⁽²⁾	87dB (2.45V @ 6 Ohms)
Impedance	6 Ohms
Recommended amp power	120W

OVERVIEW_

Designed for a wide variety of sound reinforcement applications, fitting neatly into stair risers or stage fronts between 16.00" studs, the is52 In-Stair loudspeaker is engineered for highly intelligible music or speech reproduction in houses of worship, theatres, auditoriums, etc.



ACCESSORY	OPTIONAL
iS52	BACK CAN
iS52	•

DESCRIPTION_

The slim two-way design uses two 100mm (4.00") LF and 25mm (1.00") titanium dome, neodymium magnet system HF units for enhanced efficiency and extended response; the combination producing a full bandwidth loudspeaker designed for high quality sonic performance with a smooth and controlled response for even coverage and optimum forward gain. The black painted finish plywood enclosure has a removable black powder-coated, perforated steel kick-proof grille.

A separate steel back can with multiple conduit knockouts is available as an optional accessory for installation versatility; including use in concrete or where a metal enclosure is required.

TECH BRIEF_ iS52_

Driver type	Dual Concentric™
HF	2 x 25mm (1.00") titanium dome
Mid / LF	2 x 100mm (4.00")
Dispersion	120 degrees horizontal 90 degrees vertical
Frequency range⁽¹⁾ (-10dB)	67Hz – 30kHz
Recommended amp power	240W @ 6 Ohms
Rated Max SPL⁽²⁾	109dB (average) 115dB (peak)
Sensitivity⁽²⁾	88dB (2.45V @ 6 Ohms)
Impedance	6 Ohms
Recommended amp power	240W

DEFINITION INSTALL

OVERVIEW_

These speakers are designed to be hidden within a custom designed installation; mounted on wall either behind the screen or acoustically transparent decorative panels with no appreciable loss of performance. The units can be mounted either horizontally or vertically using the integral keyhole mounts and the supplied wall plate.



DESCRIPTION_

Designed to be used in left, centre or right locations the DC6i, DC8i and DC12i are capable of explosive dynamics with stunning detail in both music and movie application in vast array of listening and viewing environments.

The Dual Concentric™ is effectively two drivers properly merged into one where, unlike ordinary drive units, the high frequency unit is positioned on the back of the low frequency driver. As a result they are on same axis, so ensuring that sound energy is effectively propagated from the same point and delivered through the centre of the low frequency cone as true point source.

TECH BRIEF_	DC6i_	DC8i_	DC12i_
Speaker type	MDF, vented and braced	MDF, vented and braced	MDF, vented and braced
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	150mm (6.00")	200mm (8.00")	300mm (12.00")
Rated max SPL (Ave)	110dB	113dB	120dB
Sensitivity (2.83V @1m)	90dB	92dB	97dB
Impedance	8 Ohms	8 Ohms	8 Ohms
Frequency Range	70Hz-45KHz	62Hz-45KHz	50Hz-38KHz



DESCRIPTION_

The exceptionally versatile, high power handling iw60 EFX is able to extract the full potential of contemporary multi-channel soundtracks; an in wall surround / effects speaker designed to reproduce the same bandwidth and sound pressure levels as the main speakers.

Capable of an effortless and powerful performance to rival that of the cabinet based models in the range, the iw63 DC is equipped with a 165mm (6.50") Dual coupled with two 165mm (6.50") high output woofers.

Both are built in heavily braced and comprehensively damped MDF cabinets that are supplied with a paintable, flush mounting grille designed to blend seamlessly into any architectural space. A mounting frame is available as an optional pre-installation accessory to fit into standard construction 2" x 4" stud walls.

TECH BRIEF_	iw63 DC_	iw60 EFXi_
Speaker type	MDF, vented and braced in-wall	MDF, vented and braced in-wall
Driver type	Dual Concentric™	Dual Concentric™
Music Mode	1 x 165mm (6.50") Dual Concentric™	-
Cinema Mode	2 x 100mm (4.00") Dual Concentric™ in dipole configuration	-
LF driver	-	2 x 165mm (6.50") woofers
Mid/HF driver	-	1 x 165mm (6.50") Dual Concentric
Rated max SPL (Ave)	110dB	111dB
Sensitivity	90dB	91dB
Impedance	8 Ohms in music mode 4 Ohms in cinema mode	8 Ohms in music mode 4 Ohms in cinema mode
Frequency range	74Hz-27KHz	54Hz-40KHz



DESCRIPTION

The Definition Install DS12i and DS15i subs have been designed to underpin a Definition install theatre or media room system with truly remarkable low frequency performance.

Massively constructed around either 12" or 15" professional drive units, this subwoofer will produce the ultimate soundtrack experience, with spectacular and thunderous bass, yet still be agile enough to maintain finer musical detail with precision and speed.

The DSi subs are compact enough to bring class leading performance to a wide range of installation applications; from media rooms to home theatre and boardrooms through to high end marine interiors.

TECH BRIEF

DS12i SUB

DS15i SUB

Enclosure type	Direct radiating subwoofer	Direct radiating subwoofer
Driver size	300mm (12.00")	380mm (15.00")
Sensitivity	94dB	96dB
Low frequency response	38Hz	36Hz
Average rated max SPL	120dB	124dB





SOUND REINFORCEMENT

THREE ROUTES TO ACOUSTIC EXCELLENCE

A versatile range of High Definition Sound Reinforcement (HDSR™) loudspeakers designed to provide the optimal acoustic solution in a virtually limitless range of applications; theme bars, nightclubs, houses of worship, performing arts venues, dry hire rental, high quality public address, theatres, audiovisual, theme parks and leisure centres.

All full range models use a high power point source Dual Concentric™ drive unit mounted in a robust plywood enclosure with recessed handles for easy transportation. Optional installation hardware includes a comprehensive selection of flying brackets, accessories and pole mount sockets. Matching passive and active subwoofers are available.

With passive, powered and active DSP solutions available, all are premium quality installation cabinets with class leading acoustic performance. High sound pressure levels are delivered effortlessly and the extended frequency response ensures outstanding clarity, with crystal clear intelligibility, definition and detail.

PASSIVE – POWERED – ACTIVE DSP

V SERIES™ RANGE

Premium quality installation loudspeaker with Tannoy Dual Concentric™ drive unit and passive crossover network mounted in a robust enclosure.

POWERV™ RANGE

Adding built in Class-D amplification creates a flexible powered solution.

VNET™ RANGE

Integral dual channel Class-D amplification, full network control functionality and high performance user-adjustable DSP delivers ultimate system flexibility.

VQ™ RANGE

Revolutionary range of loudspeakers designed for any application where precise directional control, outstanding sonic performance, efficiency and high SPL's are critical issues; such as stadiums, dance clubs, auditoria, houses of worship and open-air venues.

V SERIES RANGE PASSIVE_

OVERVIEW_

V Series is a range of powerful yet compact premium quality installation cabinets designed for a wide variety of sound reinforcement applications.



DESCRIPTION_

The sophisticated CAD designed waveguide in the Dual Concentric™ driver combines conical dispersion and excellent acoustic impedance characteristics. An inherent feature of this point source design is that clusters and arrays have minimal lobing, and this is achieved without the use of any electronic signal processing. These acoustic characteristics enable either vertical or horizontal mounting for single or multi-cabinet arrays without compromising sound quality.

These systems deliver extended frequency response with high sound pressure levels, extremely low distortion, outstanding clarity, crystal clear intelligibility, definition and detail.

TECH BRIEF_

V6_

V8_

V12_

Enclosure type	Full range vented	Full range vented	Full range vented
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™	150mm (6.00")	200mm (8.00")	300mm (12.00")
Dispersion	90 degrees conical	90 degrees conical	90 degrees conical
Frequency range⁽¹⁾ (-10dB)	75Hz – 45kHz	62Hz – 30kHz	55Hz – 38kHz
Sensitivity⁽²⁾	91dB (1W = 2.83V for 8 Ohms)	92dB (1W = 2.83V for 8 Ohms)	91dB (1W = 2.83V for 8 Ohms)
Rated Maximum SPL	111dB (average) 117dB (peak)	113dB (average) 119dB (peak)	120dB (average) 126dB (peak)
Recommended amp power	200W	260W	400W



DESCRIPTION_

Available in black or white, the asymmetric cabinet profile is flexible and discreet in either fixed installations or on the road. Used as a low profile stage monitor, the conical coverage pattern gives the performer greater freedom of movement off axis than allowed by conventional horn loaded designs.

The cabinet profile allows flexible and discreet installation. As a foreground system, installation is made simple with a range of mounting hardware, designed specifically for the V series – or the systems can be flown using the integral M10 inserts. For portable stage use the cabinet has a recessed carrying handle and a blanking plate, which can be removed to install an optional pole mount.

TECH BRIEF_

V12HP_

V15_

V300_

Enclosure type	Full range vented	Full range vented	Full range vented
Driver type	PowerDual™	PowerDual™	SuperDual™
Dual Concentric™	300mm (12.00")	380mm (15.00")	300mm (12.00")
Dispersion	75 degrees conical	75 degrees conical	90 degrees conical
Frequency range⁽¹⁾ (-10dB)	60Hz – 30kHz	58Hz – 30kHz	56Hz – 26kHz
Sensitivity⁽²⁾	99dB (1W = 2.83V for 8 Ohms)	100dB (1W = 2.83V for 8 Ohms)	98dB (1W = 2.83V for 8 Ohms)
Rated Maximum SPL	124dB (average) 130dB (peak)	126dB (average) 132dB (peak)	122dB (average) 128dB (peak)
Recommended amp power	700W	800W	500W



DESCRIPTION

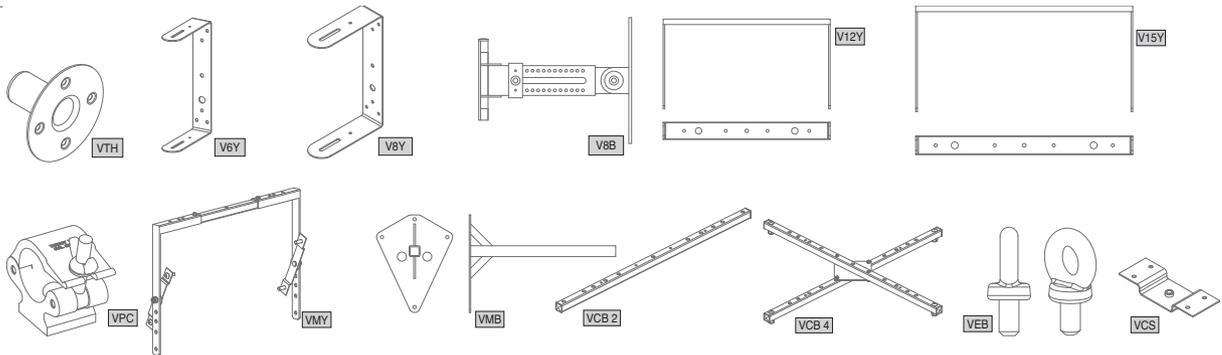
Ranging from the compact and versatile VS10 BP through to the high output, ultra low frequencies and increased headroom capabilities of the VS18 DR, the V series subwoofers cover the bulk of installation applications and system configurations.

Available in black or white, to match the full range models in the V Range, each subwoofer is capable of delivering high sound pressure levels with extremely low distortion and power compression while maintaining a uniform frequency response throughout its dynamic range.

New VS218 DR subwoofer available (see page 39)

TECH BRIEF	VS10 BP	VS15 BP	VS15 HL	VS18 DR
Enclosure type	Vented bandpass	Vented bandpass	Horn loaded	Direct radiating
Drive unit	250mm (10.00")	380mm (15.00")	380mm (15.00")	458mm (18.00")
Frequency range⁽¹⁾ (-3dB)	39Hz – 110Hz	36Hz – 160Hz	60Hz – 300Hz	27Hz – 240Hz
Sensitivity⁽²⁾	95dB anechoic (2.83V @ 8 Ohms)	96dB anechoic (2.83V @ 8 Ohms)	101dB anechoic (2.83V @ 8 Ohms)	99dB anechoic (2.83V @ 8 Ohms)
Rated Maximum SPL	118dB (average) 124dB (peak)	124dB (average) 130dB (peak)	130dB (average) 136dB (peak)	130dB (average) 136dB (peak)
Recommended amp power	400W	600W	800W	1200W

V SERIES HARDWARE



V RANGE	BRACKETS							ACCESSORIES					
	V6Y	V8Y	V8B	V12Y	V15Y	VMY	VMB	VCB 2	VCB 4	VEB	VCS	VTH	VPC
V6	•		•					•	•		•		•
V8		•	•					•	•	•	•	•	•
V12				•		•	•			•	•	•	•
V12-HP				•		•	•			•	•	•	•
V15					•	•	•			•	•	•	•
V300					•	•	•			•	•	•	•
VS10 BP										•		•	
VS15 BP										•		•	
VS15 HL										•		•	
VS18 DR										•		•	

POWERV RANGE POWERED_

OVERVIEW_

Efficiency and performance are clearly top of the list of advantages offered by these self-powered loudspeakers. By eliminating speaker cables and tailoring the signal processing and amplifiers to the combined driver / enclosure system response, POWERV™ offers increased output and reduced distortion for each watt expended.



DESCRIPTION_

Delivering impressive levels of accuracy and performance, all POWERV™ loudspeakers are equipped with highly efficient, flexible and reliable Class D power amplification incorporating switching power supplies. The amplifier section and power supply were developed simultaneously and therefore optimally matched to minimise noise and enhance stability.

TECH BRIEF_

POWERV6_

POWERV8_

POWERV12_

Enclosure type	Full range vented	Full range vented	Full range vented
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Driver size	150mm (6.00")	200mm (8.00")	300mm (12.00")
Dispersion	90 degrees conical	90 degrees conical	90 degrees conical
Frequency range⁽¹⁾ (-10dB)	75Hz – 45kHz	62Hz – 30kHz	55Hz – 38kHz
Rated power output	Single channel Class D 200W (Programme)	Single channel Class D 200W (Programme)	Single channel Class D 400W (Programme)



DESCRIPTION_

The power module combines light, efficient and cool-running amplification, comprehensive driver protection and equalisation into a single compact unit.

Clean, undistorted sound is delivered, even when driven at very high power levels. No cooling fans are required so the system runs quietly and is not prone to internal dust contamination. The POWERV™ system capitalises on the integrated design concept as every component part and their interaction is fully optimised. All signal processing functions have been precisely tailored; crossover frequencies and slopes, EQ, phase corrections and limiting.

TECH BRIEF_

POWERV12 HP_

POWERV15_

Enclosure type	Full range vented	Full range vented
Driver type	PowerDual™	PowerDual™
Driver size	300mm (12.00")	380mm (15.00")
Dispersion	75 degrees conical	75 degrees conical
Frequency range⁽²⁾ (-10dB)	62Hz – 28kHz	47Hz – 26kHz
Rated power output	Single channel Class D 500W (Programme)	Single channel Class D 500W (Programme)

OVERVIEW

In order to satisfy a wide scope of fixed or on the road sound reinforcement applications there are five full range models and two subwoofers. LED's on the rear panel indicate signal presence, signal activity, and power. Signal input and audio link are via XLR, while the mains connector is a Neutrik locking Powercon type.



DESCRIPTION

A switch on the rear panel of the full range models allows selection between Full Range or High Pass modes, with High Pass allowing a speaker to be mounted in close proximity to a boundary or simply to increase headroom.

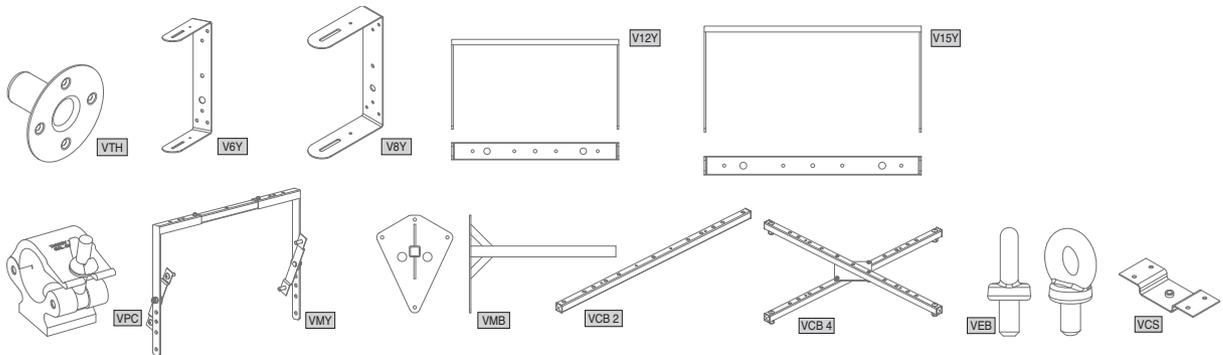
High pass mode also enables a simple top box and subwoofer combination to be created without the need for an external crossover. Two low pass setting options on the subwoofer amplifiers fully optimise integration with the full range units.

TECH BRIEF

POWERVS10 BP POWERVS15 BP

Enclosure type	Bandpass	Bandpass
Drive unit	250mm (10.00")	380mm (15.00")
Amplifier type	Single channel Class D	Single channel Class D
Frequency range⁽¹⁾ (-10dB with low pass filter A on)	32Hz – 80Hz	37Hz – 80Hz
Frequency range⁽¹⁾ (-10dB with low pass filter B on)	32Hz – 110Hz	37Hz – 110Hz
Rated maximum SPL⁽²⁾	118dB (average) 124dB (peak)	124dB (average) 130dB (peak)
Rated power output	Single channel Class D 400W (Programme)	Single channel Class D 500W (Programme)

POWERV HARDWARE



POWER VRANGE	BRACKETS						ACCESSORIES					
	V6Y	V8Y	V12Y	V15Y	VMY	VMB	VCB 2	VCB 4	VEB	VCS	VTH	VPC
POWER V6	•						•	•		•		•
POWER V8		•					•	•	•	•	•	•
POWER V12					•	•			•	•	•	•
POWER V12 HP			•		•	•			•	•	•	•
POWER V15				•	•	•			•	•	•	•
POWER V10 BP									•		•	
POWER V15 BP									•		•	

OVERVIEW_

The Dual Concentric™ point source, constant directivity drive unit integrates with digital signal processing, network control and Class D amplification to create loudspeakers designed to form the complete sound reinforcement installation solution.



DESCRIPTION_

The integration of the Dual Concentric™ point source, constant directivity drive unit with leading edge digital signal processing, network control and Class D amplifier technologies ensure these high definition sound reinforcement (HDSR™) loudspeakers provide a fully monitored active system; a complete turnkey solution for the most demanding sound reinforcement applications. By taking the modular approach, where all the main system elements are designed into each loudspeaker, the amplifiers, processing, monitoring and drivers have all been optimised to perform as a unified whole. The resulting package of intuitive user setup, integrated processing, tuning control, performance diagnostics and protection produces an exceptionally high performance networkable loudspeaker that is easy to install.

TECH BRIEF_

VNET12_

VNET12 HP_

VNET15_

VNET300_

Enclosure type	Full range vented	Full range vented	Full range vented	Full range vented
Driver type	Dual Concentric™	PowerDual™	PowerDual™	SuperDual™
Driver size	300mm (12.00")	300mm (12.00")	380mm (15.00")	300mm (12.00")
Dispersion	90 degrees conical	75 degrees conical	75 degrees conical	90 degrees conical
Amplifier type	Dual channel Class D			
Frequency range⁽¹⁾ (-10dB in full range mode)	55Hz – 38kHz	50Hz – 28kHz	40Hz – 26kHz	45Hz – 28kHz
Rated maximum SPL	120dB (average) 126dB (peak)	124dB (average) 130dB (peak)	126dB (average) 132dB (peak)	122dB (average) 128dB (peak)
Rated power output	Dual channel Class D HF 400W (limited)/ LF 400W (Programme)	Dual channel Class D HF 700W (limited)/ LF 700W (Programme)	Dual channel Class D HF 800W (limited)/ LF 800W (Programme)	Dual channel Class D HF 500W (limited)/ LF 500W (Programme)



DESCRIPTION_

The Tannoy VNET™ speaker range incorporate Dual Channel Class D power modules with switched mode power supplies. These very efficient and reliable designs operate at a low temperature, even when driven at very high power levels. The digital electronics section uses a third generation 96kHz DSP chipset; the whole system is designed to operate at a low temperature, even when driven at very high power levels.

Installation, using a free network topology layout – daisy chain, star configuration or any combination of both, is made simple using software driven system commissioning, while ongoing venue network control and drive unit diagnostics all done in real time using this intuitive package.

TECH BRIEF_

VNET15 BP_

VNET15 HL_

VNET18 DR_

Enclosure type	Bandpass	Horn Loaded	Direct Radiator
Drive unit	380mm (15.00")	380mm (15.00")	458mm (18.00")
Amplifier type	Dual channel Class D bridged	Dual channel Class D bridged	Dual channel Class D bridged
Frequency range⁽¹⁾ (-10dB in full range mode)	35Hz – 200Hz	48Hz – 400Hz	24Hz – 1.2kHz
Rated maximum SPL	127dB (average) 133dB (peak)	130dB (average) 136dB (peak)	130dB (average) 136dB (peak)
Rated power output	Dual channel Class D bridged 600W (Programme)	Dual channel Class D bridged 800W (Programme)	Dual channel Class D bridged 1200W (Programme)

(A)



(B)



(D)

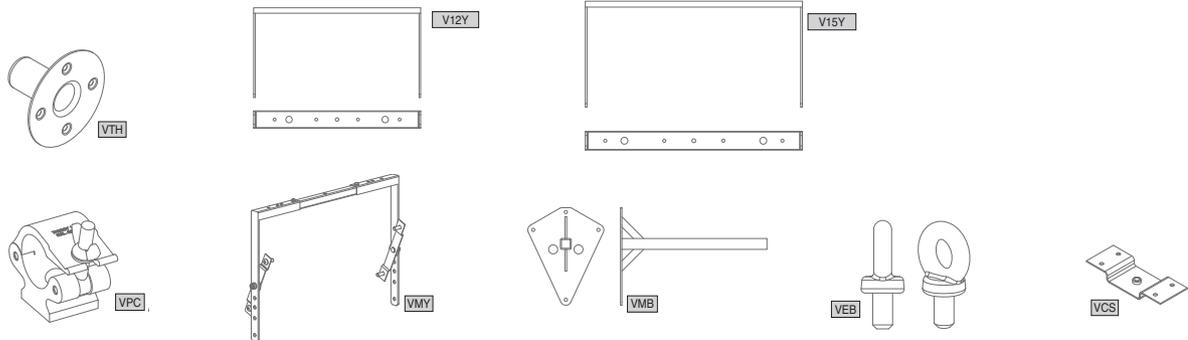


(C)



DESCRIPTION			TECH BRIEF	
USB & RS232	POWER SUPPLY	MOUNT KIT	VNET SC1	
<p>Tannoy VNet™ usb and RS232 interface</p> <p>This rack mountable interface allows communication between a VNET™ network and computer.</p> <p>(A)</p>	<p>Tannoy VNet™ accessory power supply</p> <p>This power supply unit is only required when communication with a VNET™ network is by RS232</p> <p>(B)</p>	<p>Tannoy VNet™ accessory rack mount kit</p> <p>This 1U bracket allows the mounting of up to three VNET™ interface accessories in a standard 19" equipment rack.</p> <p>(C)</p>	<p>Inputs</p> <p>Outputs</p> <p>Sample rate / bit depth</p> <p>Frequency Response (+/- 3dB with filters disabled)</p> <p>Frequency Response (+/- 0.5dB with filters disabled)</p> <p>LP / HP filter types</p> <p>(D)</p>	<p>Two x XLR</p> <p>Six x XLR</p> <p>96kHz / 24 bit</p> <p>10Hz - 40kHz</p> <p>20Hz - 20Hz</p> <p>12, 18 & 24dB/octave Bessel and Butterworth 12, 24 and 48dB/octave Linkwitz Riley 4th or 8th order Hardman</p>

VNET HARDWARE



VNET™ RANGE	BRACKETS				ACCESSORIES			
	V12Y	V15Y	VMY	VMB	VEB	VCS	VTH	VPC
VNET 12	•		•	•	•	•	•	•
VNET 12 HP	•		•	•	•	•	•	•
VNET 15			•	•	•	•	•	•
VNET 300		•	•	•	•	•	•	•
VNET 15 BP					•		•	
VNET 15 HL					•		•	
VNET 18 DR					•		•	

VNET™ NETWORKING

Interconnection between the network computer and the speakers is very straightforward using twisted pair cable and simple connectors. The RS485 interface operates on a shared bus so that a single computer can control any amplifier on the bus; enabling it to also gather status information from any device on that bus. Each VNET™ module contains a unique address so that no user input will be required to configure network nodes.

Every VNET™ loudspeaker controls its own DSP functions, so any unforeseen failure would be isolated to only that particular 'node'. As only data to control setup functions and ongoing system diagnostics is carried over the network audio will be delivered. RS-485 cable is used for sending serial data, using a twisted pair to send and receive information to a high number of nodes over very long distances. This differential signal is very robust, while RS-485 is one of the most popular communications methods used in industrial applications where its noise immunity and long-distance capability are a perfect fit.

VNET™ supports 'Free Network Topology', allowing cabinets to be 'daisy chained', linked in a 'star' configuration or in any combination of both. Network connections between nodes are via high quality, rugged Neutrik 'ethercon' connectors, which are compatible with standard RJ45 plugs. Node connections are made using standard RJ45 connectors and CAT5 cable. Speakers identified on the network set up screen have factory default names, which can be edited by the user to reflect their actual location on the network. They can be physically located on the network by selecting the 'Flash' function to activate an LED mounted on the front of the loudspeaker.

VNET™ SOFTWARE

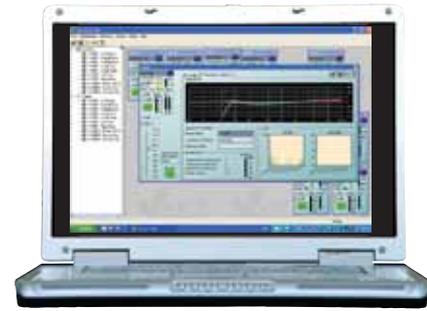
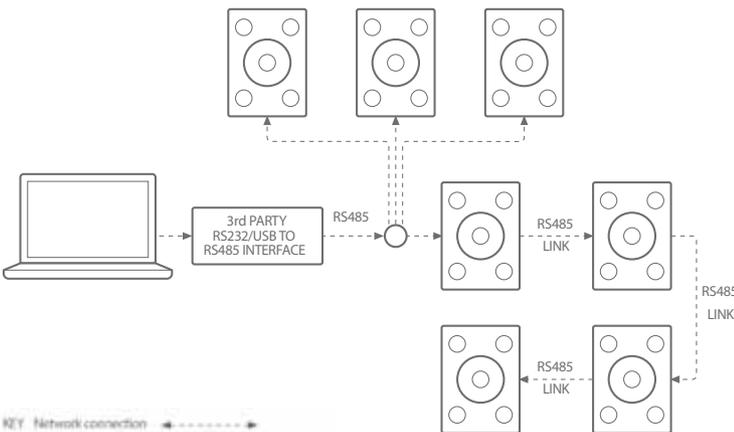
The loudspeakers are fully calibrated at the factory, avoiding the need to input the correct speaker management settings or dynamics at the point of install. This frees the installer to concentrate instead on room measurement and system optimisation. System commissioning and ongoing venue network control, incorporating real time diagnostics of electronics and drive unit, are all managed by the exclusive VNET™ software package. Supplied with each unit, this intuitive Windows tool controls all of the critical install, commissioning and performance monitoring functions. A standard wireless LAN-to-serial bridge can be used to communicate with the network, allowing the commissioning engineer to sit in the auditorium communicating from a laptop on 802.11b

MONITORING & TELEMETRY FUNCTIONS

During normal operation the speakers on the network will appear as minimised panels in the form of a status monitor icon (Monicon) on the computer screen. These are laid out to reflect the physical layout of the speakers within the venue so that the user can monitor system status and component condition at a glance. The minimised panels can be expanded to reveal highly detailed information in real time:

- Input clip indicator
- Two output limiter bar graph meter
- Heat sink temperature bar graph meter
- Amplifier clip indicators (HF & LF on full range units)
- Transducer Failure Indicators (HF & LF on full range units)
- Amplifier protect status indicator

VNET™ FREE NETWORK TOPOLOGY



OVERVIEW_

Versatile hardware for V series speakers manufactured by K&M in Germany to VGB C1 specifications.



	BRACKETS	ACCESSORIES
i RANGE	Wall Mount Bracket	Pole Mount Adapter
i7	•	•
i9	•	•



	BRACKETS		ACCESSORIES	
V SERIES	Yoke (Horizontal Installation)	Yoke (Vertical Installation)	Multi Angle Wall Mount	Wall Mount Extension
V6	•		•	•
V8	•	•	•	•
V12	•	•		
V12 HP	•	•		
V15	•	•		
V300	•	•		
POWER V6	•			
POWER V8	•	•		
POWER V12	•	•		
POWER V12 HP	•	•		
POWER V15	•	•		
VNET 12	•	•		
VNET 12 HP	•	•		
V NET 15	•	•		
VNET 300	•	•		

OVERVIEW_

The new Tannoy VQ Series is a range of revolutionary loudspeakers designed for any application where precise directional control, outstanding sonic performance, efficiency and high SPL's are critical issues; such as large corporate AV systems, stadiums, large dance clubs, live concert halls, theatres, houses of worship and open-air venues.



DESCRIPTION_

The VQ 60 and VQ 100 are full range, three-way loudspeaker systems designed for applications which require very high output capability with class leading pattern control. The VQ range is perfectly suited for use in arrays or singly in demanding music or speech applications. Unlike line array and cluster solutions, a single VQ unit can produce more power and clarity over its specified beamwidth area than many arrayed solutions using multiple cabinets. The advantage of a point-source VQ system is consistent and accurate coverage of a given space without the multi-driver interference of clusters and line arrays. The reduced number of enclosures is also a great advantage in terms of ease of installation and building aesthetics.

With low frequency extension to 90Hz, the VQ 60 and VQ 100 can be combined with various subwoofers for extended bandwidth. Both can be configured for use in Bi-Amp or Tri-Amp mode, in conjunction with a suitable digital signal processor (DSP).

TECH BRIEF_

VQ 60_

VQ 100_

Enclosure Type	3-way full range – point source	3-way full range – point source
Drive Unit LF	2 x 300mm (12.00") LF transducers, semi horn loaded	2 x 300mm (12.00") LF transducers, semi horn loaded
MF/HF	Dual Concentric™ driver with PSW™ Waveguide	Dual Concentric™ driver with PSW™ Waveguide
Frequency Range (-10dB)	90Hz-27kHz	90Hz-27kHz
Dispersion	60 degrees conical	100 degrees conical
Sensitivity LF (80Hz-450Hz)	105dB (2.0V @ 4 Ohms)	105dB (2.0V @ 4 Ohms)
MF/HF (450Hz-23kHz)	115dB (2.83V @ 8 Ohms)	110dB (2.83V @ 8 Ohms)
Rated max SPL	138dB average, 144dB peak	134dB average, 140dB peak



DESCRIPTION_

The VQ DF (Down Fill) is a dedicated two way down-firing Mid/High loudspeaker designed to seamlessly integrate with the VQ full range and VQ MB loudspeakers matching their exact foot print. The down firing configuration allows the VQ DF to be tight packed without the need for any complex fly-ware. With a coverage pattern of 80 x 50 degrees, the VQ DF will provide even coverage to the areas immediately below the main flown loudspeakers. For full range use the VQ DF can also be used along with the VQ MB.

The VQ MB is intended for use as a flown or ground stacked, high power low/mid frequency module used in conjunction with full range or mid/high systems in the VQ series. Two (12") low frequency transducers, offer high power handling and low power compression for high continuous SPL capability.

TECH BRIEF_

VQ DF_

VQ MB_

Enclosure Type	2-way mid/high – point source	2-way mid/high – point source
Drive Unit LF	-	2 x 300mm (12.00") Low Frequency Transducers, Semi Horn Loaded
MF/HF	Dual Concentric™ driver loaded into single PSW™ Waveguide	-
Frequency Range (-10dB)	350Hz-27kHz	90Hz - 600Hz
Dispersion	80 x 50 degrees	-
Sensitivity	110dB (2.83V @ 8 Ohms)	105dB (2.0V @ 4 Ohms)
Rated max SPL	134dB average, 140dB peak	135dB average, 141dB peak

OVERVIEW

Offering the same high output capability and class leading pattern control as VQ, the VQ NET range incorporates cutting edge digital signal processing, network control and dual channel Class amplification. The modular approach of amplifiers, processing, monitoring and drivers designed into each VQNET loudspeaker enables acoustic optimization for the speaker to perform as a unified whole.



DESCRIPTION

The intuitive setup software, integrated processing, tuning control, performance diagnostics and protection produces an easy to install and exceptionally high performance networkable loudspeaker. VNET™ supports free network topology so that the loudspeakers can be arranged in a daisy chain, linked in a star configuration or in any combination of both.

System commissioning and ongoing venue network control, incorporating real time diagnostics of electronics and drive unit, are all managed by the exclusive VNET™ software package. Supplied with each VQNET unit, this intuitive Windows tool controls all of the critical install, commissioning and performance monitoring functions.

TECH BRIEF

VQ NET 60

VQ NET 100

VQ NET DF

Enclosure Type	3-Way Full Range - Point Source	3-Way Full Range - Point Source	2-Way Mid/High - Point Source
Drive Unit LF	2 x 300mm (12.00") LF transducers, semi horn loaded	2 x 300mm (12.00") LF transducers, semi horn loaded	-
MF/HF	Dual Concentric™ driver with PSW™ Waveguide	Dual Concentric™ driver with PSW™ Waveguide	Dual Concentric™ driver with PSW™ Waveguide
Frequency Range (-10dB)	90Hz - 27kHz	90Hz-27kHz	350Hz - 27kHz
Dispersion	60 degrees conical	100 degrees conical	80 x 50 degrees
Rated max SPL	138dB average, 144dB peak	134dB average, 140dB peak	-



DESCRIPTION

This versatile, no compromise, all-purpose subwoofer is designed for the most demanding professional applications. The VS218 DR offers exceptional output, high reliability and outstanding sonic performance providing low and VLF reproduction to complement any high SPL full range loudspeakers.

Extending the frequency response of the system to below 30Hz makes the VS218 DR ideal for low frequency effects in high energy clubs, stadiums, live concert halls, theatres, cinemas, large houses of worship and open-air venues. This loudspeaker is capable of delivering deep, powerful bass at high sound pressure levels with extremely low distortion and power compression, while all the time maintaining a uniform frequency response throughout its dynamic range.

With easy rigging and portability in mind the VS218 DR is equipped with 16 unobtrusive recessed carrying handles whilst 16 x 10mm flying inserts provide a secure flying system. The VS218 DR consists of twin 458mm (18.00"), high efficiency drive units producing 106dB/W, with a 100mm (4.00") voice coil. The twin drivers are mounted in an immensely robust 500 litre cabinet constructed from 18mm (5/8") multi-ply birch hardwood and is available in a textured black or white finish as standard. The heavy-duty construction ensures it is able to survive the punishment that speaker systems are subjected to on the road and in club installations.

TECH BRIEF

VS218 DR

Enclosure Type	Subwoofer - Direct Radiating
Drive Unit LF	2 x 458mm (18") Bass drivers
Frequency Range (-10dB)	24Hz - 1.5kHz
Sensitivity	106dB (1W = 2V for 4 Ohms)
Rated max SPL	139dB average, 145dB peak
Recommended amp power	2.4kW - 4kW / 4 Ohms





CONTROLLERS/ AMPS

The three high power amplifiers and two exceptionally flexible digital system controllers in this category are ideally suited to applications ranging from fixed installations to cost-effective live sound systems. Specifically designed and optimised for Tannoy loudspeaker products they enable quick and easy high performance system integration.

In addition there is a range of interface and power supply accessories designed for use with the VNET™ range of loudspeakers.

OVERVIEW

The TA Series of power amplifiers from Tannoy is a compact and versatile line of three professional power amplifiers ranging from 450 to 1050 watts into 2 Ohms, all using conventional toroid iron transformers. To achieve a compact design of 325mm (13.00") deep and 2 rack units high, the latest semiconductor technology is utilised, together with a sophisticated copper cooling system.



DESCRIPTION

The sonic performance inherent in all Tannoy professional products, allied to comprehensive features, ensure these amplifiers are ideally suited to all situations from fixed installations to cost-effective live sound systems. Pioneering work on Electro Magnetic Compatibility (EMC) has led to an advanced chassis design, within the Tannoy TA series. Incorporating a sandwich construction of different iron materials minimises the magnetic hum field; avoiding issues inherent in conventional toroidal and C-core types of iron transformers have always been a cause of hum problems in power amplifier racks where they tend to interfere with more sensitive circuits in, for example, equalizers and active crossovers.

TECH BRIEF

TA600

TA1000

TA1400

Maximum output
(EIA @ 1kHz and 1% THD)

8 Ohms per channel 190W
4 Ohms per channel 300W
2 Ohms per channel 450W
8 Ohms bridged 600W
4 Ohms bridged 900W

8 Ohms per channel 300W
4 Ohms per channel 500W
2 Ohms per channel 700W
8 Ohms bridged 1000W
4 Ohms bridged 1400W

8 Ohms per channel 425W
4 Ohms per channel 700W
2 Ohms per channel 1050W
8 Ohms bridged 1400W
4 Ohms bridged 2100W

Distortion
(THD 20Hz – 20kHz @ 1W to full power)

0.07%

0.07%

0.07%

TDX 1

OVERVIEW

The TDX1 is a '2 in 4 out', powerful, digital system controller, which features Crossover, EQ, Delay and Limiting functions. The superior audio quality of this feature packed unit offers installers and contractors a competitively priced, yet highly versatile solution for flexible system configuration and optimizing the performance of Tannoy loudspeaker systems. Ideally suited to fixed installations and live applications, the TDX1 combines the functions of multiple conventional products in a compact 1U of rack space.



DESCRIPTION

Presets for the most common configurations of the Tannoy product ranges are preloaded in to the TDX1, with a further 100 provided to allow other custom configurations to be programmed. Each input has gain control and 4 bands of parametric EQ with band 1 and 4 offering settings for LF and HF shelving response.

The unique routing engine will allow any input to be sent to any output. Butterworth, Bessel and Linkwitz Riley type filters are available on all outputs, which can be configured as 2, 3 or 4-way crossovers. All output channels feature an independent speaker alignment delay (200 ms per channel) and a 4 band parametric EQ for speaker management. Four high performance limiters offer a wide range of control over Attack, Release and Threshold parameters. Two input and four output balanced XLR sockets. SPDIF digital input (44.1 or 48kHz) allowing the signal to be kept in the digital domain. Simple and intuitive signal flow based interface with clear 2 x 16 character backlit LCD.

TECH BRIEF

TDX1

Balanced inputs

Impedance, bal / unbal

Input level, max / min @ 0dBFS

Sensitivity range @ 12dB headroom

A to D conversion

Balanced outputs

Impedance, bal / unbal

Max output level

D to A conversion

Two x XLR
21k Ohms / 13k Ohms
+24dBu / 0dBu
-12dBu to +12dBu
24 bit, 128 x oversampling bitstream
Four x XLR
40 Ohms / 20 Ohms
+14dBu
24 bit, 128 x oversampling bitstream

OVERVIEW

In its basic configuration the Tannoy VNET SC1 is a powerful '2 in 6 out' digital system controller which provides multiple X-Over, EQ, Delay and Limiting options. Using DSP-based digital crossovers with 96kHz sampling rates, this versatile controller will enable simple configuration and optimisation of loudspeakers in terms of speaker management and room EQ functionality.



DESCRIPTION

Two versions of the VNET SC1 are available – one with a VNET™ network card and one without; offering a competitively priced, yet highly versatile solution for flexible system configuration and optimising the performance of loudspeaker systems. Any of the inputs (A, B, or sum) can be routed to any output with the unique routing engine of the VNET SC1. The universal switch mode power supply automatically adapts to mains voltages from 85 to 240 volts.. The 'network enabled' version facilitates VNET™ networking capability with two network ports provided for connection to any Tannoy VNET™ system. Set up of the unit is exceptionally simple thanks to the intuitive signal flow based interface, or it can be controlled from a PC with Tannoy's standard VNET™ software

TECH BRIEF

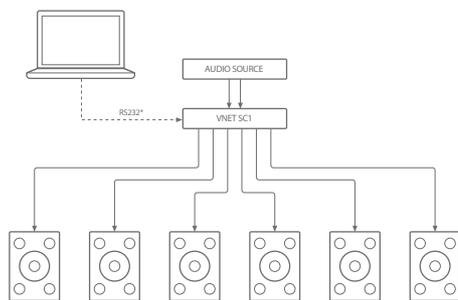
VNET SC1

Inputs	Two x XLR
Outputs	Six x XLR
Sample rate / bit depth	96kHz / 24 bit
Frequency response (+/- 3dB with filters disabled)	10Hz – 40kHz
Frequency response (+/- 0.5dB with filters disabled)	20Hz – 20Hz
LP / HP filter types	12, 18 & 24dB/octave Bessel and Butterworth 12, 24 and 48dB/octave Linkwitz Riley 4th or 8th order Hardman

INSTALLING VNET SC1

INSTALLING THE VNET SC1

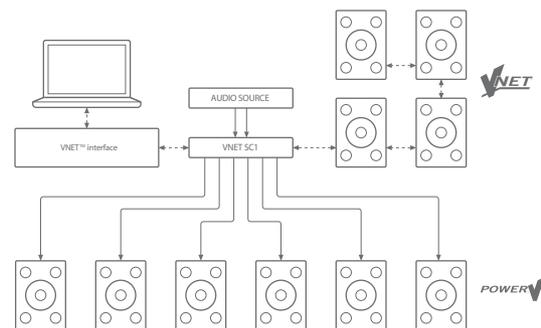
Using a Tannoy VNET SC1 with a powered loudspeaker system
(e.g. Tannoy POWERV™)



* The VNET™ interface allows networking of multiple VNET™ speakers or SC1 controllers

KEY Network connection \longleftrightarrow
Audio connection \longleftrightarrow

Using a network enabled VNET SC1 to combine an existing Tannoy VNET™ system with another loudspeaker system
(e.g. Tannoy POWERV™)



* The VNET™ interface allows networking of multiple VNET™ speakers or SC1 controllers

KEY Network connection \longleftrightarrow
Audio connection \longleftrightarrow





RESIDENTIAL

Tannoy produces a wide range of high quality, premium speaker products for the Residential market, encompassing both traditional hi-fidelity stereo loudspeakers and stylish multi-channel home theatre sound systems. Tannoy also now caters for the digital media player market with the new i30 portable i-Pod speaker system.

This section contains the full range of available products for multi-media application through to standard stereo setup, including the superior Prestige series of speakers, aimed at the true hi-fi connoisseur.





HI-FI & HOME THEATRE

When it comes to setting up a home theatre, obviously a great picture is essential, but to achieve the full scale and impact of the movie experience, the soundtrack should receive equal billing. That's where Tannoy's extensive range of Home Theatre products come in, ranging from the SFX 5.1 to the ultra-stylish premium performance Arena Highline series.

Whatever your specific AV application, be it discrete home entertainment or high specification full range interior sound in conjunction with large format plasma or LCD screen systems, Tannoy offer an effective solution.



SFX 5.1

Ever watched a modern movie without sound?

The real cinematic experience cannot even begin to happen without it. Tannoy has engineered wide frequency bandwidth performance into this compact 5.1 Home Theatre system so that you will hear just what the sound engineer wanted you to hear; from a pin drop to a huge scale explosion this system accelerates effortlessly throughout the dynamic range.



ACCESSORIES	SUPPLIED	OPTIONAL
SFX 5.1	WALL BRACKET	FLOORSTAND
Satellite	•	•

DESCRIPTION

The SFX5.1 satellite and centre channel speakers incorporate Tannoy WideBand™ technology. Extending high frequency response, in this case up to 78kHz, is not about increasing the amount of high frequencies you hear. The purpose is to effect a reduction of phase error, not only at the top end of the frequency range, but also well within the range of human hearing for harmonic recognition.

What does this deliver?

Starting even as low as 5kHz, the effect of phase error reduction improves sonic detail, imaging precision and overall system integration. In 5.1 audio applications WideBand™ improves the total acoustic performance of the system by delivering superior mid-band resolution and remarkable low frequency control, conveying music information with speed, impact and clarity.

These essential acoustic characteristics are further enhanced during movie soundtrack reproduction through the provision of an involving and believable soundstage. The natural voicing of the SFX system's five satellites combine seamlessly with the powerful 100W active subwoofer. Aural effects and action sequences are delivered with impact and speech localisation 'pans' flawlessly left to right and front to rear.

TECH BRIEF

SFX 5.1 SATELLITE

SFX 5.1 CENTRE

Driver type	Discrete	Discrete
WideBand™ HF driver	15mm (0.60") titanium dome	15mm (0.60") titanium dome
Mid / LF driver	75mm (3.00") paper cone	2 X 75mm (3.00") paper cone
Sensitivity (2.83V @1m)	85dB	85dB
Impedance	6 Ohms	6 Ohms
Frequency response	140Hz - 78kHz	140Hz - 78kHz
Finish	Silver or black	Silver or black

TECH BRIEF

SFX 5.1 SUBWOOFER

Power output	100W
Driver size	200mm (8.00") paper cone
Inputs	Twin line or speaker level
Additional features	ON / OFF / AUTO power function
Frequency response (-6dB)	45Hz - 140Hz
Finish	Silver or black



HTS RANGE

Stylish designgreat sound ...home theatre made easy.

Tannoy HTS offers terrific value hassle-free home theatre. Two straight-forward options, each providing outstanding performance and appeal, make it easy to choose which suits you best!

Slim and stylish, the cherry finish contoured wooden cabinets of Tannoy HTS are designed to blend unobtrusively with contemporary décor. Yet these compact 5.1 home theatre systems still have what it takes to deliver class-leading performance.



ACCESSORIES	SUPPLIED	OPTIONAL
HTS 100	WALL BRACKET	FLOORSTAND
Satellite	•	•

DESCRIPTION HTS 100_

The HTS 100 is a discreet, exceptionally compact wall or shelf mount system ideal for smaller spaces. The satellites utilise a 75mm (3") mid bass driver and a 19mm (3/4") Tannoy WideBand™ extended bandwidth high frequency unit with a frequency range from 100Hz to 40kHz. Housed in a rigid wooden enclosure they integrate superbly with the centre channel and 200mm (8") active subwoofer to deliver a convincing, high-energy movie experience.

TECH BRIEF_

SATELLITE_

CENTRE_

SUBWOOFER_

Speaker type	Bookshelf	Bookshelf / stand mount	-
Driver type	Discrete array	Discrete array	-
WideBand™ HF driver	19mm (0.75") titanium dome	19mm (0.75") titanium dome	-
Mid / LF driver	75mm (3.00") paper cone	75mm (3.00") paper cone	-
Sensitivity (2.83V @1m)	87dB	87dB	-
Impedance	6 Ohms	8 Ohms	-
Frequency response	100Hz – 40kHz	100Hz – 40kHz	(-6dB) 29Hz – 200Hz
Finish	Cherry or black ash	Cherry or black ash	Cherry or black ash
Power output	-	-	100W
Driver size	-	-	200mm (8.00") paper cone
Inputs	-	-	Line input or speaker level
Additional features	-	-	ON / OFF / AUTO power function

DESCRIPTION HTS 200_

If both movies and music is your passion you really should consider the HTS 200. This package would definitely be the natural choice for larger rooms, where the fuller acoustic benefits of the floor standing tower speakers across the front soundstage will be fully appreciated. Their twin 75mm (3") mid bass and 19mm (3/4") wide bandwidth high frequency driver array certainly packs an extra punch.

Partnered with the centre channel and active subwoofer the complete system delivers accurate and dynamic mid and high frequency combined with rich and powerful bass. This clean and natural acoustic balance ensures that movie soundtracks are delivered with scale and impact while the musical agility, subtlety and detail accuracy essential for the accurate reproduction of audio recordings are satisfyingly presented.

TECH BRIEF_

SATELLITE_

CENTRE_

TOWER_

SUBWOOFER_

Driver type	Discrete	Discrete	Discrete	-
WideBand™ HF driver	19mm (0.75") titanium dome	19mm (0.75") titanium dome	19mm (0.75") titanium dome	-
Mid / LF driver	75mm (3.00") paper cone	2 X 75mm (3.00") paper cone	2 X 75mm (3.00") paper cone	-
Sensitivity (2.83V @1m)	87dB	87dB	88dB	-
Impedance	6 Ohms	8 Ohms	6 Ohms	-
Frequency response	100Hz – 40kHz	100Hz – 40kHz	80Hz – 40kHz	(-6dB) 29Hz – 200Hz
Finish	Cherry or black ash	Cherry or black ash	Cherry or black ash	Cherry or black ash
Power output	-	-	-	100W
Driver size	-	-	-	200mm (8.00") paper cone
Inputs	-	-	-	Line input or speaker level
Additional features	-	-	-	ON / OFF / AUTO power function



ARENA

A radical home theatre system from Tannoy. Blending form and function, this beautifully crafted audio system offers much more than gorgeous styling. Exceptional acoustic performance combines with application flexibility to deliver a system that defines the category.

The system comprises four satellite loudspeakers, a dedicated centre channel loudspeaker and an active subwoofer. Accessories provided include grilles, speaker cable, spikes and spike protection boots for use on polished surfaces. Lavishly finished, the Arena system is available in a choice of magnificent high gloss colours - bronze, silver, white or black.



For: Styling, build, flexibility, thoughtful design – and stunning sound quality.
Against: Nothing





"Sublime performance with a design perfect for contemporary home."



"Eye-catching style with genuine high fidelity sound."

ACCESSORIES	OPTIONAL	
	TABLE / WALL BRACKET	FLOORSTAND
Satellite	●	●
Centre	●	

DESCRIPTION

The satellite speakers bring together Tannoy's wide bandwidth expertise into a miniature 100mm (4.00") point source Dual Concentric™ drive unit. A single SuperTweeter™ equipped Dual, offering excellent dispersion characteristics and imaging, is integrally moulded into the baffle of the organically styled satellite speakers. Extending the bandwidth effectively provides a more focussed sound stage, with vocals and instruments clearly more separate and distinct. Percussive sounds have more reality and impact.

As a vital component in a home theatre system, the dedicated centre channel loudspeaker is equipped with a supplementary bass driver to augment power handling. The rigid acoustic shell of the satellite and centre channel speakers, robustly constructed in cast aluminium, provides full acoustic optimisation of the drive units. Both are also magnetically shielded to eliminate colour fringing effects when placed close to a television.

Optional table stands for the satellite and centre channel speakers are fitted with a swivel mechanism allowing precise adjustment. The same stands are also equipped with a wall mounting plate and a carefully designed cable management system. There is also an elegant floor stand option. Depending on available space or the desired visual effect, the subwoofer provides various orientation options to optimise acoustic coupling to the listening room. The 250mm (10") driver can thus be positioned facing downwards, sideways or forwards.

TECH BRIEF

ARENA SATELLITES

ARENA CENTRE

Enclosure type	Ported	Ported
Driver type	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	19mm (0.75") WideBand™ titanium dome	19mm (0.75") WideBand™ titanium dome
Dual Concentric™ Mid / LF	100mm (4.00") treated paper pulp	100mm (4.00") treated paper pulp
Bass driver	-	100mm (4.00") treated paper pulp
Impedance	8 Ohms	8 Ohms
Sensitivity (2.83V @1m)	88dB (2.83V @1 metre)	88dB (2.83V @1 metre)
Frequency response (-6dB)	80Hz - 54kHz	80Hz - 54kHz
Finishes	Black, silver, white or bronze	Black, silver, white or bronze

TECH BRIEF

ARENA SUBWOOFER

Power output	300W
Driver size	250mm (10.00") paper cone
Inputs	Line level phono input
Additional features	Phase control, crossover defeat, soft limiting and LF extension
Low frequency response (-6dB)	29Hz
Finishes	Black, silver, white or bronze



ARENA LITE

Arena Lite is a special edition to the Arena family designed to make Arena's inspirational style and award-winning performance more affordable than ever. The same stunning looks, the same precision build quality and the same award-winning sound, but now offered as an affordable 'Lite' package with the wide choice of Arena accessories available as optional extras.

The Arena Lite package comes with Tannoy's potent yet discreet TS10 subwoofer. This compact sub features a 300Watt amplifier and 10 inch bass driver to deliver a huge home cinema punch and is tuned to seamlessly integrate with the satellite speakers. With Arena Lite satellites and centre speakers available in piano black or deep-lustre silver, owners can create wholly unique colour ways by mixing and matching optional rubber baffle trims (see accessories for colour options), wall brackets, stands and speakers grilles. A huge variety of colour combinations are possible, from subtle shades to dramatic contrasts, making Arena Lite the flexible and affordable way to own Tannoy's flagship compact loudspeaker system

HOME CINEMA
Choice

"The gutsy performance suits movie soundtracks really well."



RESIDENTIAL

DESCRIPTION

Core to both Arena and Arena Lite systems, the beautifully formed satellite speakers bring together Tannoy's wide bandwidth expertise into a miniature 100mm (4.00") point source Dual Concentric™ drive unit. A single SuperTweeter™ equipped Dual, offering excellent dispersion characteristics and imaging, is integrally moulded into the baffle of the organically styled satellite speakers. Reassuringly weighty, the precision-cast alloy enclosures are finished with a soft-touch baffle and high-gloss coachwork to maintain Arena's designer chic throughout.

As a vital component in a home theatre system, the dedicated centre channel loudspeaker is equipped with a supplementary bass driver to augment power handling. The rigid acoustic shell of the satellite and centre channel speakers, robustly constructed in cast aluminium, provides full acoustic optimisation of the drive units. Both are also magnetically shielded to eliminate colour fringing effects when placed close to a television.

Optional table stands for the satellite and centre channel speakers are fitted with a swivel mechanism allowing precise adjustment. With just the essential ingredients, Arena Lite makes this award winning combination more affordable to own than ever.

TECH BRIEF

SATELLITE

CENTRE

Enclosure type	Ported	Ported
Driver type	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	19mm (0.75") WideBand™ titanium dome	19mm (0.75") WideBand™ titanium dome
Dual Concentric™ Mid / LF	100mm (4.00") treated paper pulp	100mm (4.00") treated paper pulp
Bass driver	-	100mm (4.00") treated paper pulp
Impedance	8 Ohms	8 Ohms
Sensitivity (2.83V @1m)	88dB (2.83V @ 1 metre)	88dB (2.83V @ 1 metre)
Frequency response (-6dB)	80Hz – 54kHz	80Hz – 54kHz
Finishes	Black, silver,	Black, silver

TECH BRIEF

TS10 SUBWOOFER

Power output	300W RMS
Driver size	250mm (10.00")
Inputs	2 x line level phono, 2 x XLR balanced
Additional features	Phase control, crossover defeat, soft limiting and LF extension
Low frequency response (-6dB)	29Hz
Finishes	Soft touch black

ARENA ACCESSORIES

OVERVIEW

Available as optional accessories, Arena's versatile mounting platforms maximise performance while enabling a variety of room integration solutions. Table stands for the satellite and centre channel speakers are fitted with a swivel mechanism allowing precise adjustment. Using an Allen key to loosen the ball joint clamping plate, the table stand, with its integral mounting plate, can be converted into an attractive and functional wall bracket.

An elegant floor stand option, also constructed from cast aluminium, completes the fully integrated design package.

Speaker cable can be hidden from view by routing it through the rear of the table stand or wall bracket right through the centre of the ball joint, or through the column of the elegant floor stand option.

Further customisation of Arena, to suit the surrounding décor or personal taste, is possible using the optional trim kits. The rubberised fascia plate trim on the satellites and centre channel is available in a variety of colours; white, black, bronze, coral red, lilac, mint green, pacific blue or saffron yellow.



Coral

Black



Saffron



Bronze



Pacific



Lilac



Mint







ARENA HIGHLINE RANGE

Arena HighLine loudspeaker ranges combine meticulously crafted design, exceptional acoustic performance and application flexibility to deliver systems that define the category.

Elegantly coordinating with flat screen televisions, the HighLine range offers two style and technology options, each with three exquisitely designed models, a choice of two colour coordinated subwoofers and collection of accessories; all of which allow a wide variety of complete home theatre system options.

Invisible wall mount brackets are supplied as standard for the centre channel and satellite speakers, allowing simple, effective and completely unobtrusive installation. Low profile table stands and height adjustable floor stands, all with carefully thought through cable management, are available as optional accessories ensuring a seamless fit within any contemporary décor scheme.

ARENA HIGHLINE 300



ACCESSORIES	SUPPLIED		OPTIONAL	
	WALL BRACKETS	TABLE STAND	TABLE STAND	FLOOR STAND
HIGHLINE 300				
Satellite	•		•	•
Centre	•	•		

DESCRIPTION_

A multiple driver array is used in the compact Highline 300 series which has been engineered to provide a greater uniform coverage area of the sound. Using exactly the same driver complement in each of the loudspeakers within the full system ensures a synergy of sound which is a crucial element for the very best home theatre experience.

For maximum acoustic integrity of the drive units the already robust, thick walled aluminium extruded cabinet is further internally braced at strategic points throughout its length to ensure perfect reproduction.

The high efficiency 300 Watt power amplifier in the TS300 subwoofer delivers exceptional performance and bandwidth to deliver the huge dynamics demanded by modern movie soundtracks.

Highline 300 models are lavishly finished in silky smooth matt silver or black.

TECH BRIEF_ SATELLITE_ FLOOR STAND_ CENTRE_

Driver type	D'Appolito array	D'Appolito array	D'Appolito array
HF	19mm (0.75")	19mm (0.75")	19mm (0.75")
Mid / LF	4 x 75mm (3.00")	4 x 75mm (3.00")	4 x 75mm (3.00")
Impedance	8 Ohms	8 Ohms	8 Ohms
Sensitivity (2.83V @1m)	87dB	87dB	87dB
Frequency response (-6dB)	95Hz - 62kHz	80Hz - 62kHz	95Hz - 62kHz
Finishes	Matt black or silver	Matt black or silver	Matt black or silver

TECH BRIEF_ TS300 SUBWOOFER_

Power output	300W
Driver size	250mm (10.00") paper cone
Inputs	Line level phono input
Additional features	Phase control, crossover defeat, soft limiting and LF extension
Low frequency response (-6dB)	29Hz
Finishes	Gloss black or silver

ARENA HIGHLINE 500



"Innovative and remarkable."



'European Home Theatre Loudspeaker 2007 – 2008'



'Best style Speaker Package £2000+'

RESIDENTIAL

ACCESSORIES	SUPPLIED		OPTIONAL	
	WALL BRACKETS	TABLE STAND	TABLE STAND	FLOOR STAND
HIGHLINE 300				
Satellite	•		•	•
Centre	•	•		

DESCRIPTION

Incorporating the same technology for which the original Arena models have been internationally praised, a 100mm (4.00") version of Tannoy's world famous proprietary Dual Concentric™ drive unit is complemented by a bass drive unit of the same size within all components of the Highline 500 system. Using exactly the same driver complement in each of the loudspeakers within the full system ensures performance on and off axis is achieved over the full frequency range, delivering a synergy of sound which is a crucial element for the very best home theatre experience.

For maximum acoustic integrity of the drive units the already robust, thick walled aluminium extruded cabinet is further internally braced at strategic points throughout its length to ensure perfect reproduction.

The high efficiency 500 Watt power amplifier in the TS500 subwoofer delivers exceptional performance and bandwidth to deliver the huge dynamics demanded by modern movie soundtracks.

A sumptuous deep gloss mirror-like silver or black finish is available on the Highline 500 models.

TECH BRIEF

SATELLITE

CENTRE

TOWER

Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	19mm (0.75")	19mm (0.75")	19mm (0.75")
Dual Concentric™ Mid / LF	100mm (4.00")	100mm (4.00")	100mm (4.00")
LF	100mm (4.00")	100mm (4.00")	100mm (4.00")
Impedance	8 Ohms	8 Ohms	8 Ohms
Sensitivity (2.83V @1m)	88dB	88dB	88dB
Frequency response (-6dB)	85Hz – 54kHz	75Hz – 62kHz	85Hz – 54kHz
Finishes	Gloss black or silver	Gloss black or silver	Gloss black or silver

TECH BRIEF

TS500 SUBWOOFER

Power output	500W
Driver size	300mm (12.00") paper cone
Inputs	Line level phono input
Additional features	Phase control, crossover defeat, soft limiting and LF extension
Low frequency response (-6dB)	26Hz
Finishes	Gloss black or silver



SUBWOOFER RANGE

Tannoy produces a range of compact active subwoofers designed to enhance the performance of stereo or multi-channel loudspeaker systems. These versatile subwoofers offer stereo line level inputs, which can either utilise or bypass the system's internal crossover circuitry. An external control allows the low frequency extension to be adjusted manually from around 60Hz down to the unit's lowest operating frequency. This useful feature ensures the optimum settings for music or home cinema listening, adjustment to match the relative level of the main speakers or just setting to personal taste. Users with balanced systems will be able to make use of the fitted XLR inputs and outputs provided.



DESCRIPTION

The BASH® amplifier technology utilised in the subwoofers, is a patented high efficiency power amplifier circuit topology that has taken the best of Class D and Class AB and created a new Class of its own. The digital power amplifier with its patented switch mode power supply delivers exceptional performance and excellent bandwidth with long-term reliability.

Other features of the TS series include an auto power on and sleep function whereby the system will go into a 'stand-by' mode if no signal is detected for approximately 12 minutes. Circuitry is fitted to limit the maximum sound output in order to eliminate audible distortion. There is a gain control to adjust output level and a phase control to allow more precise matching with the room and the rest of the system. In their soft-touch grey finish, these new Tannoy subwoofers are unobtrusive in both colour and size.

TECH BRIEF

	TS8	TS10	TS12
Driver type	Down firing closed box	Down firing closed box	Down firing closed box
Driver size	200mm (8.00")	250mm (10.00")	300mm (12.00")
Low frequency response (-6dB)	32Hz	29Hz	26Hz
Output power	200W RMS	300W RMS	500W RMS
Inputs	2 x line level phono	2 x line level phono	2 x line level phono
Outputs	2 x XLR balanced	2 x XLR balanced	2 x XLR balanced
Features	Phase control, crossover defeat, soft limiting and LF extension control	Phase control, crossover defeat, soft limiting and LF extension control	Phase control, crossover defeat, soft limiting and LF extension control
Finish	Soft touch black	Soft touch black	Soft touch black



DEFINITION INSTALL

The Definition Install range has been designed around the unique high sensitivity Tannoy Dual Concentric™ drive unit to bring class leading performance to a wide range of installation applications; from media rooms to home theatre and boardrooms through to high end marine interiors these loudspeakers deliver class leading accuracy, sensitivity and dynamics.

The compact MDF cabinets of the Definition Install series are vented and rigidly constructed with extensive bracing to be acoustically inert. The speakers are designed to be hidden within a custom designed installation; mounted on wall either behind a screen or acoustically transparent decorative panels with no appreciable loss of performance.

OVERVIEW_

These speakers are designed to be hidden within a custom designed installation; mounted on wall either behind the screen or acoustically transparent decorative panels with no appreciable loss of performance. The units can be mounted either horizontally or vertically using the integral keyhole mounts and the supplied wall plate.



DESCRIPTION_

Designed to be used in left, centre or right locations the DC6i, DC8i and DC12i are capable of explosive dynamics with stunning detail in both music and movie application in vast array of listening and viewing environments.

The Dual Concentric™ is effectively two drivers properly merged into one where, unlike ordinary drive units, the high frequency unit is positioned on the back of the low frequency driver. As a result they are on same axis, so ensuring that sound energy is effectively propagated from the same point and delivered through the centre of the low frequency cone as true point source.

TECH BRIEF_	DC6i_	DC8i_	DC12i_
Speaker type	MDF, vented and braced	MDF, vented and braced	MDF, vented and braced
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	150mm (6.00")	200mm (8.00")	300mm (12.00")
Rated max SPL (Ave)	110dB	113dB	120dB
Sensitivity (2.83V @1m)	90dB	92dB	97dB
Impedance	8 Ohms	8 Ohms	8 Ohms
Frequency Range	70Hz-45KHz	62Hz-45KHz	50Hz-38KHz



DESCRIPTION_

The exceptionally versatile, high power handling iw60 EFX is able to extract the full potential of contemporary multi-channel soundtracks; an in wall surround / effects speaker designed to reproduce the same bandwidth and sound pressure levels as the main speakers.

Capable of an effortless and powerful performance to rival that of the cabinet based models in the range, the iw63 DC is equipped with a 165mm (6.50") Dual coupled with two 165mm (6.50") high output woofers.

Both are built in heavily braced and comprehensively damped MDF cabinets that are supplied with a paintable, flush mounting grille designed to blend seamlessly into any architectural space. A mounting frame is available as an optional pre-installation accessory to fit into standard construction 2" x 4" stud walls.

TECH BRIEF_	iw63 DC_	iw60 EFXi_
Speaker type	MDF, vented and braced in-wall	MDF, vented and braced in-wall
Driver type	Dual Concentric™	Dual Concentric™
Music Mode	1 x 165mm (6.50") Dual Concentric™	-
Cinema Mode	2 x 100mm (4.00") Dual Concentric™ in dipole configuration	-
LF driver	-	2 x 165mm (6.50") woofers
Mid/HF driver	-	1 x 165mm (6.50") Dual Concentric
Rated max SPL (Ave)	110dB	111dB
Sensitivity	90dB	91dB
Impedance	8 Ohms in music mode 4 Ohms in cinema mode	8 Ohms in music mode 4 Ohms in cinema mode
Frequency range	74Hz-27KHz	54Hz-40KHz

DEFINITION INSTALL



DESCRIPTION_

The Definition Install DS12i and DS15i subs have been designed to underpin a Definition Install theatre or media room system with truly remarkable low frequency performance.

Massively constructed around either 12" or 15" professional drive units, this subwoofer will produce the ultimate soundtrack experience, with spectacular and thunderous bass, yet still be agile enough to maintain finer musical detail with precision and speed.

The DSI subs are compact enough to bring class leading performance to a wide range of installation applications; from media rooms to home theatre and boardrooms through to high end marine interiors.

TECH BRIEF_

DS12i SUB_

DS15i SUB_

Enclosure type	Direct radiating subwoofer	Direct radiating subwoofer
Driver size	300mm (12.00")	380mm (15.00")
Sensitivity	94dB	96dB
Low frequency response	38Hz	36Hz
Average rated max SPL	120dB	124dB





MERCURY F CUSTOM RANGE

Highly acclaimed by reviewers and the audiophile community worldwide for over twenty five years, the Mercury product range takes yet another step forward acoustically with the introduction of the Mercury F Custom Series. A number of enhancements have been made within the Mercury F Custom models to ensure superior performance for high fidelity listening:

Crossover - the revised and upgraded crossover topology includes an audiophile grade ICW Clarity Cap™ polypropylene capacitor in the tweeter feed. The changes deliver greater high frequency detail, better imaging and more control at the bottom end.

Tannoy DMT™ (Differential Material Technology) - the interface between drive unit and the cabinet structure is crucial and this area is given special attention in the F1 and F4 Custom models. Bracing materials of different acoustic properties are used to dampen the driver to the internal bracing and then to the enclosure body itself; resulting in an exceptionally well damped structure that minimises the effect of unwanted resonances.

Wiring - the internal wiring has been replaced with high purity Van den Hul silver plated cable for lower energy loss and greater transparency.

Termination panel - the termination panels on the F1, F4 and FC Custom models have been upgraded with high quality gold plated brass terminals, for minimum information loss.



DESCRIPTION

The Tannoy Mercury F Custom range offers a choice of loudspeakers of truly outstanding performance and value. Perfectly proportioned and easy to drive, a large scale performance will be delivered with even entry level A/V receivers and hi-fi amplifiers.

Dense wood material used for the cabinet construction, including a substantial MDF front baffle, provides the essential cabinet rigidity required of a good loudspeaker design. Solidly built bass and treble units provide exceptional acoustic performance and long-term reliability. The bass performance is rich and powerful while the mid and high frequency presentation is accurate, clear and dynamic. This natural sounding acoustic balance allows Mercury F Custom loudspeakers to reveal all the scale and impact of movie soundtracks and the subtle nuances of complex audio recordings. The commonality of drive unit design and voicing characteristics throughout the range ensures full acoustic synergy within a 5.1 configuration.

One listen and you'll know precisely what we're talking about.

To cater for both modern and more traditional décor, all the models are offered in either an apple wood or dark oak vinyl veneer.

TECH BRIEF

CUSTOM F1

CUSTOM F4

Speaker type	Bookshelf	Floorstanding
Driver type	Discrete array	Discrete array
HF driver	25mm (1.00") soft dome	25mm (1.00") soft dome
Mid / LF driver	130mm (5.00")	2 x 165mm (6.50")
Sensitivity (2.83V @1m)	87dB	91dB
Impedance	8 Ohms	8 Ohms
Frequency response	55Hz - 20kHz	34Hz - 20kHz
Finish Colour	Apple or Dark Oak	Apple or Dark Oak

TECH BRIEF

CUSTOM FC

CUSTOM FR

Speaker type	Centre channel	Rear effects
Driver type	Discrete array	Discrete array
HF driver	25mm (1.00") soft dome	25mm (1.00") soft dome
Mid / LF driver	2 x 100mm (4.00")	100mm (4.00")
Sensitivity (2.83V @1m)	90dB	86dB
Impedance	8 Ohms	8 Ohms
Frequency response	68Hz - 20kHz	59Hz - 20kHz
Finish Colour	Apple or Dark Oak	Apple or Dark Oak



REVOLUTION

Refined yet passionate, articulate yet authoritative, elegant yet demanding of attention: Tannoy Revolution changes the face of loudspeaker design. From the luxurious real wood finish trapezoidal cabinets to Tannoy's unique Dual Concentric™ drive unit, Revolution blends cutting-edge technology with slim and stylish contemporary design to deliver musical excellence and movie performances to thrill the senses.

Latest technologies, engineering principles and cabinet construction combine for a compact, sumptuous loudspeaker with the accuracy, scale and drama of much larger traditional designs. All three models and the dedicated subwoofer are hand finished in a choice of Light Oak or the darker Espresso veneer and equipped with comprehensive system connectivity for easy partnering with your home theatre electronics. **Join the revolution!**



DESCRIPTION

In two channel systems Revolution excels at pin-point imaging and revealing the finest of musical details. The WideBand™ Dual Concentric™ driver delivers genuine three-dimension imaging underpinned by low frequency extension that combines sheer visceral attack with the expressive tonal detailing required for woodwind and bass string instruments.

With multi-channel music and film soundtracks, Revolution delivers a huge soundstage backed by stunning transient impact and deep bass effects. The voice-matched dialogue speaker uses an identical driver configuration to preserve seamless surround integration and crisp, timbre-perfect voices irrespective of genre or volume.

Whether you love music or movies, Beatles or Bach, drama or all-action adventure, Revolution delivers with passion and elegance in equal measure; opulent looks, powerful performance and ideally suited to the widest range of source formats from vinyl LP to DTS HD Master Audio.

TECH BRIEF

	DC4	DC4 T	DC4 LRC
Speaker type	Bookshelf / stand mount	Floor stand	Centre channel
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	19mm (0.75") Titanium dome	19mm (0.75") Titanium dome	19mm (0.75") Titanium dome
Dual Concentric™ Mid / LF	100mm (4") treated paper pulp cone	100mm (4") treated paper pulp cone	100mm (4") treated paper pulp cone
Voice Coil	33mm (1.33") edge wound voice coil	33mm (1.33") edge wound voice coil	33mm (1.33") edge wound voice coil
Low frequency	-	-	-
Sensitivity (2.83V @1m)	87dB	87dB	87dB
Impedance	8 Ohms	8 Ohms	8 Ohms
Frequency response (-6db)	68Hz – 54kHz	54Hz – 54kHz	72Hz – 54kHz
Finish	Light oak and Espresso	Light oak and Espresso	Light oak and Espresso



REVOLUTION SIGNATURE

From the compact stand-mount DC4 to the imposing yet elegant DC6T, Revolution Signature will bring music to life in your living room. Coupled with the horizontal DC4 LCR or DC6 LCR the range can be configured as a dynamic multi-channel system with class-leading dynamics, power handling and efficiency. A unique blend of aesthetic majesty and stunning acoustics with the power and passion to transport you to an oasis of sanctuary far removed from today's hectic lifestyles.

Whether it's the stunning ambience of the Vienna Opera House, the smoky atmosphere of a moody jazz club or the livewire energy of a rock concert, Revolution Signature delivers a truly musical and involving experience. Using the latest evolution of Tannoy's acclaimed Dual-Concentric™ drivers, pin-point imaging and outstanding dynamic accuracy get right to the heart and soul of the music. The sophisticated, smoothly curved cabinets are hand-finished in fine furniture grade wood veneers creating graceful lines that integrate seamlessly with traditional or contemporary décor. With two finishes and six models to choose from, the Revolution Signature offers extraordinary musical escapism at a real world price.



Revolution Signature DC6T
 "Everything about these Tannoys says quality."



Revolution Signature
 Best Loudspeaker System 2008



Revolution Signature DC6T
 "Excellent on rock and pop, and simply outstanding on classical."



RESIDENTIAL

DESCRIPTION

While the curved wall cabinet gives the Revolution Signature its unique look and compact footprint, its beauty is more than skin deep. With few parallel walls, internal resonances and reflections are all but eliminated creating a speaker with ultra-low cabinet colouration. The design is further enhanced with extensive internal bracing and the use of Tannoy's ingenious DMT™ (Differential Material Technology) to enhance resolution of fine detail.

A statement of sensual style in Light Oak or dark Espresso real wood veneers, every Revolution Signature loudspeaker is hand finished to the highest degree. From the smooth lines of the brushed metal trim to the sculpted reflex ports and discrete logo, the range is further enhanced to weave its magic as much on the eye as on the ear. Passion, performance and precision 80 years in the making - and more affordable than you might think.

TECH BRIEF

Speaker type

Driver type

Dual Concentric™ HF

Dual Concentric™ Mid / LF

Voice Coil

Low frequency

Sensitivity (2.83V @1m)

Impedance

Frequency response (-6db)

Finish

DC4

Bookshelf / stand mount

Dual Concentric™

19mm (0.75") Titanium dome

100mm (4") treated paper pulp cone

33mm (1.33") edge wound voice coil

-

87dB

8 Ohms

62Hz - 54kHz

Light oak and Espresso

DC4 T

Floor stand

Dual Concentric™

19mm (0.75") Titanium dome

100mm (4") treated paper pulp cone

33mm (1.33") edge wound voice coil

-

87dB

8 Ohms

55Hz - 54kHz

Light oak and Espresso

DC4 LRC

Centre channel

Dual Concentric™

19mm (0.75") Titanium dome

100mm (4") treated paper pulp cone

33mm (1.33") edge wound voice coil

-

87dB

8 Ohms

55Hz - 54kHz

Light oak and Espresso

TECH BRIEF

Speaker type

Driver type

Dual Concentric™ HF

Dual Concentric™ Mid / LF

Voice Coil

Low frequency

Sensitivity (2.83V @1m)

Impedance

Frequency response (-6db)

Finish

DC6

Bookshelf / stand mount

Dual Concentric™

25mm (1") Titanium dome

150mm (6") treated paper pulp cone

44mm (1.75") edge wound voice coil

-

88dB

8 Ohms

46Hz - 35kHz

Light oak and Espresso

DC6 T

Floor stand

Dual Concentric™

25mm (1") Titanium dome

150mm (6") treated paper pulp con

44mm (1.75") edge wound voice coil

-

88dB

8 Ohms

34Hz - 35kHz

Light oak and Espresso

DC6 LRC

Centre channel

Dual Concentric™

25mm (1") Titanium dome

150mm (6") treated paper pulp con

44mm (1.75") edge

-

89dB

8 Ohms

36Hz - 35kHz

Light oak and Espresso



DIMENSION RANGE

The Tannoy Dimension series, comprising three true audiophile floor-standing loudspeakers, with an additional centre channel and active subwoofer providing a complete wide bandwidth home cinema system, incorporates the very latest wide bandwidth technology in an acoustically optimised cabinet.

The cabinet design of the range is a trapezoidal shape with sloping top panel, to counter the detrimental effect of internal standing waves, with the top of the range TD12 also sporting a sloping cabinet base. The finish is a stunning combination of real cherry veneer and polished alloy trim. The matching SuperTweeter™, machined out of a solid block of alloy, sits on a cushion of black velvet so as not to re-radiate high frequency energy off the cabinet top panel. The acoustically inert velvet and the low diffraction rounded edge of the baffle ensure superior imaging.



DESCRIPTION

At the heart of each model is a Tannoy Dual Concentric™ drive unit featuring a fibre composite cone material, carefully chosen to obtain a light but very stiff structure providing exceptional grip and control of bass transients, and twin-roll surround providing enhanced midrange performance and tight, fast bass with tremendous low frequency extension.

A Tannoy SuperTweeter™ is incorporated into the design of all Dimension models, not only to resolve fine detail of high frequency information but also to effectively enhance the listening experience even at lower frequencies. The tremendous bandwidth of the Dimension models allows the listener to experience far wider bandwidth information of instruments than with conventional loudspeakers. This extended bandwidth benefit is not only restricted to SACD / DVDA technology however, these acoustic improvements are immediately apparent even when using a 'red book standard' CD player with a 20kHz upper frequency. The SuperTweeter™ provides an increased immediacy, airiness and impact making music sound more natural and true to life.

Electrical filtering via the system's crossover is kept to a minimum because the drive unit performance has been optimised to form a near-natural transition throughout the frequency range. The bi-wired, hard-wired passive, low loss, true 6th order Linkwitz Riley crossover is precisely customised to Tannoy's engineers' special demands, utilising non-standard component values specified to an accuracy of 2 decimal places. This total system view of crossover design ensures a far more natural presentation of music to the listener.

The Dimension range is an innovative blend of beautiful styling and ground-breaking technical achievement - sound and science in perfect harmony.

TECH BRIEF	TD8	TD10	TS12	TDC
Speaker type	Floor stand	Floor stand	Floor stand	Centre channel
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™	Dual Concentric™
SuperTweeter™	25mm (1.00") 25 micron titanium dome			
Dual Concentric™ HF	25mm (1.00") 50 micron aluminium dome	25mm (1.00") 50 micron aluminium dome	33mm (1.25") 50 micron aluminium dome	25mm (1.00") 50 micron aluminium dome
Dual Concentric™ Mid / LF	200mm (8.00")	254mm (10.00")	300mm (12.00")	200mm (8.00")
Low frequency	-	-	-	2 X 200mm (8.00")
Sensitivity (2.83V @1m)	90dB	91dB	92dB	92dB
Impedance	6 Ohms	6 Ohms	6 Ohms	6 Ohms
Frequency response (-6db)	42Hz - 54kHz	38Hz - 54kHz	30Hz - 54kHz	42Hz - 54kHz

TECH BRIEF	TDSUB
Enclosure type	Damped reflex
Amplifier type	DC coupled MOSFET
Output Power	200W RMS / 400W Peak
Driver type	Long throw heavy duty cast chassis
Driver size	380mm (15.00")
Input Connectors	Twin phono connectors, line level 4mm sockets, speaker level
Frequency range	18 - 100Hz, with variable low pass filter

Please Note: Dimension TD Subwoofer is not available in North America.





PRESTIGE RANGE

Tannoy Prestige loudspeakers have certainly always been out of the ordinary; wonderfully individual and totally unlike any other speakers. Distinctive, distinguished and proud, they transcend mere fashion and have captured the imagination of music connoisseurs all over the world.

The designs comfortably complement any decor from ancient castle through to cool, casual and contemporary. The only rules we absolutely adhere to when designing and crafting Prestige loudspeakers is to utilise the most up to date, no compromise, acoustic technologies and time-proven cabinet making skills ensuring these are probably the very best sounding loudspeakers you will find ...anywhere.



PRESTIGE SE

Having re-evaluated the performance of models throughout the Prestige range, Tannoy engineers selected the latest cutting edge components and materials at their disposal to introduce several performance enhancing amendments to the crossover topologies. As such, the SE versions of the Prestige series combine the very latest technical developments and manufacturing principles with timeless aesthetic design. Superb reproduction capabilities and exceptionally wide dynamic range ensure every SE model retains its individual status as a high performance loudspeaker for the discerning music lover.



DESCRIPTION_

Although the most compact floor-standing loudspeakers in the Tannoy Prestige range, they compromise nothing compared to their larger siblings in terms of the standard of craftsmanship and acoustic engineering. The hand made cabinets, constructed from carefully selected walnut, is finished to an exceptionally high standard. The Tannoy Dual Concentric™ driver and premium quality crossover combine with this rigid enclosure to ensure optimum performance.

These three models incorporate a completely redesigned crossover which benefits from the most up-to-date high quality components. ICW ClarityCaps, with special Tannoy DMT™ isolation sleeve, are used for high frequency (HF) section, while premium quality metalised film capacitors and very low loss laminated iron core inductors are at the heart of the LF section.

Van Den Hul MC CS18 halogen free silver-plated cable completes all the internal connections from input terminals to crossover, internal crossover wiring and crossover to the Dual Concentric™ drive unit. The large gold plated bi-wire terminals on the unique, five point round terminal panels are equipped with high quality link cables.

TECH BRIEF_

TURNBERRY SE_

STIRLING SE_

SANDRINGHAM SE_

Enclosure type	Distributed port	Distributed port	Complex reflex distributed port
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	33mm (1.50") aluminium alloy dome	25mm (1.00") aluminium alloy dome	25mm (1.00") aluminium alloy dome
Dual Concentric™ Mid / LF	254mm (10.00") treated paper pulp	254mm (10.00") treated paper pulp	200mm (8.00") treated paper pulp
Voice coil	52mm (2.00") edge wound voice coil	42mm (1.50") edge wound voice coil	42mm (1.50") flat copper ribbon voice coil
Impedance	8 Ohms	8 Ohms	8 Ohms
Sensitivity	93dB (2.83V @1 metre)	91dB (2.83V @1 metre)	90dB (2.83V @1 metre)
Frequency response (6dB)	34Hz – 25kHz	35Hz – 25kHz	39Hz – 25kHz
Continuous power handling	110 Watts RMS	95 Watts RMS	95 Watts RMS
Dispersion	90 degrees conical	90 degrees conical	90 degrees conical

Please Note: In the North American market, some Prestige models are special order and delivery is 6-8 weeks.



DESCRIPTION_

The quality of the crossover components used has been upgraded to the highest standard to optimise acoustic performance throughout the loudspeaker's frequency range. Hard-wired crossovers are used throughout and the routing of each cable has been painstakingly considered to ensure there is no degradation in sound quality. Similarly, the components have been carefully arranged to avoid any coupling effects. In particular, incredible transparency in the mid band has been achieved providing an enhanced true-to-life vocal clarity.

Acrolink® cable is used throughout the speakers; from terminal panels to crossovers, crossovers to drivers, LF board wiring and even the bi-wire links, while high purity silver (99.99%) link wires have been chosen on separate HF crossover board. Hovland Musicaps® have been selected for the HF feed capacitor, fitted with a special Tannoy DMT™ (differential material technology) isolation sleeve, with high quality ICW Musicaps chosen for other areas. Vishay thick film non inductive resistors implemented in the critical areas, fitted with extensive heat sinking where necessary, combine with very low loss laminated iron core inductors on the LF section to provide enhanced and consistent sound quality.

Round 5-point (bi-wire and ground point) terminal panels with high quality WBT connectors have been incorporated to ensure easier connection of substantial loudspeaker cable whilst maintaining complete signal path integrity.

The overall aesthetic of the cabinet designs remain unchanged with the exception of updated badges and front baffle trim panels to reflect the 'SE' status.

TECH BRIEF_ KENSINGTON SE_ YORKMINSTER SE_ CANTERBURY SE_

TECH BRIEF_	KENSINGTON SE_	YORKMINSTER SE_	CANTERBURY SE_
Enclosure type	Distributed port	Twin rear ported	Dual variable distributed port system
Driver type	Dual Concentric™	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	51mm (2.00") aluminium alloy dome, Alnico magnet system	51mm (2.00") aluminium alloy dome, Alnico magnet system	51mm (2.00") aluminium alloy dome, Alnico magnet system
Dual Concentric™ Mid / LF	254mm (10.00") treated paper pulp	300mm (12.00") treated paper pulp	380mm (15.00") treated paper pulp
Voice coil	52mm (2.00") round wire voice coil	52mm (2.00") round wire voice coil	52mm (2.00") round wire voice coil
Impedance	8 Ohms	8 Ohms	8 Ohms
Sensitivity	93dB (2.83V @1 metre)	95dB (2.83V @1 metre)	96dB (2.83V @1 metre)
Frequency response (6dB)	29Hz – 22kHz	23Hz – 22kHz	28Hz – 22kHz
Continuous power handling	135 Watts RMS	150 Watts RMS	140 Watts RMS
Dispersion	90 degrees conical	90 degrees conical	90 degrees conical

Please Note: In the North American market, some Prestige models are special order and delivery is 6-8 weeks.



DESCRIPTION

Combining the very best bespoke cabinet making skills with the latest production techniques and acoustic design expertise has constantly been the hallmark of the long-running Tannoy Prestige range. In the Westminster Royal SE, the crowning achievement of the Prestige range, a hand built traditional compound horn loaded enclosure combines with the latest technological innovation in acoustical engineering.

Sharing the crossover design refinements and all the premium quality components that secure SE status for the Kensington, Yorkminster and Canterbury models, the Westminster Royal SE also incorporates the exceptional Tannoy 15" Dual Concentric point source drive unit. The result is acclaimed by audiophile enthusiasts around the globe as embodying all that is essential in a classic Tannoy loudspeaker.

High frequency sound radiates from the centre of the low frequency unit through a carefully designed high frequency exponential horn. With the HF unit mounted behind and concentrically with the LF unit, low and high frequency sound radiation is generated on the same axis and is therefore fully integrated at source. It is this feature that gives the Dual Concentric™ driver its unique and superior sound reproduction qualities. The drive unit incorporates an Alnico magnet system which, with the integral computer designed and manufactured reverse throat high frequency PepperPot WaveGuide™, delivers exceptional transient response and increased sensitivity.

A 'hard edge' cone surround and unique chassis earthing system deliver tight, fast and controlled bass with fluid and transparent midrange and high frequency performance of great purity. The magnificent 530 litre cabinet with its complex horn loading system delivers greatly increased efficiency with a wave front area approaching that from real instruments. Effortlessly capable of resolving truly low frequencies and the reproduction of the dramatic dynamic range of musical instruments with stunning realism, this is a true Tannoy classic.

TECH BRIEF WESTMINSTER ROYAL SE

Enclosure type	Compound horn
Driver type	Dual Concentric™
Dual Concentric™ HF	51mm (2.00") aluminium alloy dome, Alnico magnet system
Dual Concentric™ Mid / LF	380mm (15.00") treated paper pulp
Voice coil	52mm (2.00") round wire voice coil
Impedance	8 Ohms
Sensitivity	99dB (2.83V @1 metre)
Frequency response (6dB)	18Hz – 22kHz
Continuous power handling	135 Watts RMS
Dispersion	90 degrees conical

Please Note: In the North American market, some Prestige models are special order and delivery is 6-8 weeks.



GLENAIR

While embodying the long established company philosophy of no compromise acoustic performance, the Glenair brings a fresh and modern styling approach to the Tannoy Prestige range. Utilising the proven acoustic benefits of a trapezoidal cabinet design, Glenair bears all the hallmarks of bespoke loudspeaker craftsmanship but with a more contemporary feel.

Plywood manufactured from birch grown in slow-growing cold regions of the world and selected for its denser quality is used for the main structure of the speaker cabinet. The combination of heavily damped material, comprehensive internal bracing and non-parallel side panels alleviate the problems associated with standing waves, ensuring that the loudspeaker is free from unwanted resonance.

Externally the cabinet is finely crafted with American Cherry veneer and solid wood mouldings hand finished and polished to an unsurpassed standard. No unsightly retaining lugs spoil the clean lines of the speaker's front panel when the curved, acoustically transparent grille is removed; this thanks to the cleverly designed magnetised fixing method within the baffle structure.



DESCRIPTION

As with all other Prestige models, the two Glenair models benefit from the many advantages of the world-renowned Tannoy Dual Concentric™ drive unit with its unique and superior sound reproduction qualities. The carefully engineered components of these latest version 10" and 15" units, fitted to the Glenair 10 and Glenair respectively, present an astonishingly true to life performance with an open, coherent and utterly involving soundstage. Effortless bass dynamics, open midrange and meticulously detailed high frequency with a delicacy of treble nuances are assured.

Ensuring perfect integration of the driver elements, the carefully designed crossover network exhibits true audiophile qualities. All components are high precision, low-loss and thermally stable. For the high frequency feed a single Hovland MusiCap® capacitor is used providing class-leading sonic consistency; exceptional dynamics, speed, focus, correct timbre and depth of field. Two large laminated iron core inductors are used to avoid saturation effects. Careful consideration has been given to the precise layout of the crossover in order to minimise inter component coupling and it is positioned well away from the driver to avoid any detrimental magnetic field effects. Top quality silver-plated copper wiring is used for the low frequency section, and Acrolink 6N ultra high purity (99.9999%) copper wire is used for the high frequency wiring for complete signal path integrity.

The bi-wire terminal on the twin ported rear panel also features an 'earth' or grounding point. With the driver chassis grounded, this proven technology, developed on earlier Prestige models, minimises the effects of RF interference resulting in a more transparent midrange.

Each component part of the new Glenair models complement one another to deliver an audiophile loudspeaker that runs true to the highly respected pedigree of the Prestige range and as such maintains Tannoy's leading position as an innovator of premium audio solutions.

TECH BRIEF

GLENAIR 10

GLENAIR

Enclosure type	Single rear ported	Twin rear ported
Driver type	Dual Concentric™	Dual Concentric™
Dual Concentric™ HF	25mm (1.00") aluminium alloy dome	33mm (1.75") aluminium alloy dome
Dual Concentric™ Mid / LF	254mm (10.00") treated paper pulp	380mm (15.00") treated paper pulp
Voice coil	52mm (2.00") edge wound voice coil	52mm (2.00") edge wound voice coil
Impedance	8 Ohms	8 Ohms
Sensitivity	91dB (2.83V @1 metre)	95dB (2.83V @1 metre)
Frequency response (-6dB)	38Hz – 25kHz	32Hz – 25kHz
Continuous power handling	120 Watts RMS	135 Watts RMS
Dispersion	90 degrees conical	90 degrees conical

Please Note: In the North American market, some Prestige models are special order and delivery is 6-8 weeks.



AUTOGRAPH MINI

The Autograph mini is a hugely scaled-down but authentic version of a loudspeaker that was famous throughout the audio world fifty years ago. Reduced to a fraction of the size of the immense and revered original Tannoy Autograph this exquisite replica is the ultimate modern retro audio product. Its diminutive size and accurately detailed finish produce a modern day classic that will embellish the most contemporary surroundings.

Remaining true to the cabinet build and finish quality of that yesteryear model, the Autograph Mini naturally incorporates a Dual Concentric™ driver - the unique engineering statement that makes this speaker a 'real' Tannoy.



DESCRIPTION

Incorporating wide bandwidth technology to ensure breathtaking performance from a unit measuring just 4.00" in diameter, this is the smallest 'Dual' ever manufactured. And following in the footsteps of its proven heritage the driver utilises a heavy cast alloy frame and multi fibre paper pulp cone. Delivering natural midrange and well defined bass, the traditional but high tech cone material also ensures subtlety with stunning detail and expansive imaging.

A key component of the Autograph Mini is the titanium diaphragm high frequency unit positioned on the same axis as the bass section. Fitted with a neodymium magnet system to deliver a smooth response up to an incredible 54kHz, this key component in the Autograph Mini enhances the loudspeaker's strikingly true to life performance. Ensuring complete signal path integrity, 99.99% high purity silver cable is used to connect the tweeter to the system's minimalist crossover network - a thoroughbred audiophile component in itself that includes low loss inductors and specially damped audio grade capacitors.

High density birch ply with hardwood veneers and solid hardwood mouldings are utilised in the unique and chic design of the hand finished cabinet. As with its erstwhile and larger predecessor, authentic oatmeal coloured grille cloth is used to conceal the driver and is also inlaid within the angled sides towards the front of the miniature hexagonal cabinet.

A high performance loudspeaker designed for the discerning fashion conscious.

TECH BRIEF

AUTOGRAPH MINI

Enclosure type	Rear ported
Driver type	Dual Concentric™
Dual Concentric™ HF	19mm (0.75") titanium dome
Dual Concentric™ Mid / LF	100mm (4.00") treated paper pulp
Voice coil	33mm (1.50") edge wound voice coil
Impedance	8 Ohms
Sensitivity	88dB (2.83V @1 metre)
Frequency response (-6dB)	68Hz - 54kHz
Continuous power handling	50 Watts RMS
Dispersion	90 degrees conical

Please Note: In the North American market, some Prestige models are special order and delivery is 6-8 weeks.



SUPERTWEETER

Always an innovator where quality sound reproduction is concerned, Tannoy has continued this tradition by being at the forefront of the development of WideBand™ technology. All Prestige models except Autograph Mini are compatible with Tannoy's SuperTweeter™ designs, providing the opportunity to extend high-frequency response to above 50kHz, thereby providing all of the bandwidth required for today's wide bandwidth digital recording formats.

In fact the SuperTweeter™ only starts working at a point that is close to what is generally considered the limit of the audible frequency band for most adults. The Dual Concentric™ in the main loudspeaker, still working to its full frequency specifications, continues to provide the heart of the musical information as a coherent point source. However, the extreme high frequencies are then resolved by the SuperTweeter™ to provide incredible, wide bandwidth detail and enlivening the performance by increasing the tonal accuracy of individual instruments for more natural and true to life music reproduction.

By extending the high frequency capability of the complete loudspeaker system out to beyond 50kHz, this in turn corrects the time and phase response at the upper end of audibility. This delivers enhanced accuracy and spaciousness, improved clarity within the essential mid band area and even an enhancement of the definition and impact of low frequencies. Benefits are heard clearly with any source material, regardless of bandwidth, therefore ensuring that a Tannoy SuperTweeter™ is an essential accessory.



DESCRIPTION

The oiled American Walnut casing of the ST200 is specifically designed to partner the Prestige range of Dual Concentric™ loudspeaker designs. From Stirling SE right through to the iconic Westminster Royal SE, this SuperTweeter has adjustment optimisation, appearance, style, construction and performance to greatly improve the overall listening experience.

The ST100 is constructed with the same Performance Platform™ as the ST200, but this time with a solid black ash enclosure. This model is provided with a different range of crossover and frequency control settings designed to offer wider flexibility to acoustically match all types of speakers, regardless of manufacturer. In addition the ST100 is optimised for use with older Tannoy Dual Concentric™ models, many going back over 45 years to the original 15" Monitor Red derivatives.

Both these units are supplied with detailed crossover set up instructions and a calibrated location gauge, to allow accurate front to back positioning for all Prestige loudspeaker designs past and present.

The ST50 is constructed from solid aluminium die-castings coated with a soft feel, non-reflecting finish, ensuring this innovative modern design visually blends with all types of speakers. With a wide range of adjustment settings designed to integrate with the product with which it is partnered, it is a spectacularly instant acoustic upgrade.

A SuperTweeter™ is arguably one of the most cost effective performance enhancements you can apply to your audio system; one that completes the musical picture with an increased immediacy, airiness and impact, making music more true to life.

TECH BRIEF

	ST50	ST100	ST200
Driver type	SuperTweeter™	SuperTweeter™	SuperTweeter™
Driver construction	25mm (1.00") 25 micron titanium dome	25mm (1.00") 25 micron titanium dome	25mm (1.00") 25 micron titanium dome
Continuous power handling	110W RMS	135W RMS	135W RMS
Sensitivity (2.83V @1 metre)	93dB max	95dB max	95dB max
Frequency response	To 54kHz, usable output (-18dB) to 100kHz	To 54kHz, usable output (-18dB) to 100kHz	To 54kHz, usable output (-18dB) to 100kHz
Impedance	8 Ohms	8 Ohms	8 Ohms
Frequency adjustment	14kHz, 16kHz or 18kHz	18kHz, 20kHz or 22kHz	14kHz, 16kHz or 18kHz
Level adjustment	85dB, 89dB or 93dB	87dB, 89dB, 91dB, 93.5dB or 93dB	89dB, 90.5dB, 92dB, 93.5dB or 93dB

Please Note: In the North American market, some Prestige models are special order and delivery is 6-8 weeks.



i30

The i30 is a high specification portable sound* reproduction system for i-Pod users who don't want to sacrifice anything when it comes to loudness with clarity. Custom designed for the purpose, the i30 has all the hallmarks of a Tannoy product – it's stylish, ergonomic and sounds exceptional.

The i30 features two 100mm ICT™ drive units and has been created to give the user the ultimate in portability and sound reproduction. Included amongst an array of other features is a sophisticated Digital Sound Processor for optimised sound quality.

With a reputation for delivering great looking, high performance audio systems around the globe, the build quality and presentation on these speaker systems are what you'd expect from an internationally renowned manufacturer of superb professional and residential speaker systems. The i30's sleek designer looks mean it will not look out of place in any home or office environment.

*Mains power supply required



DESCRIPTION_

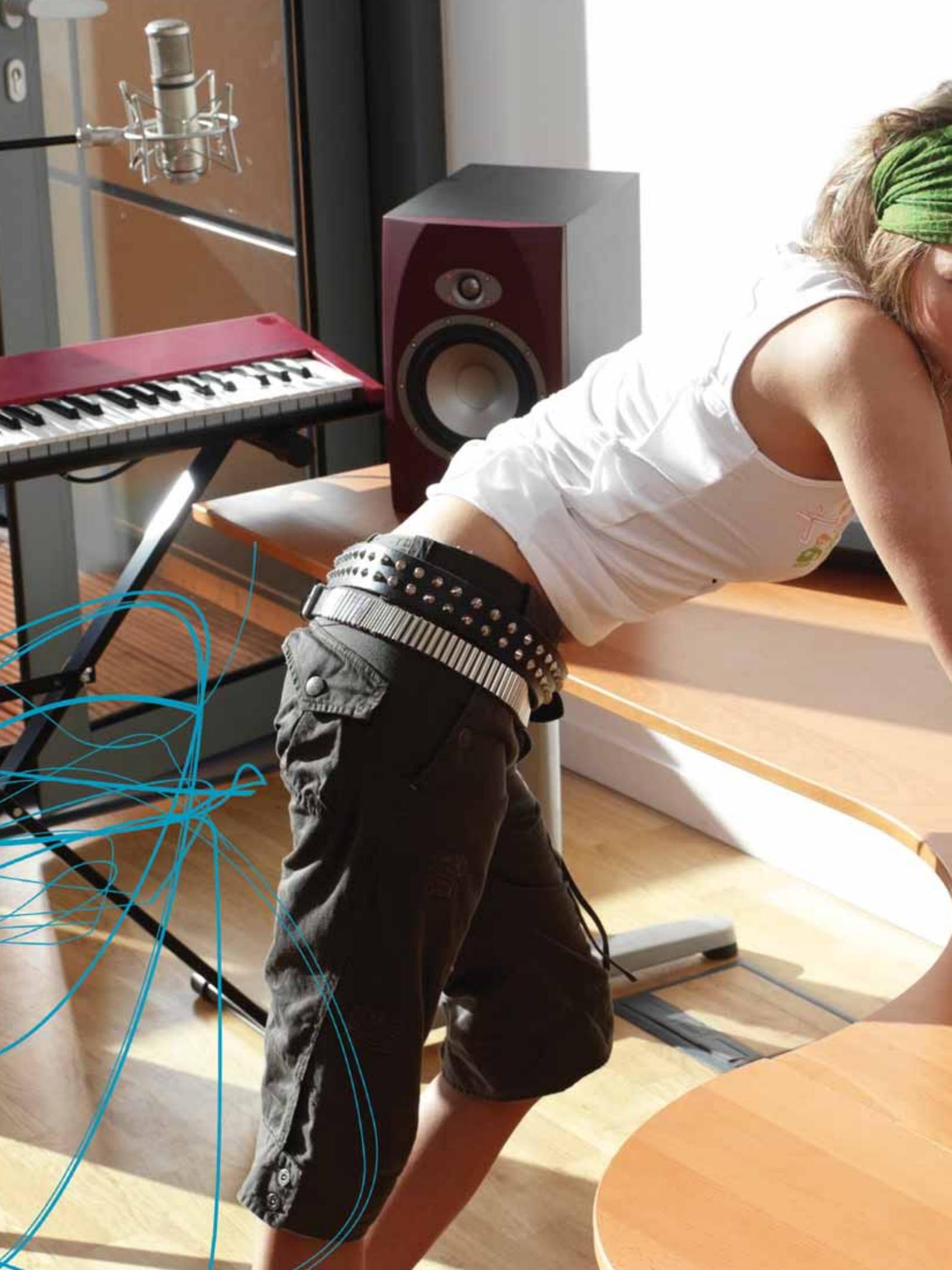
Having manufactured loudspeakers for the professional audio industry for many decades, Tannoy has drawn upon its undisputed expertise in the reproduction of sound and for the first time is bringing to the i-Pod listener music as it was intended to be.

The i30 delivers class-leading audio reproduction with distortion-free bass, clear crisp highs and plenty of punch and clarity even when turned up and driven hard. The i30 is also extremely portable (mains power supply required), making it the perfect travelling companion for the music lover who never parts from their i-Pod, and is further supplemented by a range of accessories including a leather carry case and a wall-mount bracket allowing the i30 to be placed for maximum effect to save space or to simply look great.

TECH BRIEF_

i30_

Driver type	2 x 100mm (4") ICT™ Polypropylene cone
Protection Circuitry	Thermal Soft Limiting
Supply	100 - 240V AC, 50 - 60Hz
Power Consumption	1A maximum
Low frequency	-
Sensitivity (1W @1m)	88dB
Impedance	-
Frequency response (-6db)	60Hz - 22kHz
Finish	Gloss black





STUDIO MONITORS

THE ANTIDOTE TO COMPROMISE_

Tannoy's reputation in the professional recording industry borders on legendary. For over six decades as recording history has been made Tannoy studio monitors have been at the forefront. From such emblematic productions as Decca's FFSS recording of Wagner's Das Rheingold with the Vienna Philharmonic under Georg Solti in 1957; arguably still one of the finest classical recordings of all time, to the re-birth of Rock and Roll we know as the British Invasion, Tannoy monitors have helped recording engineers and producers create historic music.

Times may have changed, but our engineering values and commitment to perfection have not. Everything we do today is judged against our considerable achievements of the past as we continue to advance the art and science of building the world's premier reference monitors. Constant refinement of our famed Dual Concentric™ driver, pioneering work with WideBand™ technology, advanced Klippel™ analysis and a host of other technologies ensure that with every new product comes another historic chapter.

Considering the crucial role that monitors play in the production of audio programming we believe that this is one place in your signal chain where compromise is simply unacceptable.

REVEAL PASSIVE_

OVERVIEW_

The original Reveal monitor was renowned for its rigid cabinet and substantial baffle. The latest Reveal cabinet has been further braced and refined, providing the most rigid platform possible for the new driver designs. Securely attached to the solid baffle, with no less than 10 hex socket countersunk-head screws, an all-new bass driver performs with significantly reduced distortion.



Pro Sound News

"We liked the Reveals....the improvements in the drivers and the cabinet belies their price."

play

"The high frequency detail is beautifully defined without a hint of the vagueness I've experienced with other nearfields."

MusicTech
RECOMMENDED
EQUIPMENT

"Smooth sound.... Excellent imaging.... Superb build quality."

DESCRIPTION_

For the MID / LF driver magnetic circuit flux control rings and extensive Klippell™ based symmetry analysis has made performance improvement possible, so this all new driver design provides tight, punchy and controlled bass response with a clean and open mid range for superb vocal intelligibility.

Open and detailed reproduction of mid-high frequencies is further enhanced by inclusion of a WideBand™ high frequency unit to improve and extend the high frequency phase response. This ensures increased tonal accuracy of individual instruments in the reproduction process - a mix critical factor allowing the best EQ and placement decisions to be made.

TECH BRIEF_

6_

Driver type	Discrete array
WideBand™ HF	25mm (1.00") titanium dome
Mid / LF driver	165mm (6.50")
Frequency response	63Hz – 51kHz

PRECISION PASSIVE_

OVERVIEW_

The new Precision range combines the latest Tannoy Dual Concentric™ driver and WideBand™ Technology to deliver near field monitoring speaker designs that set fresh standards of acoustic performance and accuracy. Exacting manufacturing processes ensure they deliver wide bandwidth, low distortion, smooth response, accurate phase control and high sensitivity performance with input flexibility.



play

Precision 6

"For the home or small semi-pro studio, it is hard to envisage a more cost effective alternative. Highly recommended."

DESCRIPTION_

The Dual Concentric™ is unlike ordinary drive units in that it is effectively two drivers, properly merged into one. The HF is positioned on the back of the MID/LF so that they are on the same axis, so sound energy is propagated from the same point and delivered through the centre of the LF cone to provide a true point source. This integrated approach provides a constant time delay over the frequency spectrum for a better transient performance, sound quality and better harmonic alignment than in a displaced source monitor design. The crucial benefit at the mix position is delivery of a cleaner and more natural sound with greatly enhanced intelligibility.

WideBand™ Technology is an essential component enabling delivery of increased tonal accuracy of individual instruments in the recording process a mix-critical factor allowing the best EQ and placement decisions to be made. Rigid cabinet design combines with class leading acoustic and electronic technologies to provide class-leading precision in studio monitoring.

TECH BRIEF_

6_

8_

Driver type	Dual Concentric™	Dual Concentric™
SuperTweeter™	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Dual Concentric™ HF	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Dual Concentric™ Mid / LF	165mm (6.50")	200mm (8.00")
Frequency response	62Hz – 51kHz	54Hz – 51kHz

OVERVIEW_

The feature-packed Reveal Active monitors set a new benchmark for very cost effective studio monitoring. They build upon the success and recording industry reputation of the famous original Reveal Active, a product that when launched in the mid nineties was widely recognised as the product that defined the category; since becoming the active monitor of choice for thousands of amateur and professional creative artists worldwide.



playmusic

MusicTech
RECOMMENDED
★★★★★

Reveal 5A

"These Tannoys aren't called Reveal for nothing. You canhear all sorts of things you might have missed."

Reveal 5A

"Smooth effortless sound.... Excellent imaging.... Superb build quality.....great value for money."

DESCRIPTION_

REVEAL 5A

The Reveal 5a is an active monitor delivering wide bandwidth, low distortion and high sensitivity for an overall smooth response. The tight, punchy controlled bass combines with clean and open midrange for superb vocal intelligibility to ensure the 5A offers professional monitor performance from an exceptionally compact package.

REVEAL 6D

Significant advances in digital speaker measuring techniques such as Klippell™ symmetry and non linear distortion analysis, laser scanning interferometry, acoustic CAD simulation, and precision manufacturing processes have all resulted in a comprehensively improved range of Reveal active monitors. The D models provide greater bandwidth, significantly lower levels of distortion, smoother responses, more accurate phase control, higher sensitivity levels and greater input source flexibility. Add in a comprehensive DIP switch activated calibrated EQ facility for mid / near / close field working in full / half /quarter and eighth space environments, midband and high frequency trim shelving controls, a choice of power and cabinet sizes, analogue and digital input trim facilities, and user requirements can be satisfied for all listening environments and applications.

TECH BRIEF_

	5a_	6D_
Driver Type	Discrete array	Discrete array
WideBand™ HF	25mm (1.00") soft dome	25mm (1.00") titanium dome
Mid / LF driver	135mm (5.00")	165mm (6.50")
Frequency response	70Hz – 30kHz	60Hz – 51kHz

STUDIO_

OVERVIEW_

Taking full advantage of significant advances in digital speaker measuring techniques such as Klippell™ symmetry and non-linear distortion analysis, laser scanning interferometry, acoustic CAD simulation and our own cutting edge acoustic technologies, Tannoy engineers have developed the Precision D active monitors.



MusicTech
RECOMMENDED
★★★★★

AUDIO MEDIA

Precision 6D

"Tried-and-tested technology with the very best in monitor design."

Precision 8D

"If super engineering precision is where you're at, then look no further."

DESCRIPTION_

The Precision D Active range incorporates the latest Tannoy Dual Concentric™ driver and WideBand™ Technology to deliver near field monitoring speaker designs that set new standards of acoustic performance and accuracy.

These models provide superior bandwidth, significantly low levels of distortion, very smooth response, extremely accurate phase control, high sensitivity levels and input source flexibility. Add in a comprehensive calibrated EQ facility for mid / near / close field working in full / half /quarter and eighth space environments, mid-band and high frequency trim shelving controls, a choice of power and cabinet sizes, analogue and digital input trim facilities, and user requirements can be satisfied for all listening environments and applications.

TECH BRIEF_

	6D_	8D_
Driver type	Dual Concentric™	Dual Concentric™
SuperTweeter™	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Dual Concentric™ HF	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Dual Concentric™ Mid / LF	165mm (6.50")	200mm (8.00")
Frequency response	59Hz – 51kHz	44Hz – 51kHz

ACTIV-ASSIST™

Tannoy Activ-Assist™ software is designed to assist the user of reveal and Precision active monitors in setting the DIP switch equalisation features to account for mid, near and close field monitoring distances and varying air loading on the bass driver caused by operating in half, quarter and eighth space environments (sometimes referred to as 'Baffle Step' effect). Typically, these environments could be against a wall or on a table or large support surface such as the meter bridge of a console (half space), in a corner (quarter space) or a worst-case situation such as mounted in a corner on a shelf or table or in a typical outside broadcast mobile vehicle (eighth space).

The software is available free to download from the website www.tannoy.com and can be used in conjunction with the user's own microphone and cables. The software requires a typical Windows or MAC notebook, laptop or desktop computer with a standard sound card input / output facility. Activ-Assist™ is also available to purchase as a complete package supplied with a pre-calibrated microphone and the necessary cables.



THE ACTIV-ASSIST PROGRAM GENERATES IMPULSE, PHASE AND FREQUENCY RESPONSE DATA.

Using its software based dual-channel FFT analyser and a periodic log-sine-sweep signal fed to the monitor. This measurement method is immune to the reverberation characteristics of the room in which the measurement is performed and is not affected by ambient noise. Measuring the sound radiation characteristics of the monitor compared with a built in anechoic free space reference for a particular model, the programme runs through all 2000+ DIP switch combinations to recommend the one that brings the shape of the measured magnitude response closest to the target flat response.

The resultant DIP switch configuration is of course a recommendation and should not be regarded as a substitute for a good pair of human ears listening to well recorded male and female vocal. The program may also be used to monitor the effect that any DIP switch setting has on the overall speaker response when setting up the monitors by ear.



Bass management with selectable frequency crossover ports



Loudspeaker optimisation and network setup

OVERVIEW_

Tannoy's TS range of active subwoofers, designed for studio monitoring and playback of multi channel recordings, offer incredibly compact designs without compromising their powerful and punchy dynamic bass performance. An exceptionally sturdy and rigid cabinet is the basis of each of the three models, ensuring extraordinary control of the drive unit and minimising unwanted cabinet resonance.



DESCRIPTION_

Each utilises a substantially built, down-firing drive unit with an oversized magnet system. Occupying less than a cubic foot of space including the spiked feet, the TS8 is ideally suited to small home studios, while the TS10 and 12 have the performance to deliver in professional postproduction and mastering facilities.

The Tannoy TS subwoofer range delivers a tightly controlled performance to faithfully reproduce the impact, punch and drive of the mix track.

TECH BRIEF_	TS8_	TS10_	TS12_
Driver type	Down firing closed box	Down firing closed box	Down firing closed box
Driver size	200mm (8.00")	250mm (10.00")	300mm (12.00")
Low frequency response (-6dB)	32Hz	29Hz	26Hz
Output power	200W RMS	300W RMS	500W RMS
Inputs	2 x line level phono	2 x XLR balanced	2 x line level phono
2 x XLR balanced	2 x line level phono	2 x XLR balanced	-
Outputs	2 x XLR balanced	2 x XLR balanced	2 x XLR balanced
Features	Phase control, crossover defeat, soft limiting and LF extension control	Phase control, crossover defeat, soft limiting and LF extension control	Phase control, crossover defeat, soft limiting and LF extension control
Finish	Soft touch black	Soft touch black	Soft touch black

PRECISION iDP RANGE ACTIVE DSP

OVERVIEW

Precision iDP™ is a stunningly versatile intelligent active monitoring system, combining the unique Tannoy Dual Concentric™ drive unit and WideBand™ technology with the latest cutting edge digital processing to create monitors that provide the professional user with complete control over the entire monitoring operation.



DESCRIPTION

DSP technology, networking intelligence and Class D amplifiers replace the need for expensive external analogue routing matrices. Precise room optimisation has now taken a quantum leap forward thanks to the development of Tannoy iDP™ (Interactive Digital Programming) Technology. Set-up time for multi-purpose rooms is minimised while complicated cabling considerations are solved by the use of tc-link network topology; with software updates uploaded via the same network connections. Based on a Master / Slave topology, with the Master acting as the analogue audio input point as well as the processing controller, a dot matrix display and four control buttons on the front of each speaker allows direct access to the speaker's settings. With AES/EBU input on XLR for direct interface to a digital source, they offer full networking capability, both audio and control, within the digital domain at any of the standard sample rates from 32 to 96kHz.

PC-iP™ or iDP SOFT™ software enables manipulation of any speaker on the network and, optionally, the two analogue input connectors can be replaced with a dual AES/EBU input module; this for digital surround setups accepting sources up to 192kHz ensuring compatibility with current and future production requirements.

TECH BRIEF

6 iDP™

8 iDP™

Driver type	Dual Concentric™	Dual Concentric™
SuperTweeter™	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Dual Concentric™ HF	25mm (1.00") titanium dome	25mm (1.00") titanium dome
Dual Concentric™ Mid / LF	165mm (6.50")	200mm (8.00")
Frequency response	56Hz – 51kHz	43Hz – 51kHz

ELLIPSE iDP ACTIVE DSP

OVERVIEW

The unique Ellipse iDP 8 is a fully time-coherent, 3-way active monitor system, utilising a 200mm (8.00") Tannoy Dual Concentric™ driver technology plus a separately housed SuperTweeter™. In addition to looking cool, the elliptical cabinet minimises both unwanted internal reflections and external diffraction, while the neoprene base on the bottom of the cabinet dampens any vibration between the speaker and surface.



DESCRIPTION

With the inclusion of Tannoy WideBand™ technology extending frequency response to above 50kHz, the Ellipse 8 iDP™ sets a highly advanced quality standard for reference monitoring of wideband programme material. By incorporating DSP technology, networking intelligence and class D digital amplifiers, along with the company's renowned acoustic expertise, Tannoy has established a new level of performance and operation convenience in studio monitors.

The Ellipse 8 iDP™ studio monitor provides the professional user with complete control over the entire monitoring operation with PC-iP™ or iDP SOFT™ software enabling complete manipulation of any speaker parameter on the network. Preset storage / recall and total acoustic alignment flexibility, along with solo / mute functions, can all be executed with ultimate precision via the system's remote control. iDP™ technology also allows the user to control parameters in 'real time' - such as bass management, global level and recall of different preset settings.

Ellipse iDP™. A powerful digital solution to precision defined acoustics and ultimate monitoring flexibility.

TECH BRIEF

8 iDP

Driver type	Dual Concentric™
SuperTweeter™	25mm (1.00") titanium dome
Dual Concentric™ HF	25mm (1.00") titanium dome
Dual Concentric™ Mid / LF	200mm (8.00")
Frequency response	40Hz – 50kHz

OVERVIEW_

Two exceptionally powerful active subwoofers have been designed to complement the monitors. Both are substantially constructed, acoustically inert, infinite baffle cabinets in which exceptionally high power handling and long throw drive units really do deliver tightly controlled bass with massive impact.



DESCRIPTION_

Full iDP™ technology functionality is incorporated to allow completely network flexibility so that a system can be configured as 2.1, 5.1, 7.2 or in any other multi channel combination required. Bass management and crossover facilities specifically for the subwoofer allow change of the filter slope between 2nd, 4th and 6th order. In most circumstances the 22 litre single 12" driver equipped TS112 iDP™ is the ideal partner for the Precision monitors, particularly the 6" driver model. However, particularly for use with the Ellipse iDP™ monitors, or in exceptionally demanding situations where huge bass performance is required, the 45 litre TS212 iDP™ subwoofer utilises two of these 12" side-firing metal-coned drive units. With 1.5 kilowatts of power in the TS212 iDP™ and 750W in the TS112 iDP™ there is massive power overhead available to ensure that the punch and drive of the mix track is faithfully reproduced.

TECH BRIEF_

TS112 iDP_

TS212 iDP_

Driver type	Front firing	Side firing
Driver size	300mm (12.00") aluminium cone	2 x 300mm (12.00") aluminium cone
Frequency response (+/-3dB)	25Hz - 150Hz	25Hz - 150Hz
Output power	750W	1500W
Max SPL (continuous)	118dB	124dB
Outputs	2 x XLR balanced	2 x XLR balanced
Finish	Grey suede paint	Grey suede paint with brushed silver insert



TANNOY iDP™ SOFTWARE

Although possible to configure a full system via the display panel on the front of the speakers, it is recommended, and much easier, to hook up a PC or MAC to the system via the supplied interface cable and utilise the supplied Tannoy iDP Soft configuration software as a day to day tool.

Using the supplied PC-iP™ installer software each speaker is assigned a task so that the network recognises where each monitor is placed in the system. In order to initially optimise the monitors for a specific room, any good quality real time analyser (RTA) can be used to measure each of the speakers. Acoustic tuning via a comprehensive array of EQ parameters and alignment facilities can then be applied in order to recalibrate each monitor to achieve a flat response within the listening room.

Selectable crossover frequencies can be established for a wide variety of different recording circumstances, and these can be stored as presets for instant recall from the remote control. All profiles within Precision iDP™ can be changed as required, then stored as presets for instant recall whenever needed. For example, presets can easily be established for the individual performance parameters of the differing standards such as DTS, THX etc.

Studios are typically not just working on one project. There may be variable numbers of loudspeakers (2 / 2.1 / 5.1 / etc) being used for different projects and some jobs may span weeks at a time.

THE FACILITY TO SAVE AND RECALL DIFFERENT SETTINGS VIA PRESETS FOR DIFFERENT PROJECTS MINIMISES STUDIO SET UP TIME – A REAL COST BENEFIT!

Bass management (sometimes called bass redirection) is a very important and useful tool. With conventional studio monitors external electronics is required to achieve bass management. It is in general an absolute necessity if you want to make a multi-channel set-up in a small room. The bass management system is designed to subtract the bass contents of all main channels and reproduce this by the use of a subwoofer. iDP™ systems provide a number of possible crossover frequencies that can be determined by the user.

Tannoy iDP SOFT™

This software package is a beautifully simple PC or MAC based system controller / software editor. The intuitive on-screen user interface is designed to easily manipulate all parameters in the Precision iDP™ monitors, making this a flexible day-to-day system configuration tool.



WARRANTY STATEMENT

No maintenance of Tannoy products is necessary.

All of our products have been produced and tested with care and precision to give first-class service.

All passive components are guaranteed for a period of five years from the date of purchase from an authorised Tannoy dealer subject to the absence or evidence of misuse, overload, or accidental damage.

All active and electronic components are guaranteed for a period of one year from the date of purchase from an authorised Tannoy dealer subject to the absence of, or evidence of, misuse, overload or accidental damage.

If at any time during this warranty period the equipment proves to be defective for any reason other than accident, misuse, neglect, unauthorised modification or fair wear and tear, we will repair any such manufacturing defect or, at our option, replace it without charge for labour, parts or return carriage.

If you suspect a problem with a Tannoy product then, in the first instance, discuss it with your Tannoy dealer. If you require further assistance then we ask that you deal directly with your local Tannoy distributor.

Note:
DO NOT SHIP ANY PRODUCT TO TANNOY WITHOUT PREVIOUS AUTHORISATION.

This warranty in no way affects your statutory rights.

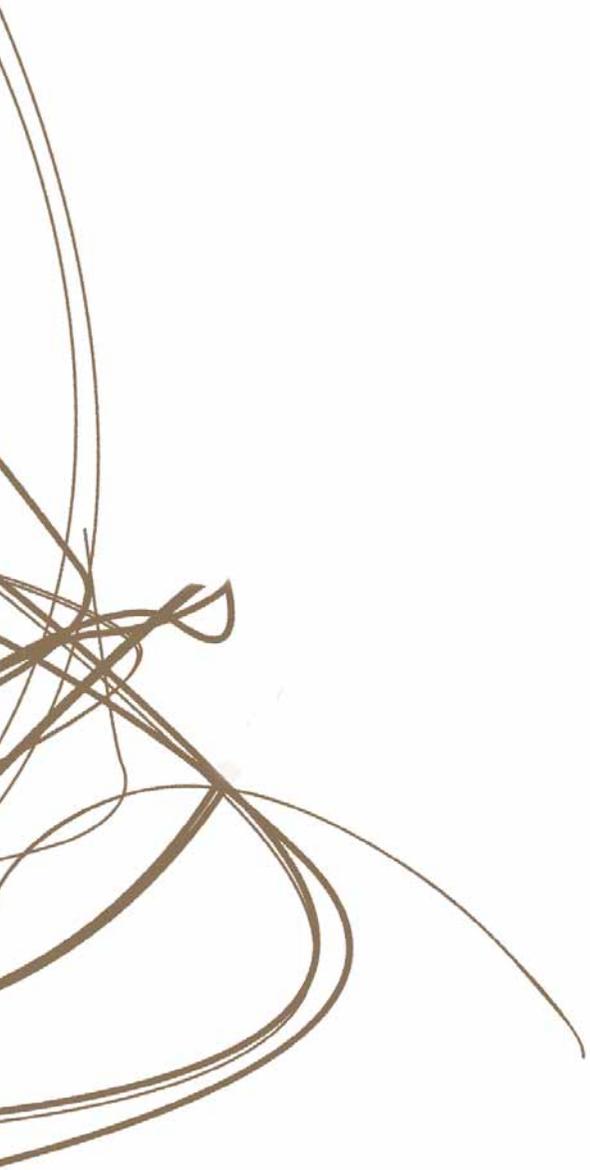
SPECIFICATION NOTES

The specifications in the professional section of this catalogue are annotated as follows:

1. Average over stated bandwidth. Measured at 1 metre on axis.
2. Unweighted pink noise input, measured at 1 metre in an anechoic chamber. A full range of measurements, performance data, and Ease™ Data can be downloaded from www.tannoy.com

DEVELOPMENT POLICY

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 notification.



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Tannoy adopts a policy of continuous improvement and product specification is subject to change.