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Above Wharfedale's quartet of Nova Series subwoofers

Nova subwoofers: power, refinement, control

Four new Wharfedale subwoofers with one shared philosophy: deep, authoritative bass that enhances music and movies while integrating seamlessly into any system

Cambridgeshire, England – Wharfedale, Britain's most famous loudspeaker brand, introduces the Nova Series: four new active subwoofers offering a range of sizes to suit different system requirements. Comprising the Nova 8, Nova 10, Nova 12 and Nova 15 – the numbers indicating the main driver's diameter in inches – the series is designed to serve everything from compact music systems to full-scale home cinema installations.

Although bass depth and maximum output scale with size, the design philosophy is consistent across all four models. Rather than chasing chest-thumping, window-rattling exaggeration, the Nova Series is built around balance, texture and precision. The result is bass that feels natural and emotionally engaging rather than overwhelming, achieved through newly developed long-throw drivers, passive Auxiliary Bass Radiators (ABRs) and cabinet architecture refined through decades of Wharfedale acoustic engineering.

Engineered for depth, speed and control

At the heart of every Nova subwoofer is a newly engineered long-throw driver, developed to deliver exceptional extension whilst maintaining transient accuracy and composure.

Rigid, lightweight paper cones feature a proprietary coating that increases stiffness and self-damping without adding unnecessary mass. When paired with a heavy-duty die-cast chassis, an oversized high-roll surround and a high-excursion motor system, they enable substantial linear movement while maintaining stability at high output levels.



Left The front-mounted active driver in every Nova model is engineered to deliver perfectly balanced power and control

A large-diameter voice coil enhances thermal efficiency and power handling, while an aluminium shorting ring in the motor structure improves linearity, transient response and distortion performance.

The result is bass with greater definition and natural rhythmic timing – equally capable of revealing the texture of acoustic bass and kick drums or delivering the explosive impact of a cinematic soundtrack. This is a distinction central to the Nova subwoofers' performance: rather than simply producing bass energy, they preserve its shape, timing and texture.

ABR-assisted low-frequency loading

Every Nova model incorporates a downward-firing, mass-loaded ABR with a dual-suspension design. Working alongside the active driver, it extends low-frequency output without a conventional reflex port, avoiding issues such as turbulence, chuffing, compression and unwanted resonance.



Left A passive ABR fires down from the bottom of the cabinet to smoothly extend each sub's bass performance

Each model's acoustic loading is individually optimised according to its cabinet volume, driver size, amplifier configuration and intended operating range. This delivers the speed of a sealed enclosure with the scale of a larger reflex design – a carefully balanced combination of depth and control.

Class D amplification and DSP

The Nova subwoofers' high-current Class D amplifier platform is engineered for efficiency, speed and sustained low-frequency control. It delivers a nominal power rating between 200W and 360W (depending on the model), up to 80V peak output and substantial dynamic headroom.

The amplifier, driver, cabinet loading and Digital Signal Processing (DSP) have been developed as an integrated system, ensuring that the available power translates into a controlled, responsive performance without strain or compression.



Left Rear-panel connections and amplifier adjustments enhance the performance and versatility of every Nova subwoofer

Nova's DSP-controlled dynamic EQ delivers convincing bass performance across a wide range of listening levels. At lower volumes, it preserves perceived weight and extension. At higher levels, it manages driver excursion to maintain clean output and protect the system from overdrive. This allows Nova subwoofers to sound larger and more authoritative than their physical footprint suggests.

Tuned for seamless integration

Every Nova subwoofer has been engineered to become a natural extension of the speakers with which they are partnered, adding atmosphere, scale and authority while remaining coherent with the overall system performance.

During development, extensive listening, tuning and acoustic evaluation have ensured that low frequencies integrate naturally with a range of system configurations and environments. Adjustable crossover, phase alignment and level calibration allow users to further fine-tune performance to suit their room and system.



Left Top-quality design, engineering and construction ensure flawless performance across a range of rooms and systems

Nova Series: pricing and availability

Nova 8

RRP: £799

Compact, agile and versatile, the Nova 8 is designed for smaller rooms, desktop systems, compact stereo installations and discreet home cinema.

Nova 10

RRP: £899

Offering greater sonic scale while retaining the agility and musicality of the series, the Nova 10 is ideally suited to bring impressive bass authority to music and movies in medium-sized rooms.

Nova 12

RRP: £1099

Delivering deeper extension and greater dynamic impact, the Nova 12 is designed for larger listening environments and immersive home cinema systems.

Nova 15

RRP: £1299

The flagship of the series, the Nova 15 combines commanding scale, depth and authority with the control and refinement expected of Wharfedale. Designed for demanding home cinema installations and larger spaces, it delivers immense output capability without sacrificing composure.

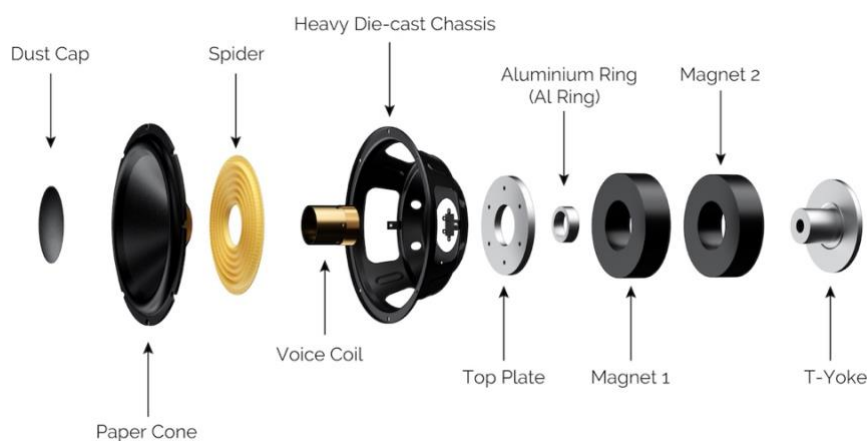
All four Wharfedale Nova subwoofers are available from late September in a stealthy matt black finish designed to blend in unobtrusively, leaving only seamlessly integrated bass that grips the listener and energises the room.



SPECIFICATIONS	NOVA 8	NOVA 10
Long-throw active bass driver	8in/200mm coated paper cone	10in/250mm coated paper cone
Downward-firing passive radiator	10in/250mm coated paper cone	10in/250mm coated paper cone
Low frequency extension (-6dB)	33Hz	29Hz
Class D amplification	200W nominal/500W peak	230W nominal/500W peak
Crossover range	40Hz-160Hz	40Hz-160Hz
Low-level audio input	Stereo line in (2x RCA, R to support LFE)	Stereo line in (2x RCA, R to support LFE)
High-level audio input	Speaker-level input: 4x binding posts (4mm)	Speaker-level input: 4x binding posts (4mm)
Low-level audio output	Stereo line output (2x RCA)	Stereo line output (2x RCA)
Non-audio inputs	12V trigger; USB for firmware updates	12V trigger; USB for firmware updates
Dimensions (HxWxD); weight	348x320x361mm; 16.3kg	391x363x408mm; 22.2kg

SPECIFICATIONS	NOVA 12	NOVA 15
Long-throw active bass driver	12in/300mm coated paper cone	15in/380mm coated paper cone
Downward-firing passive radiator	12in/300mm coated paper cone	15in/380mm coated paper cone
Low frequency extension (-6dB)	28Hz	28Hz
Class D amplification	280W nominal/770W peak	360W nominal/770W peak
Crossover range	40Hz-160Hz	40Hz-160Hz
Low-level audio input	Stereo line in (2x RCA, R to support LFE)	Stereo line in (2x RCA, R to support LFE)
High-level audio input	Speaker-level input: 4x binding posts (4mm)	Speaker-level input: 4x binding posts (4mm)
Low-level audio output	Stereo line output (2x RCA)	Stereo line output (2x RCA)
Non-audio inputs	12V trigger; USB for firmware updates	12V trigger; USB for firmware updates
Dimensions (HxWxD); weight	443x435x487mm; 29.3kg	549x540x607mm; 47.8kg

Nova Series driver construction





British loudspeakers have always enjoyed an excellent reputation around the world, and Wharfedale is perhaps the most famous brand of all. Stretching back to 1932, when Wharfedale's founder Gilbert Briggs built his first speaker in the cellar of his Yorkshire home, Wharfedale has been responsible for some of the most important loudspeakers ever produced, introducing many techniques and technologies that became commonplace such as the two-way loudspeaker (invented in 1945) and the use of ceramic magnets (pioneered in 1962).

Now approaching its 95th year, Wharfedale continues its quest to deliver excellent sound quality and value-for-money with an array of class-leading speakers, from the latest iteration of the famous Diamond line – the quintessential entry point to high-fidelity sound – to the upmarket EVO 5, Aura and Elysian R ranges, and the reborn classics of the Heritage Series.

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