

E8 Series

2005



Jamo[®]
Let's get personal

The story of Jamo begins in the Danish fishing village of Glyngøre. The year is 1966, and Preben Jacobsen, a carpenter, decides to start building loudspeakers in his little henhouse. He has a passion for good craftsmanship and fine sound, and produces superbly designed loudspeakers with the aid of the latest acoustic technologies. However, he is somewhat less talented at selling so his brother-in-law, Julius Mortensen, enters the picture in 1968, bringing with him his export experience, gained in the fishing industry. Jacobsen and Mortensen: Jamo. The stage is set for an adventure to begin.



OUR HISTORY

In the years since then, Jacobsen's little henhouse has grown to become a 30,000 m² / 300,000 sq.ft state-of-the-art factory while Jamo is now Europe's biggest manufacturer of loudspeakers. At the same time, customer demands have become more individual and challenging. Which is lucky for us because developing new solutions is a daily source of inspiration in our work. Much has changed, but the soul and the driving force behind Jamo is still the same: we want to develop and build products that make a difference to people's lives, that connect on an emotional level.

What is good sound? There's no simple answer to that question because good sound is a highly subjective experience. Not only do we respect that fact – we consciously base 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 sound solutions that make a difference to the individual. This promise is built into all Jamo's products. You can hear it in our unrivalled sound quality. And you can see it in the stylish finish that characterises every single detail.

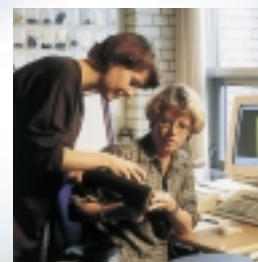
OUR PROMISE

Jamo's products are based on the Danish design tradition of simplicity and functionality. We care about the complete solution, not just the sound. In this catalogue, we hope you will notice both the details and the harmonious integrity that characterises Jamo products. They have been carefully developed, designed and manufactured to provide you with a unique experience. Or in other words: Jamo will make a difference to you.

OUR PRODUCTION

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.

The first step in the construction process is to set up an advanced 3D computer model to provide a foundation for both further design work and the programming of the computer-controlled part of the production process. The actual production environment brings together some of the world's most advanced robot machines and a team of vastly experienced carpenters who take great pride in their craftsmanship. It is no coincidence that Jamo's headquarters lies in a region that is home to a large part of Denmark's world renowned furniture production industry. For Jamo, production and quality control are simply two sides of the same coin all the way from the control of raw materials to the painstaking final inspection of every single finished loudspeaker. That's your guarantee that the sound, finish, accessories, packaging – in short, every aspect of a Jamo product – will totally match your expectations.



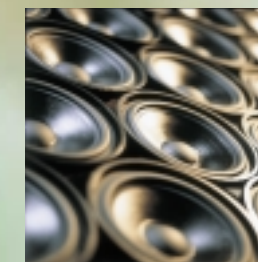
Product development

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.



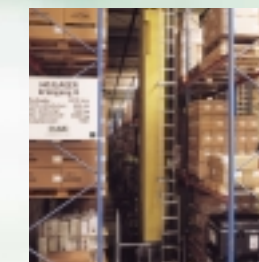
Construction

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.



Quality control

This begins with entry point checking, during which all of the raw materials are subjected to test sampling. Similarly, samples of all production components are tested during the production process. Then comes a final inspection of every product before it leaves the factory. Moreover, 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.



Warehouse

This is fully automated and based on the latest technology. Everything is controlled by bar codes and computers – right from the time that the orders are keyed into the system until they are delivered directly from Glyngøre to outlets all over Europe. For overseas deliveries, Jamo makes use of its finished goods warehouses in Chicago and Shanghai.

ELEGANT AND STYLISH

The new E8 series from Jamo reflects over 35 years of speaker design and manufacturing experience. The build quality and product finish do justice to the principles of Form and Function, something Scandinavian products are well-known for.

The components used in the E8 series models incorporate the very latest technology. Take a close look at the newly designed 5 1/2" drive units used for midrange and bass reproduction and you'll notice a precision-made aluminium-alloy centre plug. This has been specifically designed to minimise cone break-ups around the mounting point of the dust-cap and allow a flatter frequency response as well as dissipating heat generated by the voice coil. Sonically, it also allows a smoother crossover between the drive unit thus improving coherence throughout the frequency range.

E 805

The E 805 is a compact 2-way bass reflex bookshelf that uses a 1" textile tweeter and a newly designed 4" woofer – offering 100 W power handling and a truly superb bass performance belying its size.

The moulded rear baffle features an integrated wall-bracket and there are also beautiful custom-designed stands (E 805FS) available as an option.



E 805 (shown here in cherry finish)



E 825 (shown here in cherry finish)

E 825

Standing just over 35 cm high the 100 W E 825 bookshelf speaker utilises the powerful 5 1/2" woofer from the floorstanding E 855 model – in addition to a 1" tweeter, with all the performance benefits and timbre matching.

To facilitate free placing, the new designated E 825FS stand is the perfect fit. The sturdy E 825FS is manufactured in a combination of metal and wood and is available in the same finishes as the speaker.

For surround sound, the E8 range has a dedicated centre, surround and active subwoofer suitable for matching to the E 805 or E 825 front speakers

E 8CEN.2

As the main source of dialogue the centre-channel unit is usually the most visible speaker in any home cinema system... positioned above or below a screen it's usually permanently in the line of sight. Big, in this case, isn't always beautiful.

That's why the E 8CEN.2 presents slim profile and boasts a 1" soft textile dome tweeter with a Neodymium magnet (10x stronger than normal types) allied to a pair of new 4" woofers. The solid-wood cabinet is based on a 16 mm MDF carcass and sturdy wall-brackets are included as standard.

E 8SUR.2

As the ideal solution for delivering both multi-channel music and film soundtracks, the new E 8SUR.2 rear channel speakers utilise MPD (Midrange Phase Diffusion) to deliver the diffused sound similar to traditional dipole speakers but partnered with the bass response that they usually lack.

The design does this through the use of a 1" tweeter allied to a 5 1/2" woofer and a 3 3/4" midrange that's wired in opposite phase on the other side of the speaker.

E 8SUB.2

The powerful E 8SUB.2 active subwoofer is equipped with a 100 W amplifier and an 8" long throw woofer with a 38 mm / 4-layer voice coil for power handling – the bass reflex design extends the bass response down to 33 Hz.

Capable of delivering a maximum SPL of 102 db, the E 8SUB.2 will do justice to the most action-filled of soundtracks while drawing minimal attention to itself visually. As an additional convenience feature, the subwoofer switches on and off automatically whenever it receives a signal from the A/V receiver.



E 8SUR.2 (shown here in cherry finish)

E 8CEN.2

E 8SUB.2



E 855 (shown here in aluminium finish)

E 855

Superbly finished and bi-wirable, the 2 1/2" way bass-reflex design is similar to its predecessor, the highly acclaimed Jamo E 850, but there's significant new technology lurking within the elegant and sleek solid wood cabinet.

The new twin 5 1/2" drive units used for midrange and bass reproduction and massive, over-sized magnets give the 140 W E 855 speakers a truly breathtaking bass performance.

E 875

The E875 driver configuration consists of 2 x 5 1/2" woofers, a 5 1/2" midrange and same tweeter as its smaller brother, the E 855. Power rating increases to 150 W (RMS) and the larger cabinet allows the Frequency response to be extended by a full 5 Hz.



E 8SUR.2

E 8CEN.2

E 8SUB



E 875 (shown here in beech finish)

For surround sound, the E8 range has a dedicated centre, surround and active subwoofer suitable for matching to the E 855 or E 875 floorstanding front speakers

E 8CEN.2

As the main source of dialogue the centre-channel unit is usually the most visible speaker in any home cinema system... positioned above or below a screen it's usually permanently in the line of sight. Big, in this case, isn't always beautiful.

That's why the E 8CEN.2 presents slim profile and boasts a 1" soft textile dome tweeter with a Neodymium magnet (10x stronger than normal types) allied to a pair of new 4" woofers. The solid-wood cabinet is based on a 16 mm MDF carcass and sturdy wall-brackets are included as standard.

E 8SUR.2

As the ideal solution for delivering both multi-channel music and film soundtracks, the new E 8SUR.2 rear channel speakers utilise MPD (Midrange Phase Diffusion) to deliver the diffused sound similar to traditional dipole speakers but partnered with the bass response that they usually lack.

The design does this through the use of a 1" tweeter allied to a 5 1/2" woofer and a 3 3/4" midrange that's wired in opposite phase on the other side of the speaker.

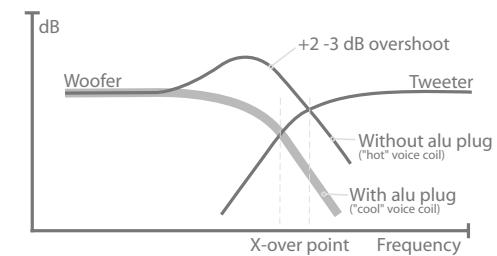
E 8SUB

The powerful E 8SUB 200 W amplifier uses state-of-the-art SMD technology coupled to a 10" long-throw driver. 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.

TECHNOLOGY

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.

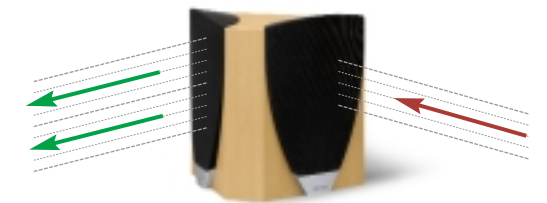
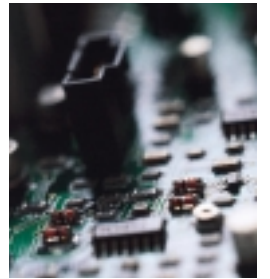
The result is a very precise quality of sound reproduction. The woofer itself has also been redesigned, with a surround that's been newly reworked to allow even greater cone excursion than previously possible... (+/- 10 mm versus the usual 7 mm). Combine that with the massive, over-sized magnet that's fitted, high rigidity cone and you've got a recipe for ultra-tight bass-lines with minimal 'overshoot'.



Subwoofer amplifier

The powerful E 8SUB 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.



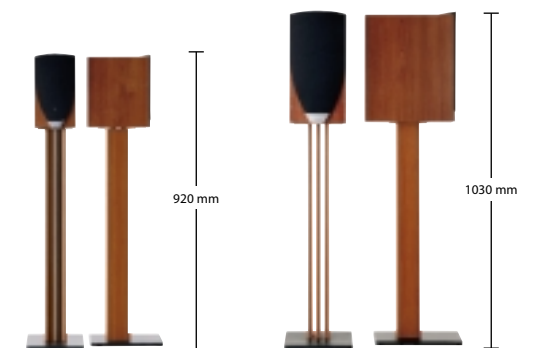
MPD (Midrange Phase Diffusion)

This unique Jamo technology incorporates a midrange unit in opposite phase with a 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.

Accessories

E 805FS + E 825FS

These brand new stands 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 E8 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..."

Fronts / Surrounds

Model	E 805	E 825	E 855	E 875
System	2-way bass reflex	2-way bass reflex	2 1/2-way bass reflex	3-way bass reflex
Woofer (mm)	122	140	140	140
Midrange (mm)			140	140
Tweeter (mm)	25 Dome	25 Dome	25 Dome	25 Dome
Power* (W) long / short term	100 / 140	100 / 140	140 / 200	150 / 220
Sensitivity (dB/2.8V/1 m)	86	88	89	89
Frequency Range (Hz)	70 - 20000	45 - 20000	37 - 20000	32 - 20000
Impedance (Ohm)	4 - 8	4 - 8	4 - 8	4 - 8
Weight (kg)	3.3	5.1	15.3	19.3
Dimensions (mm) W x H x D	130x224 x200	175 x347 x286	175 x862 x341	175x1011 x361
Finish				

CENtre

Model	E 8CEN.2
System	2-way bass reflex
Woofer (mm)	2 x 102
Midrange (mm)	
Tweeter (mm)	25 Dome
Rated Output* (W)	
Power* (W) long / short term	140 / 200
Sensitivity dB/2.8V/1 m	88
Frequency Range (Hz)	55 - 20000
Impedance (Ohm)	6
Weight (kg)	6.2
Dimensions (mm) W x H x D	404 x130 x190
Finish	

SURround

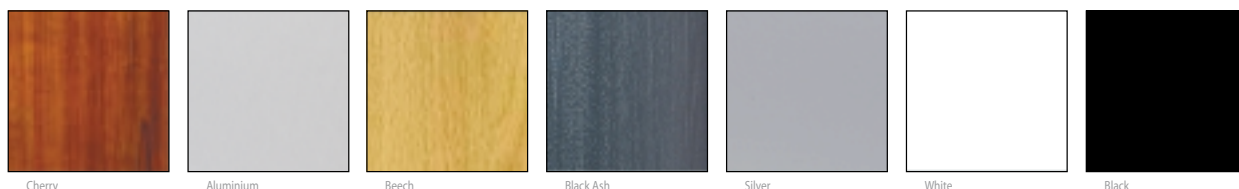
Model	E 8SUR.2
System	3-way MPD
Woofer (mm)	140
Midrange (mm)	95
Tweeter (mm)	25 Dome
Rated Output* (W)	
Power* (W) long / short term	100 / 140
Sensitivity dB/2.8V/1 m	87
Frequency Range (Hz)	80 - 20000
Impedance (Ohm)	8
Weight (kg)	2.4
Dimensions (mm) W x H x D	282x267x153
Finish	

SUB

Model	E 8SUB.2	E 8SUB
System	Elec.Sub. bassreflex	Elec.Sub. bassreflex
Woofer (mm)	203	254
Midrange (mm)		
Tweeter (mm)		
Rated Output* (W)		
Power* (W) long / short term	100	200
Sensitivity dB/2.8V/1 m		
Frequency Range (Hz)	33 - 150	33 - 150
Impedance (Ohm)	22 k	22 k
Weight (kg)	11.9	16.6
Dimensions (mm) W x H x D	258x335x490	415x348x428
Finish		

* According to IEC 268-5.

Please note, Jamo reserves the right to change the design and specification of goods without notice.



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