

NOVA

 WHARFEDALE

Subwoofer Series

Deeply Controlled. Effortlessly Integrated.



Recommended Retail Price: NOVA 8 - £799
NOVA 10 - £899
NOVA 12 - £1099
NOVA 15 - £1299

Availability

Order:	July 2026
Shipping:	July 2026

Powerful Bass, Refined for Modern Living

The Wharfedale NOVA Subwoofer Series is designed to deliver deep, controlled bass performance with the refinement, musicality, and understated elegance that defines modern Wharfedale design.

Available across a selection of four models — NOVA 8, NOVA 10, NOVA 12, and NOVA 15 — the NOVA Series has been developed to serve everything from compact music systems and contemporary living spaces through to high-performance home cinema installations. Regardless of size, every model shares the same design philosophy: authoritative low-frequency performance delivered with speed, composure, and effortless integration.

Focusing on balance, texture, and precision rather than exaggerated or uncontrolled bass output, the NOVA Series has been created to complement every level of the Wharfedale loudspeaker collection. Every element of the design has been engineered to produce bass that feels natural, impactful, and emotionally engaging. This includes newly developed long-throw drive units, complementary passive ABRs, and carefully tuned cabinet architecture — areas in which Wharfedale has excelled for decades.



CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

The resulting performance enhances rather than overwhelms. The realism and scale of the low-frequency extension bring an added dimension of excitement and immersion, yet each NOVA model remains composed, disciplined, and musically coherent even during the most demanding passages.

The visual philosophy of the contemporary Wharfedale product line-up is equally maintained, making NOVA subwoofers a natural match across the wider Wharfedale loudspeaker range. A premium matte black cabinet finish offers a sophisticated, understated appearance that integrates effortlessly into modern interiors. As with the ELYSIAN R, EVO 5, and DIAMOND 12i series, clean lines, restrained detailing, and carefully proportioned cabinetry allow the NOVA subwoofers to complement a system both aesthetically and acoustically without drawing unnecessary attention.

Long-throw Drivers

At the centre of NOVA subwoofer performance is a newly engineered long-throw driver system. Specifically developed for this new series, the drivers are designed to combine exceptional low-frequency extension with speed, precision, and transient accuracy.

The NOVA Series utilises rigid, lightweight paper cone diaphragms engineered to achieve an ideal balance of rigidity, responsiveness, and natural tonal character. Each cone is treated with a proprietary coating that enhances stiffness and improves self-damping characteristics without introducing unnecessary mass. This advanced cone treatment allows the diaphragm to maintain excellent piston-like behaviour under high excursion, reducing unwanted break-up modes and preserving clarity during demanding low-frequency reproduction.

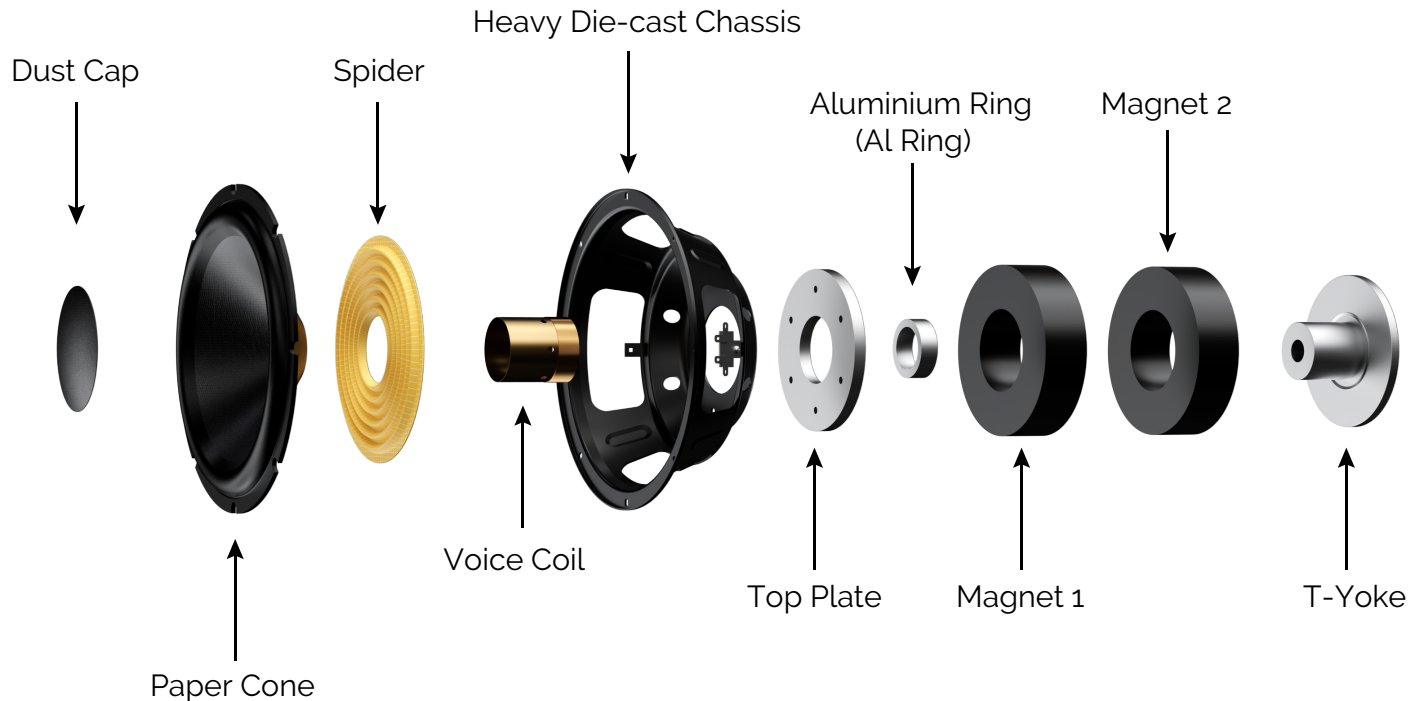
Paired with oversized high-roll surrounds and a high-excursion motor and suspension system, the drivers are capable of substantial linear cone movement while maintaining stability and composure under demanding operating conditions. This advanced excursion capability enables NOVA to generate higher sound pressure levels and reproduce explosive transient peaks with greater authority, scale, and dynamic realism.

The result is bass performance that combines physical impact with speed, texture, and control — equally capable of reproducing subtle musical detail and the full-scale energy of cinematic soundtracks.



CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

A large-diameter voice coil architecture further improves thermal efficiency throughout the system. Increased surface area enables superior heat dissipation and improved power handling during sustained high-output operation and the most demanding dynamic passages. Performance remains consistent through both music listening and high-energy cinematic playback, while low-level detail and tonal precision are equally preserved during more delicate listening sessions.



Aluminium Shorting Rings

Wharfedale engineers have also incorporated aluminium shorting rings within the motor structure to further enhance transient response and reduce distortion.

As the voice coil moves through the magnetic gap, changes in inductance can introduce distortion and soften transient behaviour. Shorting rings help reduce inductance modulation, allowing the motor system to behave more consistently as the driver moves. Linearity is improved while unwanted distortion artefacts are minimised.

The audible benefit is greater precision. Bass notes start and stop with better definition. Rhythmic timing is preserved more naturally. Low-frequency detail is easier to follow, whether the source is an acoustic bass instrument, kick drum, synthesiser line or cinematic low-frequency effect.

This distinction is central to the NOVA character. Many subwoofers can produce bass energy. NOVA is engineered to preserve the shape, timing and texture of that energy. Each subwoofer is voiced to preserve tonal integrity, allowing low frequencies to integrate seamlessly into the wider soundstage rather than sounding loose or exaggerated.

CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

ABR-Assisted Low-Frequency Loading

All NOVA models further benefit from a down-firing mass-loaded ABR (Auxiliary Bass Radiator) system featuring a sophisticated dual-suspension design.

An ABR works with the active driver to extend low-frequency output without using a conventional reflex port. This gives NOVA an important technical advantage: it can deliver deeper and more efficient bass extension while avoiding common port-related problems such as turbulence, chuffing, port compression and unwanted resonance.

The ABR is positioned downwards to help room coupling and preserve a visually clean cabinet design. The mass-loaded tuning has been individually optimised for each model, taking into account cabinet volume, active driver diameter, amplifier capability and the intended operating range of the subwoofer.

The result is bass reproduction that combines the speed and control typically associated with sealed systems alongside the scale and extension of larger reflex-loaded designs.

To ensure versatility across a wide range of systems and environments, the 8", 10", 12", and 15" models have each been individually optimised according to their specific cabinet volume, driver diameter, amplifier configuration, and acoustic loading.

The aim is not simply more bass. The aim is cleaner, deeper and more controlled bass.

The result is a consistent family of subwoofers that maintains the same Wharfedale balance and character throughout the entire NOVA Series.



CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

High-Current Class-D

The NOVA Series is built around a high-current Class-D amplifier platform engineered for efficiency, speed, and sustained low-frequency control. Capable of delivering up to 80V peak output, the NOVA amplifier stage provides substantial dynamic headroom and authoritative low-frequency control without strain or compression.

The amplifier stage is carefully matched to the driver system as part of the complete acoustic system. The driver, cabinet loading, amplifier and DSP are tuned together to deliver substantial power reserves with excellent thermal stability and dynamic responsiveness. This allows NOVA subwoofers to remain composed and highly reactive during demanding musical passages and high-impact cinematic moments alike.

DSP-Controlled Dynamic EQ

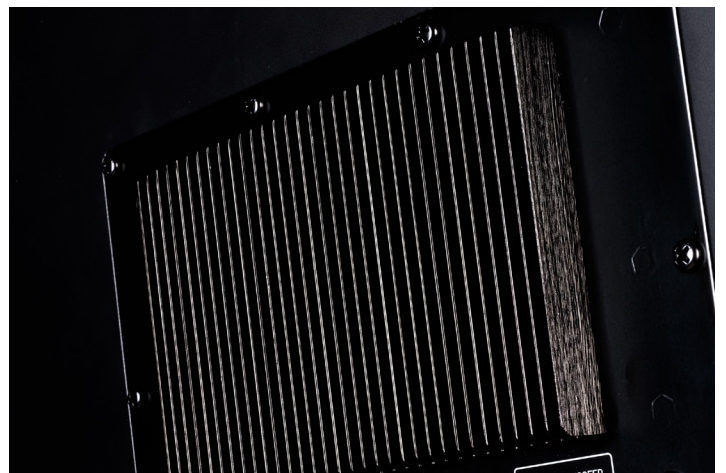
Rather than sounding aggressive or overdriven, NOVA maintains clarity, authority and balance through its onboard DSP-controlled dynamic EQ.

At lower listening levels, bass often seems subjectively reduced to the human ear because of how it responds to the low frequency spectrum. The DSP-controlled dynamic EQ helps preserve perceived weight and extension without making the subwoofer sound bloated or detached.

At higher levels, DSP management helps protect the driver and amplifier from overdrive, controlling excursion and maintaining cleaner output. Rather than allowing the subwoofer to become uncontrolled when pushed hard, NOVA manages available headroom intelligently.

NOVA bass performance feels significantly larger and more authoritative than the subwoofer's physical dimensions might suggest.

This approach allows the larger NOVA 12 and NOVA 15 models to deliver room-filling low-frequency performance with confidence, while the compact NOVA 8 and NOVA 10 models remain agile, articulate, and ideally suited to smaller listening environments.



CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

Tuned for Seamless Integration

When adding a subwoofer to a carefully considered system, experienced listeners quickly learn that true low-frequency performance is not simply about depth — it is about integration.

The NOVA Series has therefore been engineered to integrate naturally and coherently with a wide variety of loudspeaker systems, not least the wider Wharfedale product portfolio.

As with all Wharfedale models, extensive listening sessions, tuning, and acoustic evaluation have been carried out to ensure NOVA subwoofers deliver bass that feels connected to the loudspeakers rather than separate from them. Adjustable crossover control, phase alignment, and level calibration allow users to fine-tune performance according to room acoustics and system requirements.

The resulting bass reproduction enhances the entire presentation, adding atmosphere, scale, and authority. Music playback gains body and weight, while film soundtracks deliver greater impact and immersion — all while preserving balance and coherence.

In line with its discreet industrial design, a Wharfedale NOVA subwoofer is designed to disappear into the system, leaving only the performance behind.

NOVA Series Range

NOVA 8

Compact, agile, and highly versatile, the NOVA 8 is designed for smaller listening spaces, desktop systems, compact stereo installations, and discreet home cinema applications. Despite its compact footprint, it delivers controlled low-frequency extension with impressive speed and articulation.

NOVA 10

The NOVA 10 offers increased scale and low-frequency authority while retaining the agility and musicality that defines the NOVA Series. Ideal for medium-sized rooms and balanced hi-fi or cinema systems.

NOVA 12

Designed for listeners seeking greater dynamic impact and deeper bass extension, the NOVA 12 delivers substantial low-frequency energy with composure and precision. Particularly well suited to larger listening environments and immersive cinema systems.

NOVA 15

The largest model in the range, the NOVA 15 delivers commanding low-frequency performance with exceptional scale, depth, and authority. Engineered for demanding home cinema installations and large listening spaces, it combines immense output capability with the control and refinement expected of Wharfedale.

CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

Key Features

- **Four-model range**

From the compact 8" and 10" models up to the larger 12" and 15" options, the series is designed to complement all manner of spaces and systems.

- **Newly engineered long-throw driver systems**

Engineered for substantial linear excursion and exceptional control, the NOVA driver systems deliver deep, powerful bass with impressive speed, articulation, and dynamic authority.

- **High-current Class-D amplification**

Carefully matched high-current Class-D amplification provides substantial power reserves, excellent efficiency, and effortless low-frequency control even during demanding high-output performance.

- **Tuned for musical integration and cinematic impact**

Meticulously voiced to integrate seamlessly with both hi-fi and home cinema systems, With user-selectable options for musical coherence or the scale and energy required for immersive cinematic reproduction.

- **Adjustable crossover, phase, and level controls**

Onboard adjustment allows precise optimisation for room acoustics, loudspeaker integration, and individual listening preferences.

- **Dynamic EQ**

Advanced Dynamic EQ processing intelligently maintains tonal balance and low-frequency performance across varying listening levels, preserving impact, detail, and control.

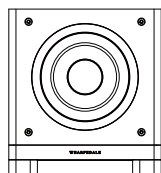
- **Resonance-controlled cabinet construction**

Extensively braced, resonance-controlled cabinet construction minimises unwanted colouration and vibration, ensuring cleaner, tighter, and more accurate bass reproduction.

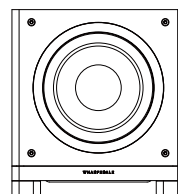


CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

Specifications



NOVA 8

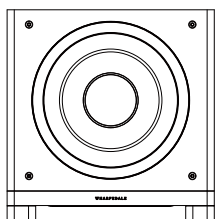


NOVA 10

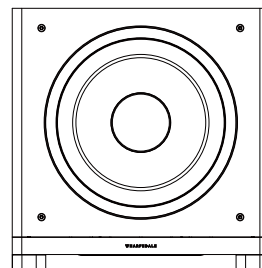
Description	Active ABR subwoofer system	Active ABR subwoofer system
Driver Unit	(8") 200mm cone long-throw	(10") 250mm cone long-throw
Passive Radiator	(10") 250mm SPL paper cone	(10") 250mm SPL paper cone
LF extension (-6dB)	33Hz	29Hz
Max SPL at 40Hz	105dB	107dB
Amplifier Type	Class-D	Class-D
Amp Power	200W Nominal / 500W Peak	230W Nominal / 500W Peak
Crossover Range	40Hz-160Hz	40Hz-160Hz
Low Level Input	Stereo Line In (2 x RCA, R to support LFE)	Stereo Line In (2 x RCA, R to support LFE)
High Level Input	Speaker-level input: 4 x binding posts (4mm)	Speaker-level input: 4 x binding posts (4mm)
Low Level Output	Stereo Line Output (2 x RCA)	Stereo Line Output (2 x RCA)
Trigger	12V	12V
USB	Update	Update
AC Input	AC 100-240V	AC 100-240V
Standby consumption	<0.5W	<0.5W
Finish	Matte Black	Matte Black
Dimensions	Height: 348mm (including plinth and rubber pads) Width: 320mm Depth: 361mm (including grille and terminals)	Height: 391mm (including plinth and rubber pads) Width: 363mm Depth: 408mm (including grille and terminals)
Other accessories	Power cord, manual, rubber feet pads	Power cord, manual, rubber feet pads
Net Weight	16.3kg/pcs	22.2kg/pcs
Gross Weight	18.4kg/ctn	24.9kg/ctn

CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

Specifications



NOVA 12



NOVA 15

Description	Active ABR subwoofer system	Active ABR subwoofer system
Driver Unit	(12") 300mm cone long-throw	(15") 380mm cone long-throw
Passive Radiator	(12") 300mm SPL paper cone	(15") 380mm SPL paper cone
LF extension (-6dB)	28Hz	28Hz
Max SPL at 40Hz	110dB	110dB
Amplifier Type	Class-D	Class-D
Amp Power	280W Nominal / 770W Peak	360W Nominal / 770W Peak
Crossover Range	40Hz-160Hz	40Hz-160Hz
Low Level Input	Stereo Line In (2 x RCA, R to support LFE)	Stereo Line In (2 x RCA, R to support LFE)
High Level Input	Speaker-level input: 4 x binding posts (4mm)	Speaker-level input: 4 x binding posts (4mm)
Low Level Output	Stereo Line Output (2 x RCA)	Stereo Line Output (2 x RCA)
Trigger	12V	12V
USB	Update	Update
AC Input	AC 100-240V	AC 100-240V
Standby consumption	<0.5W	<0.5W
Finish	Matte Black	Matte Black
Dimensions	Height: 443mm (including plinth and rubber pads) Width: 435mm Depth: 487mm (including grille and terminals)	Height: 549mm (including plinth and rubber pads) Width: 540mm Depth: 607mm (including grille and terminals)
Other accessories	Power cord, manual, rubber feet pads	Power cord, manual, rubber feet pads
Net Weight	29.3kg/pcs	47.8kg/pcs
Gross Weight	33.2kg/ctn	55kg/ctn

CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

NOVA

Subwoofer Series
Deeply Controlled. Effortlessly Integrated.



CONFIDENTIAL. SHARED UNDER NDA. NOT FOR PUBLIC DOMAIN.

 WHARFEDALE

 www.wharfedale.co.uk

 [wharfedale_hifi](https://www.instagram.com/wharfedale_hifi)

 [Wharfedale HiFi Official](https://www.youtube.com/WharfedaleHiFiOfficial)

 [wharfedalehifi](https://www.facebook.com/wharfedalehifi)

 [wharfedalehifi](https://www.twitter.com/wharfedalehifi)

IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK