



Jamo®
CONCERT CATALOGUE 2004-2005



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JAMO CONCERT TECHNOLOGY WITH A STORY

JAMO

THINKING OUTSIDE THE BOX

What is good sound? There is no simple answer to that question. Listening to sound is a highly subjective experience. We don't just respect that fact – since 1968 we've consciously based our work upon it. This is clearly expressed in the promise that lies at the foundation of our work and our success: Jamo will create solutions that make a difference to the individual. You hear the proof courtesy of our unrivalled sound quality. And you can see it in the stylish finish that characterises every single detail. All our products are developed in house, not just to ensure they meet our high standards, but also to help us better meet your unique needs.



HENRIK MORTENSEN, CHIEF ACOUSTIC ENGINEER

Consequently we have divided our product programme into 3 categories.

- Jamo Concert** – the passionate sound.
- Jamo 2F** – the fine integration of Form and Function, state-of-the art technology, design and ease of use.
- Jamo Custom** – the whole-house solution, integrating sound and picture as a visible or invisible part of your interior.

Headquartered in Denmark, Jamo currently operates in more than 80 countries. Jamo employs the fundamental principles of the Scandinavian design traditions when developing products, ensuring that the core values of simplicity and functionality are apparent in every product that we develop.

THE CONCERT STORY

You don't have to listen closely to hear it. Each product in our Concert division provides ample proof of its technological supremacy. For four decades we've worked to develop ultimate technologies while satisfying even the pickiest ears around the world – and we strive with passion – to keep it that way.

NEXT CHAPTER

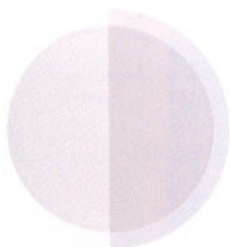
And so the story continues. Inside this catalogue we proudly present our new E 7 series, which has just been honoured with an award from the renowned EISA Awards (European Imaging and Sound Association). Ranging from a very compact bookshelf speaker to large floor standing speakers, the E 7 series is able to deliver an incredible level of sound quality, even in acoustically challenging surroundings. One listen and you'll hear exactly what we're talking about.



JAMO CUSTOM

TECHNOLOGY MADE INVISIBLE

With Jamo's Custom product programme you can immerse yourself in sound by having it emerging from every imaginable part in your house. The walls, floors, ceilings – even the rocks in your garden. Jamo Custom is a whole-house solution, integrating picture and sound as a visible – or invisible – part of your interior. Based on our 15 years of installation experience, we have developed an interactive guide that takes you through all the steps involved and ensures you end up with a solution that meets your unique needs. A solution that will make a difference to your lifestyle.



For further details: catalogue available in the beginning of 2005

JAMO 2F

TECHNOLOGY MADE SIMPLE

Introducing the brand new Home Cinema Solution... 2F – short for Form and Function. With this solution Jamo opens the door to a new world of exquisite Scandinavian design and state-of-the-art technology, made extraordinarily easy to use. At the touch of a single button, you can operate the entire system, which includes a DVD receiver, high definition plasma TV screen and surround sound loudspeaker system. You'll get the best of both worlds: a superior sound reproduction and razor-sharp pictures. No matter whether you're in the mood for opera, an action film or a football match, Jamo 2F gives you the best seat in the house.



For further details: see the 2F catalogue and prepare for our upcoming 2005 extravaganza.



D 830



D 8SUB

D 830 D 8SUB

THE ENGINEERS' FAVOURITE DETAILS

Magnesium cone

Designing a loudspeaker cone involves striking an optimal balance between stiffness and low weight. The stiffer the cone, the more effective the bass becomes. And the lighter the cone, the more dynamic reproduction becomes. Magnesium combines stiffness and low weight, resulting in highly effective and dynamic reproduction.



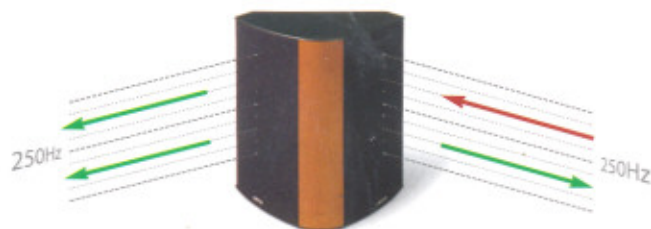
Copper centre plug

The massive copper centre plug of the magnesium loudspeaker cone replaces the traditional dust cap, making the cone lighter and faster, and preventing any possibility of sonic break-up. It also prevents pressure-swings behind the dust cap when the cone moves, enabling more dynamic and precise sound reproduction. The copper centre plug also

cools the voice coil, providing greater power-handling capability and very stable sound reproduction no matter how high you turn the volume.

XBR

With the unique Jamo XBR (eXtended Bass Response) feature, the surround loudspeaker functions as a dipole in the treble and midrange, and as a bipole in the lowest bass, providing the diffuse surround reproduction of traditional dipole loudspeakers, but with full bass reproduction.





D 8CEN



D 8SUR



D 870

D 870 D 8SUR D 8CEN



Design Cabinet

The NCC (Non Coloration Compound) front is a special construction of sand and a resonance-reducing binding agent that is produced under high pressure, embedding the individual grains of sand in the binding agent. This construction prevents loudspeaker vibrations being transmitted to the cabinet, or from drive unit to drive unit, and provides increased detail and better-defined bass.

This technique also allows designs that would not be possible with conventional materials, thus optimizing visual appearance as well as acoustic properties.

The cabinet is crafted in massive 25 mm / 1" thick MDF board and finished with lacquered, genuine wood veneer that ensures optimal acoustic properties and a high-class appearance.

Home Entertainment, UK:
"BEST BUY" ★★★★★



Cherry

MILESTONES IN THE JAMO STORY

- 1977** Jamo launches its first AM/FM Hi-Fi receiver, the "R 5000" capable of delivering 2 x 50W of power
- 1982** Jamo introduces the ingenious CBR (Centre Bass Reflex) system – designed to reduce cabinet vibrations and raise the bass output – both in terms of level and quality.
- 1986** Jamo launches the Digital Monitor CBR loudspeaker series – the first speaker to use its world patented NCC (Non Colouration Compound) front baffle. This is an extremely inert sandwich construction consisting of a mixture of quartz sand and foam injected between two shells of impact-resistant polystyrene. It's a solution that still has not been surpassed!
- 1988** Jamo introduces the SW 50 – our first active subwoofer... and is already prepared for the advent of surround sound!
- 1989** Jamo introduces the first Jamo Concert speaker – a landmark in high-end stereo speakers.
- 1991** 1991 saw the launch of the Jamo Oriel, a statement hi-fi loudspeaker for which we immediately received a number of accolades – e.g. the "Design and Engineering Award" at the Consumer Electronics Show in Chicago.
- 1992** Jamo introduces the legendary Center 100 centre channel speaker - the speaker that propelled Jamo into its role as a leader in surround sound. The Center 100 received top reviews all over the world including a "Best Buy" from the UK magazine What Video.
- 1998** Jamo introduced the first all-digital, powered, THX certified, high-end surround sound system. The Digital CineMaster™ redefined state-of-the-art since it contained all the latest technologies – used in a completely new context. And with 16 built-in power amplifiers, delivering 2000 W RMS (4000 W peak), it delivered enough sound pressure to satisfy even the most demanding "movie buff". The Digital CineMaster™ brought us the "Design & engineering Showcase Award" when it was demonstrated for the first time at the Consumer Electronics Show in Las Vegas.
- In 1998 also heralded the unveiling of Jamo's MPD (Midrange Phase Diffusion) technology in the Surround 200 and 300 speakers. This was a development of the di-polar principle which created the diffuse soundfield necessary for home cinema movie but eliminated the poor deep bass reproduction typically associated with dipolar configurations.
- 1999** The debut of the Concert Surround speaker also saw the introduction of Jamo's XBR (eXtended Bass Response) technology. XBR eliminates the well known bass cancellation problem in a true dipolar configuration by making an electrical woofer phase shift. So while still acting as a dipolar speaker above 250 Hz, it behaves like a bipolar speaker below 250 Hz - thus still providing the extended bass response.
- 2002** Jamo introduces the world's most compact THX Ultra2 certified speaker system – proving that it is still possible to develop a product that, even though certified according to the strictest norm for any consumer electronics product, can be integrated into a normal living room. We did not have to wait long for excellent test results, among these the third EISA Award in Jamo's history.
- 2004** Jamo introduces DTT (Decoupled Tweeter Technology) in the E 7 loudspeaker series. DTT uses EPDM rubber to suspend the advanced neodymium tweeter, thereby preventing unwanted cabinet vibrations from clouding or colouring the sound. The result: Significantly improved clarity and detail in the high frequencies. And the results are already coming in... we have received our fourth EISA Award for the E 7 Series.



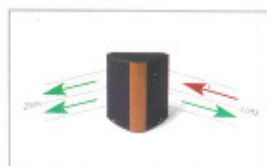
1986



1991



1998



1999



D 570



D 590

D 570 D 590

THE ENGINEERS' FAVOURITE DETAILS

**Down-firing woofer**

This unique feature minimizes one of the major barriers to good sound reproduction. To avoid boomy bass reproduction, loudspeakers must normally be placed well away from the wall – often impractical in many living rooms. When a woofer fires downwards it couples with the floor, making placement less critical. In other words, this speaker can be placed close to the wall.

Cabinet

The D 5 design offers a cabinet that is larger than it looks, while the arched shape also dampens standing waves. The cabinet sides are of a unique sandwich structure, consisting of an MDF board with longitudinal grooves and a fibre board. Extremely rigid, the cabinet features internal bracing that makes it sonically inert and prevents unwanted vibrations from colouring the sound.

D'Appolitto configuration

The symmetrical configuration of two midranges and a tweeter controls the sound dispersion, i.e. wider horizontal dispersion makes the listening position less critical, while higher vertical focusing results in fewer reflections from floor and ceiling.

**Design**

Elegant, ellipse-shaped design gives the D 570 and D 590 a distinctive sculptured appearance, while ensuring minimum reflection and inert cabinets. The cabinet shape also provides an optimal environment for the down-firing woofer, enabling it to reproduce even the lowest frequencies from, e.g., a cathedral organ.

Revue du son, France:

★★★★★



Cherry







D 430



D 400



D 4CEN

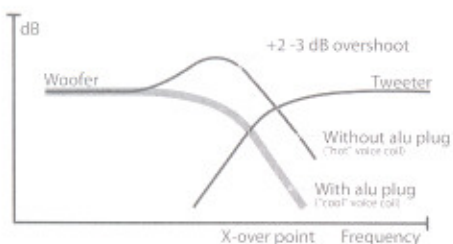
D 400 D 430 D 4CEN

THE ENGINEERS' FAVOURITE DETAILS



Alu Centre plug

The aluminium centre plug replaces the traditional dust cap, making the cone lighter and faster. This also prevents sonic break-up as well as pressure swings behind the dust cap as the cone moves, resulting in more dynamic and precise sound reproduction. The aluminium centre plug cools the voice coil, providing increased power-handling capability and stable sound reproduction no matter how high the volume.



Wood-fibre cone

This unique new wood-fibre cone design features uneven fibres with different resonance frequencies. When pressed into shape to form a loudspeaker cone, these fibres prevent each other from vibrating. To fine-tune rigidity and internal damping, the cone is coated on the back and lacquered on the front. The result is a very rigid cone with well-controlled break-up modes that provide extremely low distortion, as well as an open and detailed midrange for optimal voice reproduction.

Dual concentric diaphragm

The totally unique tweeter features a clamped dual-concentric diaphragm and ventilated magnet system. Among other benefits, this extends the frequency range to a very low 1kHz, allowing a smooth and seamless transition with the midrange, and then all the way up to 40kHz, making it compatible with new digital multi-channel sound formats.

The voice coil is copper-plated aluminium wire, combining the low weight of aluminium with the superior conducting qualities of copper, and making magnetic oil for cooling and resonance damping unnecessary.



D 4 SUB



D 4 50

Reviews
A.V. Max
Gear

D 4 50 D 4 SUB



Double Curved Front baffle

The most rigid construction of all is a round shape. Cut from a giant ball, the Double Curved front baffle of the D 4 is a foamed ABS shell mounted on an MDF board. Both materials have excellent acoustic properties that provide high internal damping, while preventing vibrations from travelling from one driver to another. The planar design also provides optimal working conditions for the asymmetrically placed tweeter. Due to the asymmetrical design, no distances from cabinet top and sides to the tweeter are identical, and thus edge reflections do not accumulate. The result is a crystal-clear treble reproduction that is essential for conveying from the extended treble content of new multi-channel sound formats.



Design

Form follows function and elegance combined with technology are the keywords for D 4. The slim line design and choice of finishes makes it easy to integrate these speakers in any home. With its flat-profile design and high-end reproduction quality, the D 400 is the perfect match for any flat screen.



Spikes

The easily adjustable spikes (included with D 450 and D 4FS) ensure that the speaker always stands securely, making a good mechanical contact to the floor. The speaker can also be placed on the rubber supports, if required.

What Video, UK: "BEST BUY" ★★★★★
"THE JAMO SYSTEM IS WELL BUILT,
CLASSY-LOOKING AND FRESH SOUNDING"

Gear, Australia
"..THE D 450 FLOORSTANDERS ARE SIMPLY
THE BEST [STEREO] SPEAKERS WE HAVE
LISTENED TO FOR AT LEAST A YEAR."





E 805



E 825



E 8CEN.2



E 8SUB.2

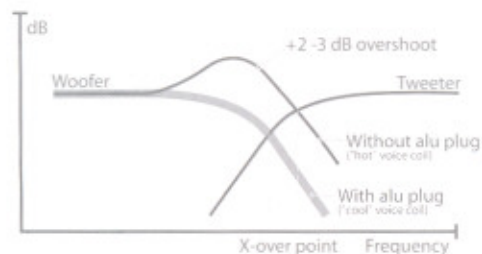
E 805 E 825 E 8CEN.2 E 8SUB.2

THE ENGINEERS' FAVOURITE DETAILS



Alu Centre plug

The aluminium centre plug replaces the traditional dust cap, making the cone lighter and faster. This also prevents sonic break-up as well as pressure swings behind the dust cap as the cone moves, resulting in more dynamic and precise sound reproduction. The aluminium centre plug cools the voice coil, providing increased power-handling capability and stable sound reproduction no matter how high you turn the volume.



Mineral/paper cone

Due to its light weight, paper has always been an excellent material for loudspeaker cones. To obtain a stiff cone with optimal internal damping, the paper is reinforced with mineral fibres. The increased rigidity makes flat, exponential cone design possible, allowing the woofer to cover a wide frequency range and thus enable a very smooth transition with the tweeter. The result is a very precise quality of sound reproduction.

Subwoofer amplifier

The powerful 675 watt E 8SUB.5 amplifiers use state-of-the-art SMD technology. The advantages are short signal paths and electronics that are much more resistant to shocks and vibrations that arise inside a subwoofer. The result is better sound and a more durable subwoofer.

As an additional convenience feature, the subwoofer switches on and off automatically whenever it receives a signal from the A/V receiver. Additionally E 8SUB.5 offers a 12 V trigger as well as a unique feature for bass management - Variable Boundary Gain Compensation.





E 8SUR.2



E 8SUB.5



E 855



E 875

E 855 E 875 E 8SUR.2 E 8SUB.5



two-way system on the other side of the surround loudspeaker. This provides the diffuse surround reproduction typical of dipole loudspeakers, yet still gives the full bass reproduction that such designs have traditionally lacked.

MPD (Midrange Phase Diffusion)
This unique Jamo technology incorporates a midrange unit in opposite phase with a two-



Accessories

The E 805FS + E 825FS are the perfect match for the bookshelf speakers. While ensuring stable placement at the correct listening height, they are also easy to integrate into your interior design since they come in three different finishes. Integrated cable management is a standard feature.



Design

Carefully considered Jamo design is evident in the E 8 series where the lean, curvaceous lines create a uniform visual identity, despite the differences in the size and form of the individual loudspeakers.

HiFi Choice, UK:

"...A CLEVERLY CONCEIVED AND GOOD-LOOKING SPEAKER AT A VERY REASONABLE PRICE AND RECOMMENDATION SEEMS ENTIRELY APPROPRIATE ..."





DVD-593



AVR-693

DVD-593 AVR-693

THE ENGINEERS' FAVOURITE DETAILS



Amplifier with massive toroidal transformer and high grade capacitors

Power rating is often the first amplifier specification you look at. However, it only tells little about the amplifiers ability to drive speakers. A much more important factor is the amplifiers ability to deliver current. A factor becoming even more crucial in multi channel AV receivers!

Therefore both AVR-693 and AVR-793 feature massive toroidal transformers and high grade capacitors (AVR-693: 4 x 10,000 μ F, AVR-793: 4 x 15,000 μ F) for extra stability and large instant power reserves. This ensures enough current to always keep the speakers in a "tight grip." Even the most demanding peaks are reproduced with life like accuracy and dynamics. Just one factor which sets an excellent amplifier apart from merely a good one.



Detachable power cord

AVR-693 and AVR-793 are supplied with a high quality detachable power cord. This makes the installation and the connection of the product more convenient as you are not limited to a predefined length of power cord.



Informative display

Besides normal relevant information the AVR displays indicates exactly the format and how many channels are being input and the format and how many channels are being output to your speakers. This instantly tells you the selected format, the number of channels available (e.g. 2 channel stereo) and in which format and to which speakers the signal is sent (e.g. Dolby Pro Logic IIx in all six speakers + subwoofer).



AVR-793

AVR-793

**Component video output and progressive scan**

To ensure the highest picture quality the DVD-593 features PAL/NTSC progressive scan component video output. This enables both NTSC and PAL discs to be displayed with

extreme stable and flicker free images. The DVD-593 is ready to be used with high quality LCD/plasma screens as well as the best projectors in the market. For ultimate flexibility the DVD-593 also includes more conventional connections: Composite video, S-Video and RGB scart (European models).

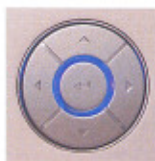
DivX compatible player

The high quality DVD drive accepts virtually any 12 cm optical discs from normal CD's to CD-R/RW as well as the latest DVD-R/RW and DVD+R/RWs. Also, the DVD-593 handles the new DivX format. DivX is to movies what MP3 is to music and due to very efficient compression algorithms a full movie can be played from just one CD-ROM.

**4 mm brushed aluminium front panel**

The AVR-693, AVR-793 and DVD-593 features solid 4mm brushed aluminium front panels that not only give the products a beautiful look and feel, but also ensure a very stable construction further enhancing image and sound quality. A minimum of control buttons

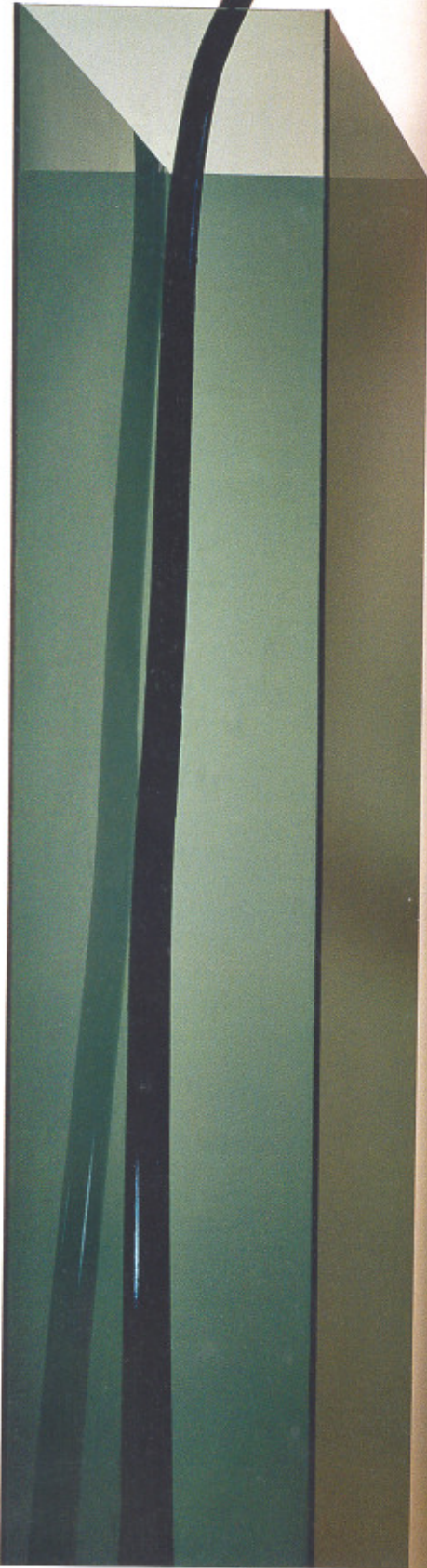
on the front of all products underlines the distinct Scandinavian design that easily integrates into your home environment.



The new Jamo electronics range is not only built to give you the ultimate audio-visual experience now, it is also built to last. And although packed with the latest features all products are very easy to use. Just lean back... push play... and enjoy.



Brushed aluminium







E 700



E 7CEN



E 7SUB

E 700 E 7CEN E 7SUB

THE ENGINEERS' FAVOURITE DETAILS



Rear firing woofer E 750/770

The rear firing woofers on E 750/770 have been specifically designed to deliver increased bass output but with a very linear response, even when placed relatively close to a wall. Truly a speaker designed for real world use...



Decoupled Tweeter Technology **dt**

One of the biggest challenges when designing speakers is dealing with unwanted cabinet vibration. Our solution is Decoupled Tweeter Technology (DTT). By decoupling the tweeter from the rest of the loudspeaker, vibrations transmitted from the

front baffle to the tweeter are reduced by more than 20 dB. The result is an uncommonly detailed and realistic reproduction of high frequencies.



Fibre glass/glass compound midrange/woofer

The midrange and woofer drive units used in the E 7 series employ a new diaphragm material, made of woven fibre-glass/glass compound. This evenly controls and distributes wave modes, thereby ensuring minimal coloration and a stunningly transparent midrange. The natural rubber surround linearises frequency response yet further. You'll notice the obvious increase in clarity when you try to follow dialogue from movies or understand the lyrics in a song.



Aluminium and wood combined

The brushed aluminium front panel doesn't just give the speakers a contemporary appearance: it's also an integral part of our patented DTT (Decoupled Tweeter Technology). Our E 7-series is a perfect match for the new Jamo AV Receiver and DVD player... both sonically and aesthetically.



E 750



E 770

E 750 E 770

**Subwoofer amplifier + Boundary Gain Compensation**

The E 7 SUB is powered by a new class A/B amplifier capable of delivering a stunning 675 watts of peak power. This ensures effortless bass reproduction with total realism. Its boundary gain compensation switch (derived from our award-winning THX Ultra2-certified D 7SUB) helps deliver a very linear in-room bass response. Boundary gain compensation also gives you more flexibility when it comes to placement and in choosing your favourite listening position.

A comprehensive range of controls makes it as easy to integrate the E 7SUB with large floor standing speakers as with small high quality compact speakers.

**E 7SUB - the woofer**

Backed by a massive dual magnet, our new high-excursion 10in woofer, fitted with a rigid air-dried paper cone sets new standards for bass reproduction in its class. Whether it's with movies or music, this sub knows how to deliver the goods.

**Cabinet/design**

The E 7 cabinets are made of ultra-rigid MDF board. Take a closer look and you will see that the main cabinet edges are all offset at 2 degrees. This further enhances rigidity while minimising unwanted cabinet resonances and standing waves.





E 600



E 6CEN.5



SUB 1810

E 600 E 6CEN.5 SUB 1810

THE ENGINEERS' FAVOURITE DETAILS



DTT (Decoupled Tweeter Technology)

By decoupling the tweeter from the rest of the loudspeaker, vibrations transmitted from the front baffle to the tweeter are reduced by more than 20 dB resulting in an uncommonly detailed and realistic reproduction of high frequencies.



Neodymium Dome Tweeter

Neodymium is a powerful magnetic material - 10 times more powerful than a normal magnet. Because the magnet can be reduced in size, it can be placed inside the voice coil of the loudspeaker unit, allowing the magnetic force to be concentrated around the voice coil - exactly where it is needed.



Fibre-glass cone midrange and woofer

The midrange and woofer drive units used in the E 6 series feature diaphragms made of a special fibre-glass/glycol compound. This material helps to control and distribute wave modes evenly, thereby ensuring minimal coloration and a very transparent midrange reproduction. The inverted dust cap together with the natural rubber surround linearises frequency response even further.



E 660



E 680

E 660 E 680



Cabinet

The arc-shaped cabinets aren't just visually elegant – together with internal brachings this shape also enhances the rigidity of the design, thus preventing undesirable vibrations from colouring the sound.

The cabinet sides are made using the same technique used for the D 5 series, cutting longitudinal grooves in the MDF board to shape the cabinet.. What's more, the arc shape damps "standing waves" and so prevents sound waves from being

reflected back to the drivers – that way distortion/colouration is reduced to a minimum. The two floorstanders are equipped with a base with integrated shock absorbers that further enhance bass reproduction.

Electronic overload protection

An electronic PTC resistor limits power to the loudspeaker if it becomes overloaded. When the volume is turned down again, the resistor cools down and the sound is restored to its normal level.

Gold plated terminals

To ensure loss-less signal transfer, the E 6 is equipped with gold-plated binding posts that accept stripped wire as well as spades, pins etc.



Dark apple

PRODUCTION AND CRAFTS

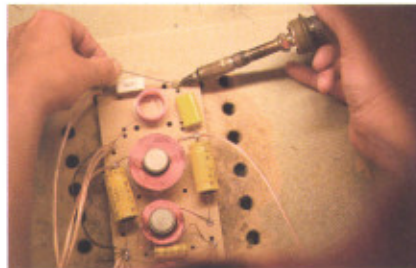


A chain is only as strong as its weakest link. That's why designing loudspeakers is not just a question of selecting the best possible components and materials, but also ensuring that they provide the best solution when combined.



Product development

This is based on market feedback, to ensure that we have a good sense of our customers' wishes and requirements. Jamo's innovative acoustic, electronic and mechanical engineers are responsible for product development – but the development process is never concluded until our experienced panel of listeners has approved the new product.



Construction

Everything is first modelled in 3D computer software, to make it easier to check that the various components, wooden elements, etc., fit together. This also means that design optimisation is possible at a much earlier stage of the development process. Such advanced 3D applications, however, are no replacement for our experienced model carpenters, who then produce a perfect, full-size prototype.



Production and Quality control

For Jamo, production and quality are simply two sides of the same coin – from the control of raw materials to the final thorough inspection of every finished loudspeaker. This begins with entry-point checking, during which all of the raw materials are subjected to test sampling. Similarly, samples of all production components used are tested during the production process. Then comes the final inspection of every product before it leaves the factory. Over and above those checks, products are selected every week from the finished goods warehouse and subjected to an additional 100% quality check of their sound, finish, packaging, accessories etc. All this guarantees that every aspect of a Jamo product will completely match your expectations.



SUB 1810



SUB 6510

SUB 1810 SUB 6510

THE ENGINEERS' FAVOURITE DETAILS

The Design

The compact cube-like design of the subwoofers makes them easy to integrate into almost any home. They are both visually as well as sonically designed to match Jamo's wide range of speakers.

**The woofer**

Our new high-excursion 10in woofer, backed by massive dual magnet and fitted with a rigid air-dried paper cone, helps ensure that these subwoofers set new standards for bass reproduction in their class. The front mounting of the woofer makes them very easy to integrate with your other speakers. Whether it's used for movies or music, this sub knows how to deliver the goods.

The amplifier

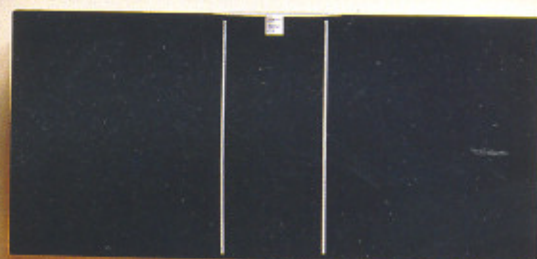
SUB 1810 is powered by a new class A/B amplifier capable of delivering a massive 180 watts of peak power. This ensures effortless bass reproduction with total realism.



SUB 6510 is powered by a new class A/B amplifier capable of delivering a stunning 650 watts of peak power. That ensures an extremely tight grip on the 10in woofer. SUB 6510 is a sealed cabinet and, due to its massive reserves of power, is able to deliver a very precise bass reproduction all the way down to 25 Hz.

Dark apple
only SUB 1810

Black







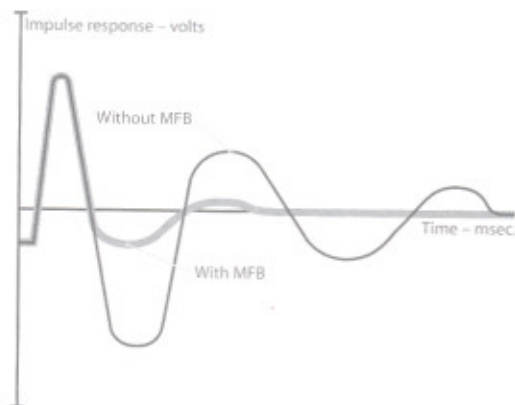
D 7 LCR D 7 SUR D 7 SUB

THE ENGINEERS' FAVOURITE DETAILS

Dual concentric diaphragm

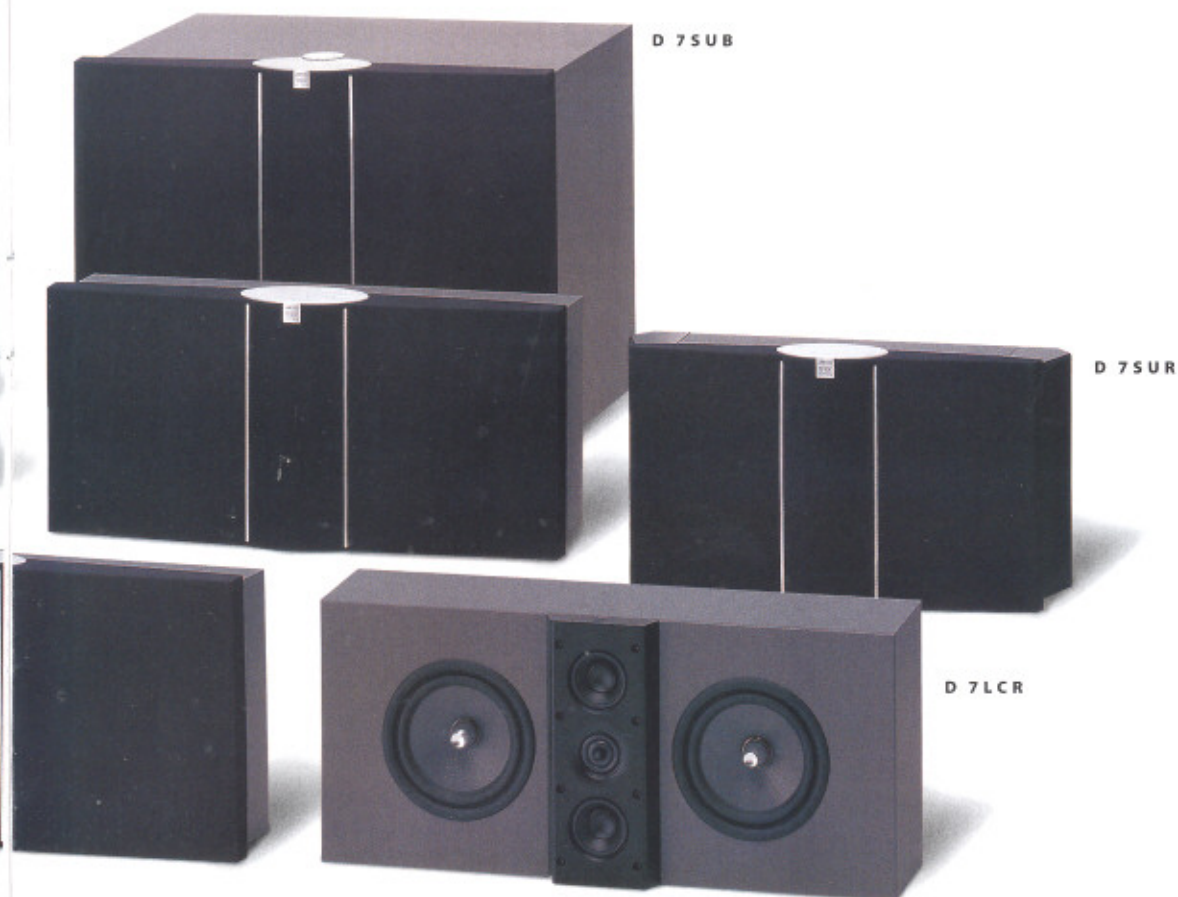
The totally unique tweeter features a clamped dual-concentric diaphragm and ventilated magnet system. Among other benefits, this extends the frequency range to a very low 1 kHz, allowing a smooth and seamless transition with the midrange, and then all the way up to 40 kHz, making it compatible with new digital multi-channel sound formats.

The voice coil is copper-plated aluminium wire, combining the low weight of aluminium with the superior conducting qualities of copper, and making magnetic oil for cooling and resonance damping unnecessary.



MFB (Motional feedback)

When a large woofer has been abruptly driven by a strong sonic impulse such as an explosion or a timpani, the woofer continues moving after the impulse stops. The MFB circuit compares the impulse to be reproduced with the actual movement of the woofer. If the woofer moves unnaturally in relation to the input signal, the MFB circuit corrects the error before it becomes audible. Furthermore, the MFB makes it possible to equalize the subwoofer to go deeper without losing any precision. The result is incredibly accurate, deep bass, full of punch and dynamics.



D 7LCR D 7SUR D 7SUB

LUCASFILM
THX
 ULTRA₂

THX Ultra2 Certified. The most stringent quality requirements for home cinema in the world, compiled by the people behind Star Wars and Indiana Jones ... LucasFilm.



Alu Centre plug

The aluminium centre plug replaces the traditional dust cap, making the cone lighter and faster. This also prevents sonic break-up as well as pressure swings behind the dust cap as the cone moves, resulting in more dynamic and precise sound reproduction. The aluminium centre plug cools the voice coil, providing increased power-handling capability and stable sound reproduction no matter how loud you play.

Design

The D 7 is a THX Ultra2 system designed for integration in a 'real world' living room. As well as being the most compact Ultra2 system in the world, it is also designed to look good in its own right, with a fully integrated feel to every aspect (a prime example being the aluminium tube from the floor stand that continues visually in the design of the speakers).



Accessories

D 7FS – The D 7LCR floor stand is cast iron and aluminium for optimal sound reproduction. The design features spike mountings and cable management.

EISA Award:

"HIGH END HOME THEATRE 2002-2003"

Home Theater, US:

"IT CAN DELIVER KNOCKOUT DYNAMICS, YET IT NEVER BECOMES AGGRESSIVE OR TIRING TO LISTEN TO."

Heimkino, Germany:

"REFERENCE CLASS"

Stone grey

SURROUND SOUND & JAMO

Surround Sound & Jamo

Jamo was one of the first loudspeaker manufacturers to see the potential of Dolby Surround for home use. From the outset we were also aware that consumer preferences differ as much with regard to surround loudspeakers as they do concerning hi-fi loudspeakers. Today, the benefit of our years of experience with both hi-fi and surround loudspeakers are available to all. Jamo's range of offerings makes it possible to set up home cinema systems that can satisfy *any* requirements.

If you demand high standards when it comes to cinematic realism, we strongly advise to take advantage of the 10 years of teamwork we've enjoyed with THX and choose one of our THX-certified solutions. With our deeply rooted Danish design traditions, Jamo was the first manufacturer to combine realistic cinema sound with beautiful design in an aesthetically pleasing solution.

So, if you want to experience real cinema sound without turning your living room into something that actually resembles a cinema or sound studio, Jamo provides more options than any other loudspeaker brand. Our unceasing development efforts have resulted in Jamo products receiving many awards and being test winners in numerous magazines.

Jamo Home THX

The impact of a memorable film becomes even greater when its soundtrack is reproduced by a THX-certified surround system. The THX certificate is your guarantee of high, uniform quality throughout the entire frequency range, clear and well-defined dialogue, accurate location of music and sound effects and, not least, effortless and realistic dynamics in reproduction – from the softest whisper to thundering explosions.

A THX-certified system in your own home will offer the same level of sound quality sound that's available in "professional" cinemas. And you will always have the best seat in the room... the one that the director would reserve for himself!

An unattainable dream can now come true

The THX standard for use in sound studios and cinemas was developed by Lucasfilm Ltd. – the company behind the Star Wars and Indiana Jones films which between them have won numerous Academy Awards for special effects and sound. Lucasfilm has adapted the THX standard for use in home cinemas, and the resulting Home THX specifications constitute the most detailed and demanding set of product requirements ever laid down for non-professional sound equipment.

Jamo has for 10 years now offered THX-certified loudspeaker systems – all offering far more than just what was required by the highest THX standard. All of our THX systems have included the benefited from Jamo's legendary reliability, sound quality and excellent craftsmanship, as well as stylish design... and very reasonable prices!

An investment you'll never regret

A warning label reading "This product is highly addictive" ought to be affixed to Jamo THX systems... once you have heard what these loudspeakers can do to enhance enjoyment of your favourite films and concerts, you will find it difficult to settle for less. Then again, you won't have to. "How can I make room for all these loudspeakers?" you might ask. Well, Jamo's THX speakers are probably the most compact Ultra/ Ultra2 products you will find on the market, and very easy to fit into the home environment. The slim, timeless design blends in perfectly with both modern and classical furniture. The exceptional freedom of choice with regard to placement is yet another advantage of the Jamo THX solutions.

"What about music?" is another frequently asked question. Here, Jamo remains true to its hi-fi background, because, unlike many other THX-approved loudspeakers, we strive to ensure our THX systems can play music well, because we believe – and know after many years of experience – that a musical system can always play a movie – whereas the opposite is seldom true.



**10 YEARS
TEAMWORK**

THX Jamo



D 6 LCR D 6 SUR D 6 SUB

THE ENGINEERS' FAVOURITE DETAILS

MFB (Motional feedback)

When a large woofer has been abruptly driven by a strong sonic impulse such as an explosion or a timpani, the woofer continues moving after the impulse stops. The MFB circuit compares the impulse to be reproduced with the actual movement of the woofer. If the woofer moves unnaturally in relation to the input signal, the MFB circuit corrects the error before it becomes audible. Furthermore, the MFB makes it possible to equalize the subwoofer to go deeper without losing any precision. The result is incredibly accurate, deep bass, full of punch and dynamics.



THX Ultra Certified in accordance with stringent quality requirements compiled by the people behind Star Wars and Indiana Jones... LucasFilm.

Cabinets

The cabinets are crafted in MDF (Medium-Density Fibre) board, a heavy, resonance-damping material that prevents sound coloration.

Design

The flat horizontal design (only 15 cm/6 in deep) makes it very easy to integrate a real high-performance cinema system into a living room. Despite its compact dimensions, the D 6SUB features a massive 15" woofer that delivers thunderous bass all the way down to 28 Hz.

Subwoofer

The 15" woofer features a vented double magnet system and a Kapton voice-coil former, 65mm in diameter and 40mm long. The 4-layer voice coil double magnet system make the motor of the driver very powerful, capable of very high power handling.

The diaphragm is made from polypropylene which is very rigid and the foam surround allows fast movement at its low frequency working range. The long throw woofer is capable of linear movements up to +/- 15 mm. It is equipped with a transducer at the back of the diaphragm which measures the acceleration, data that's used by the MFB servo control.

Video, Germany:

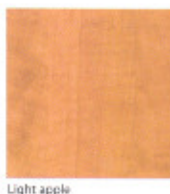
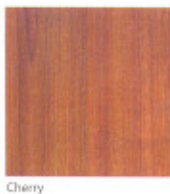
"WHAT THIS SUBWOOFER WAS ABLE TO DELIVER WAS GREAT, SUPER DRY, PRECISE BASS...THE JAMO SATELLITE SPEAKERS PROVED TO BE AN EXCELLENT MATCH"




























Brushed aluminium

Front											Center										
Model	System	Woofer	Midrange	Tweeter	Power*	Sensitivity	Frequency Range	Impedance	Weight	Dimensions	Model	System	Woofer	Midrange	Tweeter	Power*	Sensitivity	Frequency Range	Impedance	Weight	Dimensions
		W (mm) H (mm) D (mm)	W (mm) H (mm) D (mm)	W (mm) H (mm) D (mm)	(W) long/ short term 120/170	(dB) 2.8V/1m	Hz	Ohm	kg/lb	WxHxD mm/in			W (mm) H (mm) D (mm)	W (mm) H (mm) D (mm)	W (mm) H (mm) D (mm)	(W) long/ short term 110/150	(dB) 2.8V/1m	Hz	Ohm	kg/lb	WxHxD mm/in
D 830	2 Way bassreflex	6 1/2"/165		1/25 Dome	150/200	90	38-22000	4	12/26.5	245x380x310 9.6x15x12.2	D 8CEN	3 Way aperiodic chamber	2x6 1/2"/165	1 1/2"/38 Dome	1/25 Dome	110/150	91	65-20000	4	10.8/23.8	555x217x281 21.9x8.5x11.1
D 870	3 Way bassreflex	6 1/2"/165	6 1/2"/165	1/25 Dome	150/200	91	30-22000	4	32.5/71.7	278x1035x381 10.9x40.7x15											
D 7LCR	3 Way closed shielded	2x5 1/2"/140	2x2 1/2"/65	1/25 DCD	200/400	89	80-40000	4	11.1/24.5	591x272x173 23.3x10.7x6.8	D 7LCR	3 Way closed shielded	2x5 1/2"/140	2x2 1/2"/65	1/25 DCD	200/400	89	80-40000	4	11.1/24.5	591x272x173 23.3x10.7x6.8
D 6LCR	3 Way shielded	2x6 1/2"/165	2x3 1/2"/95	1/25 Dome	180/250	89	80-20000	4	11.5/25.4	595x290x150 23.4x11.4x5.9	D 6LCR	3 Way shielded	2x6 1/2"/165	2x3 1/2"/95	1/25 Dome	180/250	89	80-20000	4	11.5/25.4	595x290x150 23.4x11.4x5.9
D 570	1 Way bassreflex	6 1/2"/165	2x4/108	1/25 Dome	150/200	88	40-20000	4	21.2/46.7	222x935x266 8.7x36.8x14.4											
D 590	3 Way bassreflex	8/203	2x5/127	1/25 Dome	200/280	90	35-20000	4	25.8/56.9	261x1060x391 10.3x41.7x15.4											
D 400	2 Way closed	5 1/2"/140		1/25 DCD	100/140	88	80-40000	4	5.5/12.1	195x320x100 7.7x12.6x3.9	D 4CEN	2 Way bassreflex	2x4 1/2"/114		1/25 DCD	140/200	88	60-40000	4	6.8/15	435x160x181 17.1x6.3x7.1
D 430	2 Way bassreflex	6 1/2"/165	6 1/2"/165	1/25 DCD	140/200	88	45-40000	4	8/17.6	195x320x290 7.7x12.6x11.4											
D 450	2 1/2 Way dual bassreflex	2x6 1/2"/165		1/25 DCD	200/300	89	36-40000	4	20.5/45.2	195x900x300 7.7x35.4x11.8											
E 805	2 Way bassreflex	4/102		1/25 Dome	100/140	86	70-20000	4	3.3/7.3	130x224x200 5.1x8.8x7.9	E 8CEN.2	2 Way bassreflex	2x4/102		1/25 Dome	140/200	88	55-20000	6	6.2/13.7	404x130x175 15.9x5.1x6.9
E 825	2 Way bassreflex	5 1/2"/140		1/25 Dome	100/140	88	45-20000	4	5.1/11.2	175x347x286 6.9x13.7x11.3											
E 855	2 1/2 Way bassreflex	5 1/2"/140	5 1/2"/140	1/25 Dome	140/200	89	37-20000	6	15.3/33.7	175x862x341 6.9x33.9x13.4											
E 875	3 Way bassreflex	2 x 5 1/2"/140	5 1/2"/140	1/24 Dome	150/220	89	32-20000	6	19.3/42.6	175.00x1.011x 361.00 6.9x39.8x14.2											
E 700	2 Way bassreflex	4/102		1/25 DTT	100/140	85	70-20000	6	3.0/6.6	140x238x165 5.5x9.4x6.5	E 7CEN	2 Way bassreflex	2x4/102		1/25 DTT	100/140	87	80-20000	6	5.8/12.8	440x142x177 17.3x5.6x6.9
E 750	3 Way bassreflex	5 1/2"/140	5 1/2"/135	1/25 DTT	140/200	89	42-20000	6	14.5/31.9	185x912x315 7.3x35.9x12.4											
E 770	3 Way bassreflex	6 1/2"/165	6 1/2"/165	1/25 DTT	150/220	90	35-20000	6	17.2/37.9	195x998x320 7.7x39.3x12.6											
E 600	2 Way closed	4/102		1/25 Dome	50/70	87	90-20000	6	2.1/4.6	145x220x155 5.7x8.7x6.1	E 6CEN.5	2 Way bassreflex	2x4/102		1/25 Dome	50/70	87	80-20000	6	4.0/8.8	414x133x151 16.3x5.2x5.9
E 660	3 Way bassreflex	1x6 1/2"/165	3/76	1/25 Dome	100/140	88	45-20000	6	9.1/20.1	201x895x210 7.9x35.2x8.3											
E 680	3 Way bassreflex	2x8/203	3/76	1/25 Dome	120/170	90	40-20000	6	13.8/30.4	257x1029x205 10.1x40.5x8.1											

* According to IEC 268-5
Specifications subject to technical changes



SURround											SUBwoofer							Finish		
Model	System	Woofer	Midrange	Tweeter	Power*	Sensitivity	Frequency Range		Impedance	Weight	Dimensions	Model	System	Woofer	Rated Output	Frequency	Impedance	Weight	Dimensions	
							/peak power	Range												
		in/mm	in/mm	in/mm	W/amp short term	dB/2.83/1m	in/mm	Ohm	kg/lb	WxHxD mm/in			in/mm	W	Hz	Ohm	kg/lb	WxHxD mm/in		
D 8SUR	2 Way bipole/dipole	2x5 1/2 / 133		2x1/25 Dome	150/200	90	50-20000	6	5.4/11.9	205x272x194 10.1x10.7x7.6	D 8SUB	Elec. Sub. 2 Way bassreflex	12/305	400/700	28-120	22k	20.1/44.3	454x407x454 17.9x16x17.9		
D 7SUR	3 Way dipole	5 1/2/140	4x2 1/2/65	2x1/25 DCD	100/250	87	80-40000	4	7.3/16.1	508x205x126 20x10.4x5	D 7SUB	Elec. Sub. closed	15/380	400/700	20-200	22k	33.6/74.1	591x492x444 23.3x19.4x17.5		
D 6SUR	3 Way dipole	6 1/2/165	2x3 1/2/95	2x1/25	150/200	85	80-20000	4	6.7/14.8	435x210x150 17.1x8.3x5.9	D 6SUB	MFB Elec. Sub. bassreflex	15/380	400/700	28-200	10k	21.5/47.4	552x438x438 17.8x17.2x17.2		
D 900	2 Way closed	5 1/2/140		1/25 DCD	100/140	88	80-40000	4	5.5/12.1	195x320x100 7.7x12.6x3.9	D 4SUB	Elec. Sub. closed	2x8/203	400/700	22-160	22k	23.5/51.8	235x410x575 9.3x16.1x22.6	  	
E 8SUR.2	3 Way MPO	5 1/2/140	3 1/2/95	1/25 Dome	100/140	87	80-20000	8	2.4/5.3	282x267x153 11.1x10.5x6	E 8SUB.2	Elec. Sub. bassreflex	8/203	100/180	33-150	22k	11.9/26.2	258x335x490 10.2x13.2x19.3	   	
											E 8SUB.5	Elec. Sub. Closed	10/254	300/675	25-150	22k	21.5/47.4	405x399x472 15.9x15.7x18.6	   	
E 700	2 Way bass-reflex	4/102		1/25 DTT	100/140	85	70-20000	6	3.0/6.6	140x238x165 5.5x9.4x6.5	E 7SUB	Elec. Sub. Closed	10/254	300/675	25-150	22k	21.0/46.3	375x375x375 14.8x14.8x14.8	   	
E 600	2 Way closed	4/102		1/25 Dome	50/70	87	90-20000	6	2.1/4.6	145x220x155 5.7x8.7x6.1	SUB 1810	Elec. Sub. bassreflex	10/254	100/180	35-150	22k	14.0/30.9	340x340x340 13.4x13.4x13.4	   	
											SUB 1810	Elec. Sub. bassreflex	10/254	100/180	35-150	22k	14.0/30.9	340x340x340 13.4x13.4x13.4	 	
											SUB 6510	Elec. Sub. Closed	10/254	275/650	25-150	22k	19.1/42.1	375x375x375 14.8x14.8x14.8		

Key features – Jamo AVR-693 / AVR-793 (A/V Receiver)

Amplifier features	AVR-693	AVR-793
All discrete output stage (identical full bandwidth channels)	Yes	Yes
Volume control gain	Logarithmic -80dB to +10dB (1dB steps)	Logarithmic -80dB to +10dB (1dB steps)
Power output (8 ohm, 1 kHz, DIN)	6 x 85 W/ch	7 x 100 W/ch
Power output (6 ohm, 1 kHz, DIN)	6 x 120 W/ch	7 x 135 W/ch
Power output (4 ohm, 1 kHz, DIN)	6 x 150 W/ch	7 x 180 W/ch
Peak power (8 ohm)	274 W/ch	316 W/ch
Peak power (6 ohm)	346 W/ch	406 W/ch
Peak power (4 ohm)	451 W/ch	513 W/ch
THD (rated power)	0.08%	0.08%
Damping factor (1 kHz, 8 ohm)	60	60
Frequency Response	20 Hz - 20 KHz (+1 dB/-3 dB)	20 Hz - 20 KHz (+1 dB/-3 dB)
Tone Controls - bass & treble	Yes (+/- 10 dB)	Yes (+/- 10 dB)
Signal Processing features		
Dolby Digital	Yes	Yes
Dolby Digital EX	Yes	Yes
Dolby Pro Logic IIx	Yes	Yes
DTS	Yes	Yes
DTS-ES (Discrete/Matrix 6.1)	Yes	Yes
DTS Neo:6	Yes	Yes
Multichannel analogue input	5.1	5.1
Multichannel analogue input bass management with 3 positions	No	Yes
Cinema Filter (Re-EQ)	Yes	Yes
5.1 channel bass management	No	Yes (L,PF,H,PF, L,PF, BYPASS)
Late night mode	Yes	Yes
OSD	Yes	Yes
Adjustable speaker distance	Yes	Yes
Digital Crossover method	Triple	Triple
Crossover frequencies available	40/60/80/100/120/150 Hz	40/60/80/100/120/150 Hz
192 kHz/24-Bit DAC's	Yes (x 8)	Yes (x 8)
Signal inputs		
Number of inputs (Audio only)	4 sets	4 sets
AV inputs - rear panel (stereo + composite + S-video)	3 sets	3 sets
AV inputs - rear panel (component)		2 sets
AV inputs - front panel (stereo + composite + S-video)	1 set	1 set
Digital Audio inputs - rear panel	2 opt. + 2 coax.	2 opt. + 2 coax.
Digital Audio inputs - front panel	1 opt.	1 opt.
Analogue input for SACD/DVD-A	Yes 5.1	Yes 5.1
Signal input sensitivity	200 mV, 50 kOhm	200 mV, 50 kOhm
S/N Ratio	100 dB (IHF-A, 0.5V input)	100 dB (IHF-A, 0.5V input)
Signal outputs		
Pri-amp out	Yes (6.1)	Yes (7.1)
Audio record out	1 set	1 set
Digital audio out	1 opt. + 1 coax.	1 opt. + 1 coax.
Video out - composite & S-video	2 sets	2 sets
Video out - component		Yes (1 set)
Speaker connections - banana compatible binding posts	8 pair	9 pair
LFE/Subwoofer	Yes	Yes
Headphone jack at front	Yes	Yes
Tape record level & impedance	200 mV, 470 ohm	200 mV, 470 ohm
Pri-amp output level & impedance	1.0V, 470 ohm	1.0V, 470 ohm
Frequency response	10 Hz - 100 KHz (+1dB/-3 dB)	10 Hz - 100 KHz (+1dB/-3 dB)
Tuner parameters		
Number of presets (FM/AM)	33	33
RDS (RT,PTY,TP)	Yes	Yes
Sensitivity:FM mono/stereo	Less than 2 uV/less than 10 uV	Less than 2 uV/less than 10 uV
S/N ratio:FM Mono/FM stereo/AM	70 dB (IHF-A)/68 dB (IHF-A)/35 dB	70 dB (IHF-A)/68 dB (IHF-A)/35 dB
Tuner THD:FM mono/FM stereo/AM	0.3% / 1.0% / 3.0%	0.3% / 1.0% / 3.0%
General features		
Display dimmer	Yes (3 levels)	Yes (3 levels)
Sleep timer	90 minutes, 10 min. steps	90 minutes, 10 min. steps
A/B speaker drive	A or B selectable	A or B selectable
Dimensions (W x D x H) in/mm	435x372x150/17.1x14.6x5.9	435x372x150/17.1x14.6x5.9
Weight	13.2 kg/28.8 lb	13.6 kg/30.0 lb
Finish	Brushed aluminium	Brushed aluminium

Key features – Jamo DVD-593 (DVD Player)

Signal Processing features	DVD-593
Plays	DVD-Video, VCD, S-VCD, Audio CD, WMA MP3, DivX, MPEG4, CD-R, CD-RW, JPEG DVD-R, DVD-RW, DVD-R, DVD+RW
Audio outputs	5.1 analogue out, stereo analog out coaxial digital out, optical digital out
Video outputs	Composite video out, S-video out, Scart out components video out
Zoom function	x 1.5, x 2.0, x 3.0
Progressive scan	Yes (NTSC/PAL)
Display dimmer	3 level
Dimensions (W x D x H) mm/in	435x250x55/17.1x9.8x2.2
Weight	2.9 kg/6.3 lb
Finish	Brushed aluminium



DVD-593



AVR-693



AVR-793

Argentina Australia Austria Belarus Belgium Bosnia and Herzegovina Brazil Bulgaria Canada Chile
Colombia Croatia Cyprus Czech Rep. Denmark Ecuador Egypt Estonia Finland France Germany
Greece Greenland Hungary Iceland India Indonesia Iran Ireland Israel Italy Kazakstan Kuwait
Lithuania Macedonia Malaysia Malta Morocco Mexico Netherlands New Zealand Norway Philippines
Poland Portugal P.R.China Dominican Republic Romania Russia Saudi Arabia Switzerland Serbia
Singapore Slovakia Slovenia South Africa South Korea Spain Syria Sweden Taiwan R.O.C. Thailand
Tunisia Turkey Ukraine UAE UK United States Vietnam

