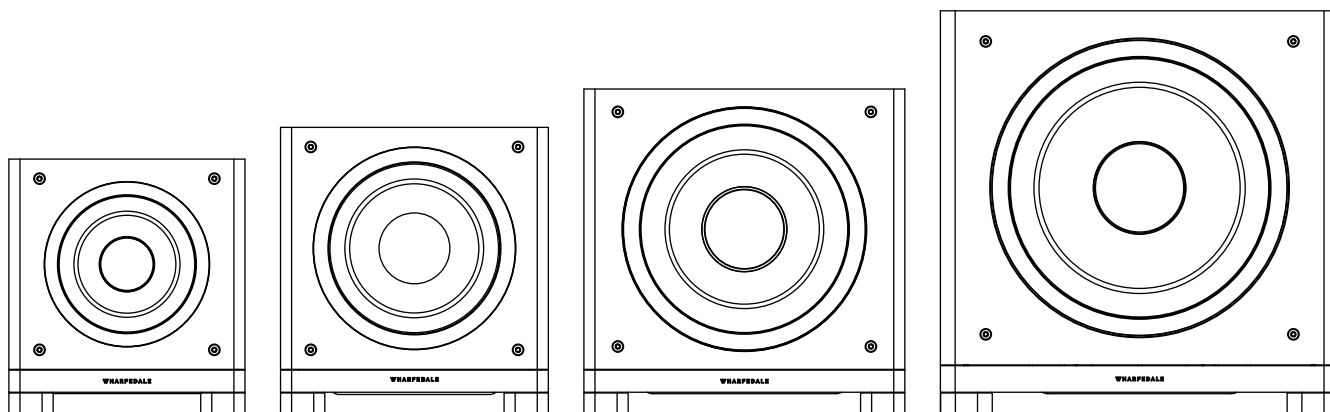


NOVA Subwoofer

NOVA 8
NOVA 10
NOVA 12
NOVA 15



User Manual

 WHARFEDALE

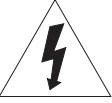
BRITAIN'S MOST FAMOUS LOUDSPEAKERS

 YEAR
WARRANTY

Scan the QR code with a smartphone to
register your product warranty online.



IMPORTANT SAFETY INFORMATION



CAUTION!

RISK OF ELECTRIC SHOCK

DO NOT OPEN



TO REDUCE THE RISK OF ELECTRIC SHOCK

DO NOT REMOVE COVER (OR BACK)

NO USER-REMOVEABLE PARTS INSIDE

REFER SERVICING TO QUALIFIED PERSONNEL

ADVERTISSEMENT: RISQUE DE CHOC ELECTRIQUE- NE PAS OUVRIR



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

Read these instructions before using your NOVA subwoofer.

Keep this manual for future reference.

Follow all warnings on the product and in this manual.

Do not use this product near water.

Do not expose the product to rain, moisture, dripping or splashing.

Do not place objects filled with liquid, such as vases, on or near the product.

Install the product away from heat sources such as radiators, heaters, stoves or amplifiers.

Ensure there is adequate ventilation around the product.

Do not block ventilation openings.

Do not place naked flame sources, such as candles, on the product.

Protect the power cord from being walked on, trapped or pinched.

Connect the product only to a suitable mains supply.

A product with a protective earth terminal must be connected to a mains outlet with a protective earth connection.

Unplug the product during lightning storms or when unused for long periods.

Refer all servicing to qualified service personnel.

CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Do not install this equipment in a confined or built-in space such as a bookcase or similar unit, and keep well ventilated in an open space. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains etc.

WARNING: Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, battery etc.).

WARNING: Please refer to the information on the exterior panel of the enclosure for electrical and safety information before installing or operating the apparatus.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on the apparatus.

WARNING: For the terminals marked with the symbol of "⚡" may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the use of ready-made leads or cords.



Correct disposal of this product: This marking indicates that this product should not be disposed with other household waste throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources.

To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.



Protective earth terminal: This product must be connected to a mains outlet with a protective earth connection.

Denmark: Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.

Finland: Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan.

Norway: Apparatet må tilkoples jordet stikkontakt.

Sweden: Apparatens skall anslutas till jordat uttag.

WARNING: No naked flame sources, such as lighted candles, should be placed on the apparatus.

WARNING: Use of the apparatus in tropical climates.

FUSE RATINGS

Use only the correct replacement fuse type.

Model	Fuse rating
NOVA 8	100V-240V T4.0AL 250V slow blow
NOVA 10	100V-240V T5.0AL 250V slow blow
NOVA 12	100V-240V T6.3AL 250V slow blow
NOVA 15	100V-240V T8.0AL 250V slow blow

WELCOME TO NOVA

Thank you for choosing Wharfedale.

The NOVA Subwoofers have been designed to bring controlled, musical low-frequency performance to your system in both stereo and home cinema applications. Whether you are adding low-end weight and scale to your music or bringing greater impact to film soundtracks, NOVA is designed to support your main loudspeakers without overwhelming them.

Wharfedale has been designing loudspeakers since 1932. NOVA continues that tradition with a simple goal: honest engineering, useful features and sound that makes music and films more enjoyable. By following the instructions in this manual, we are confident that you will enjoy your NOVA subwoofer for many years.

WHAT'S IN THE BOX

Your NOVA subwoofer carton should contain:

1 x NOVA Subwoofer

1 x Power cord (plug applicable to your region)

1 x User manual

1 x Set of rubber feet pads

Carefully unpack the subwoofer and accessories. We recommend that you retain the packaging for future use.

If you recycle the packaging, please do so in accordance with local recycling guidance and responsibilities.

BEFORE YOU CONNECT

Before connecting the subwoofer:

Switch off your amplifier, AV receiver, processor and source equipment.

Disconnect mains power where necessary.

Make sure the NOVA power switch is set to OFF.

Turn the subwoofer volume control fully down.

Check that all speaker terminals are tight.

Make sure that your speaker cables are securely fitted and not touching other cables or terminals.

We recommend using good-quality, screened RCA cables for line-level connections.

Keep signal cables away from mains cables where possible to reduce hum.

Ask your Wharfedale dealer for advice if you are unsure which connection method is right for your system.

INSTALLATION

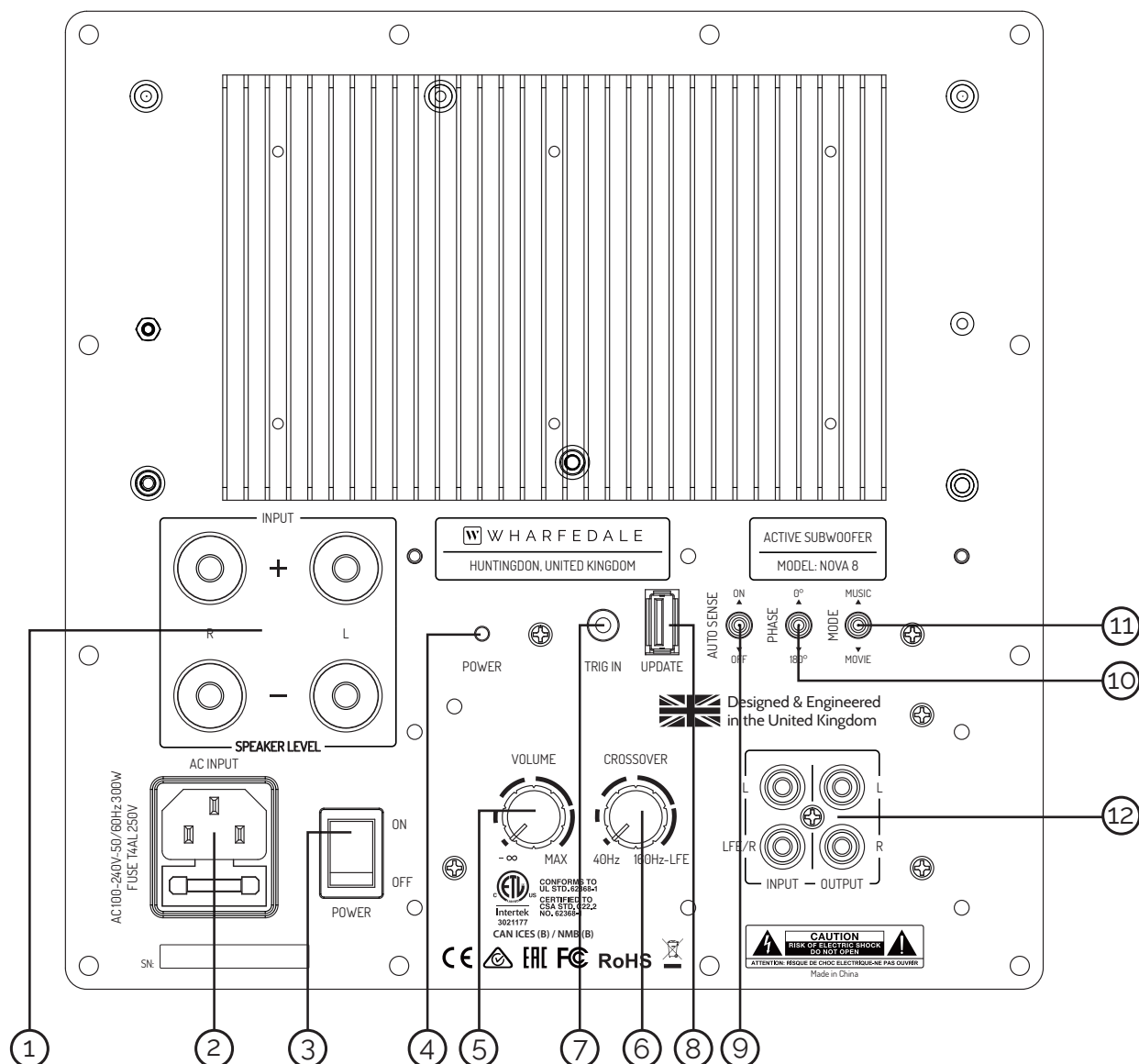
1. Place the NOVA subwoofer near the front of the room, ideally close to the main speakers.
2. Connect your AV receiver, processor or amplifier to the NOVA subwoofer. (See page 6 for help in choosing the appropriate connection for your application).
3. Ensure the volume is set to minimum before switching on.
4. Set Phase to 0°.
5. Choose your operating mode - Music for music listening or Movie for home cinema.
6. Switch on your system.
7. Play familiar music or a film scene with steady bass.
8. Increase the subwoofer volume gradually until the bass sounds full but natural.

The best setting is usually not the loudest setting. NOVA should extend your system, not draw attention to itself.

By moving the NOVA subwoofer closer to the wall, you will increase the bass performance further but potentially at the expense of clarity.

We recommend experimenting with the final positioning but always avoid surfaces that may rattle. See page 5 for more information regarding in-room placement.

REAR PANEL OVERVIEW



Number	Control / connection	What it does
1	Speaker inputs	For speaker-level connection from an amplifier
2	Mains input	Connects the supplied power cord
3	Power switch	Switches the subwoofer on or off
4	Power indicator	Shows operating or standby status
5	Volume	Adjusts the subwoofer output level
6	Crossover	Adjusts the upper frequency limit of the subwoofer
7	12V trigger in	Allows compatible equipment to switch the subwoofer on
8	Firmware update	For authorised service or firmware updates
9	Auto-sense	Enables automatic standby and wake-up
10	Phase	Selects 0° or 180° phase alignment
11	Mode	Selects Music or Movie tuning
12	Line level inputs / outputs	RCA connections for stereo, SUB or LFE use

POSITIONING YOUR SUBWOOFER

Low bass is strongly affected by the room. Small changes in the subwoofer's position can make a large difference.

Start by placing the subwoofer at the front of the room, close to the main left and right speakers. Leave around 20cm / 8 inches between the subwoofer and the wall.

Make sure the floor is solid and stable, and that there are no loose or rattling objects nearby. Loose objects may rattle during playback.

Moving the subwoofer closer to a wall will usually increase bass output. This may increase in-room bass output, but often at the expense of clarity.

Once connected, try a few positions before making a final decision. Listen for bass that is even, deep and easy to follow.

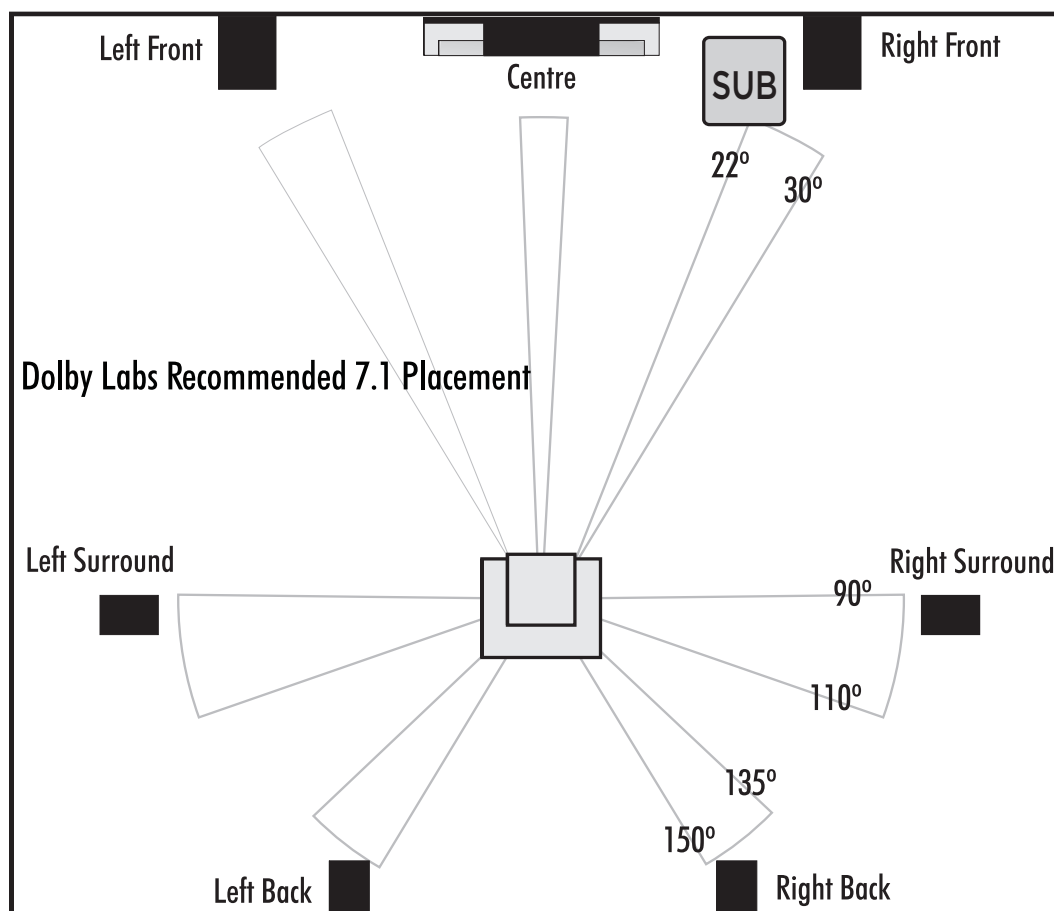
MULTI-CHANNEL ROOM PLACEMENT

For a 5.1 system, place the front, centre and surround speakers according to your AV receiver guidance. Place the NOVA subwoofer near the front of the room or in another position that gives smooth bass at the listening seat.

For a 7.1 system, follow the 5.1 layout and add left back and right back surround speakers.

For Dolby Atmos or systems with overhead channels, follow the setup guidance supplied with your AV receiver or processor.

There is no single perfect subwoofer position for every room. Use the AV receiver's room correction system if available, then fine-tune by ear.



CONNECTIONS

AV RECEIVER, PROCESSOR OR SUB OUTPUT

Use this connection for most home cinema systems.

We recommend using a screened RCA cable for this set-up.

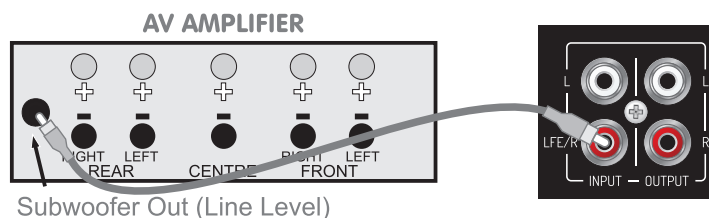
Connect the SUB OUT, SUBWOOFER OUT or LFE OUT socket on your AV receiver or processor to the NOVA line-level input - marked LFE/R INPUT.

Set the NOVA crossover control fully clockwise to the maximum / LFE position, where applicable.

Your AV receiver or processor should manage bass routing and filtering.

Set the subwoofer level in the AV receiver setup menu, then fine-tune using the NOVA volume control if needed.

Tip: If your AV receiver includes automatic room correction, run it after the subwoofer is connected and positioned.



STEREO LINE-LEVEL CONNECTION

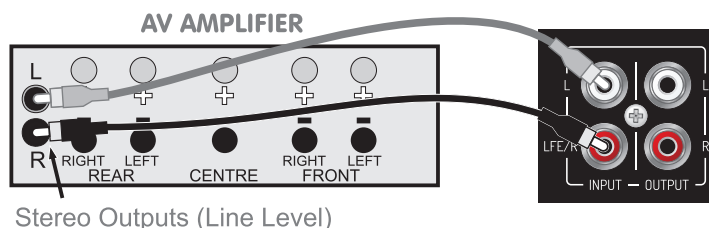
Use this connection if your stereo amplifier or preamplifier has a stereo pre-out, dedicated subwoofer output or variable line-level output.

We recommend using a screened RCA cable for this set-up.

Connect the left and right outputs from your amplifier or pre-amplifier to the left and right line-level inputs on the NOVA subwoofer.

Set the NOVA volume low before switching on.

Use the crossover control to blend the subwoofer with your main speakers.



TWO SUBWOOFERS

Two subwoofers can improve bass consistency across the room and may provide a more balanced listening experience.

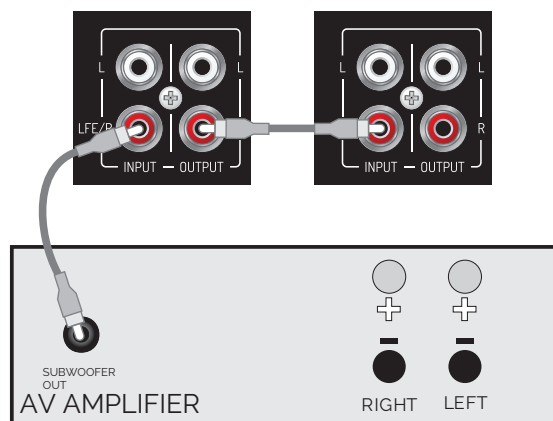
If your AV receiver, amplifier or preamplifier has two subwoofer outputs, connect an output to each of the NOVA subwoofers.

If your system has one subwoofer output, use the NOVA line-level output to 'daisy chain' the subwoofers - connect the subwoofer output of the AV receiver, amplifier or preamplifier to the first NOVA subwoofer input. Then use a screened RCA cable from the first subwoofer's output to the input of the second NOVA unit.

Place the two subwoofers symmetrically where possible, such as near the front left and front right speakers.

Set up each subwoofer separately first.

Once both are playing, reduce volume if the combined bass is too strong.



HIGH-LEVEL SPEAKER CONNECTION

Use this connection method if your amplifier, preamplifier or AV receiver does not have a dedicated subwoofer output.

We recommend using a good-quality speaker cable for this set-up.

Switch off the amplifier and subwoofer before connecting.

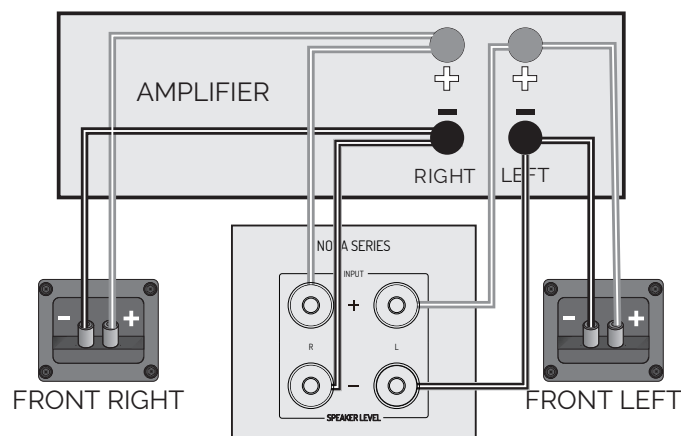
Reduce the amplifier volume to minimum.

Connect your amplifier speaker outputs to the NOVA speaker-level inputs, observing left, right, positive and negative connections.

Check that all speaker cables are secure and ensure that no bare wire strands can touch another terminal.

Switch on the amplifier and subwoofer only after all connections have been checked.

Important: If your amplifier is a Class-D, balanced, bridged or differential design, check the amplifier manual or contact your dealer before using a high-level connection.



12V TRIGGER

If your amplifier, AV receiver or processor has a compatible 12V trigger output, it can wake the NOVA subwoofer on automatically when prompted out of standby mode.

Connect the trigger output of your equipment to the NOVA 12V TRIGGER IN socket using a 3.5mm (1/8") mono jack trigger cable (not included).

When the connected equipment switches on, the NOVA subwoofer will wake from standby.

FIRMWARE UPDATE

The USB update port is provided for authorised service or firmware updates. If required, firmware updates will be available from Wharfedale.co.uk

Only connect firmware update equipment when instructed by Wharfedale or an authorised service partner. Follow all instructions included in the update package.

This port does not support any other function.

OPERATING YOUR SUBWOOFER

Connect the supplied power cord to the mains input.

Connect the mains plug to a suitable wall outlet.

Switch on your source equipment, amplifier or AV receiver.

Switch on the NOVA subwoofer.

The power indicator will show that the subwoofer is active or ready.

Always keep the main system volume low when switching equipment on or off.

BASIC TUNING

Use familiar music with a steady, natural bass. Bass guitar, kick drum, piano or a well-recorded film soundtrack all work well.

Start with the NOVA volume low.

Increase the volume gradually until the bass becomes audible.

Keep adjusting until the bass sounds like part of the main speakers.

If the subwoofer sounds separate, boomy or too obvious, reduce the volume slightly.

A well-set subwoofer should make the system sound larger and more complete. It should not sound like a separate box in the room.

PHASE

Phase helps the subwoofer work in time with your main speakers.

Start with phase set to 0°.

Play music with steady bass.

Listen from your normal seating position.

Switch to 180°.

Choose the setting that gives fuller, more natural bass at the listening position.

If both settings sound similar, use 0°.

CROSSOVER

The crossover control sets how high the subwoofer plays.

Use a higher crossover setting with small bookshelf speakers.

Use a lower crossover setting with larger floorstanding speakers.

If the crossover is too low, the system may sound thin or lack warmth.

If the crossover is too high, the upper bass may sound thick or heavy.

For AV receiver or processor systems using a SUB OUT or LFE OUT, set the crossover control to maximum / LFE where applicable. The AV receiver will manage bass filtering.

AUTO-SENSE

Auto-sense reduces power consumption when no signal is present.

When Auto-sense is ON, NOVA will wake when an audio signal is detected.

If no signal is detected for 20 minutes, the subwoofer will enter standby and the indicator will dim.

Set Auto-sense to OFF if you prefer the subwoofer to remain active while switched on.

MUSIC AND MOVIE MODES

NOVA includes two listening modes.

Music mode gives balanced, natural bass for stereo listening and everyday playback.

Movie mode adds extra low-frequency weight and impact for films, games and soundtracks.

Use the mode that sounds best with your system and room. There is no wrong choice.

CARE AND CLEANING

Switch off and unplug the subwoofer before cleaning.

Use a soft, dry microfibre cloth.

Do not use solvents, abrasive cleaners or spray polish.

Do not place drinks, plants or heavy objects on the cabinet.

If objects are placed near the subwoofer, check that they do not rattle during playback.

MAINS OPERATION

When the system will not be used for an extended period, switch off the subwoofer.

For everyday use, you may leave Auto-sense enabled so the subwoofer can enter standby automatically.

Always turn the system volume down before switching equipment on or off.

TROUBLESHOOTING

Before checking any issue, switch off the system at the mains.

Symptom	Possible cause	What to check
No sound	System not switched on	Check mains power, power switch and indicator
No sound	Wrong source selected	Check amplifier or AV receiver input
No sound	Cable disconnected	Check RCA, speaker-level and power connections
Weak bass	Subwoofer volume too low	Increase volume gradually
Weak bass	Phase setting not optimal	Try 0° and 180°
Weak bass	Crossover set too low	Increase crossover slightly
Bass sounds boomy	Subwoofer volume too high	Reduce subwoofer volume
Bass sounds boomy	Too close to corner	Move subwoofer away from corner
Distortion at low volume	Subwoofer level too high	Reduce NOVA volume and AV receiver sub level
Distortion at high volume	System level too high	Reduce main volume or bass controls
Rattling sounds	Objects nearby vibrating	Remove objects from or near the subwoofer
Popping or thumping	Switching noise or excessive level	Reduce level; switch system on/off in correct order
Poor localisation	Speaker wiring out of phase	Check main speaker polarity

If the issue continues, contact your Wharfedale dealer or authorised service centre.

WARRANTY COVERAGE

Your loudspeakers have been constructed to the highest standards. From top-grade furniture construction and finish to carefully designed and selected acoustic components, Wharfedale product is built to provide a lifetime of sonic pleasure. We hope you will derive many years of good service from our products.

Wharfedale warrants its products, subject to the following terms and conditions below, to be free from defects in materials and workmanship.

Online Registration



Scan the QR code using a smartphone device, for product warranty registration online.

The three (3) year extended warranty is applicable to items purchased from Jan 1st 2021, onwards. Items purchased prior to this date are not eligible for this extended warranty service but are subject to statutory warranty claims and all applicable consumer rights.

To qualify for the extended 3 year warranty, you must register your product within ninety (90) calendar days from the date of purchase. Visit Wharfedale.co.uk/warranty-registration to complete your online registration. Items not registered online will have a Limited Warranty for one (1) year, or for the period of your country's statutory warranty, whichever is longer.

Warranty can only be offered to products registered with proof of purchase with date, model and details of the authorised dealer clearly stated on the receipt/invoice. Please keep the original receipt/invoice in case it is required for a warranty claim.

This Limited Warranty is non-transferable and is offered exclusively to the original owner.

This Limited Warranty is valid only in the original country of purchase.

Repairs or replacements provided under this warranty are the exclusive remedy of the consumer. Wharfedale shall not be liable for any incidental or consequential damages for breach of any express or implied warranty with any product. Except to the extent prohibited by law, this warranty is exclusive and in lieu of all other warranties whatsoever, both expressed and implied, including but not limited to the warranty of merchantability and fitness for a particular purpose.

This warranty provides benefits that are additional to and do not affect your statutory consumer rights.

This Limited Warranty offer is subject to correct information being submitted in your application. Incorrect dates or mismatched purchase receipt dates that are outside of the warranty terms will immediately invalidate any warranty claim.

**Please check with your dealer or local distributor for further information.*

Exclusions

The following items are excluded from the Wharfedale warranty:

- Normal wear and tear and cosmetic damage (including but not limited to any wear from reasonable use, environmental deterioration or neglect)
- Products on which the serial number has been removed, altered or otherwise made illegible.
- Products not purchased from an authorised Wharfedale dealer.
- Products that were not new at the time of original purchase.
- Products sold 'as is', 'as seen' or 'with faults'.
- Products not purchased from an authorised dealer/distributor within the region of the claim (ie parallel imports or grey market products)
- Accidental damage or faults caused by commercial use, acts of God, incorrect installation, incorrect connection, incorrect packaging, misuse or careless operation or handling which is not in accordance with the user instructions.
- Equipment that has been operated in conjunction with unsuitable, inappropriate or faulty apparatus.
- Repairs, alterations or modifications carried out by parties other than Wharfedale or its authorised service partners.
- Damage in transit that cannot be attributable to the fault of Wharfedale, the authorised distributor or dealer (ie. claims otherwise covered by transit insurance.)
- Faults relating to abnormal or inappropriate power supply voltage or power surges.
- Faults relating to extremities in temperature, exposure to heat, water or other liquids, insects, excessive moisture, sand, chemicals, battery leakage or any other contaminants.
- Any force majeure events, including but not limited to any acts of God, fire, lightning, typhoon, storm, earthquake, hurricane, natural disaster, tsunami, flood, war, riot, public disturbance.
- Any other causes beyond the reasonable control of either Wharfedale or its authorised Distributor.

Please note items purchased before 1st Jan 2021 are not eligible for the extended warranty claim.

How to Claim

To obtain warranty service please contact the authorised dealer from which you purchased this product and present the limited warranty certificate offered upon registration of your product's extended warranty offer.

Do not dispatch goods without the prior agreement of the dealer, distributor or authorised service centre.

If asked to return products for inspection and/or repair, please pack carefully, preferably in the original carton or packaging affording an equal degree of protection and returned via insured, trackable courier service.

The authorised dealer or distributor will offer full return details and instructions. However, please note if unsuitable packaging is used the warranty may be deemed void due to improper action in return.

Wharfedale or the authorised distributor, dealer or service centre may make a charge for the supply of new packaging for the return of the repaired item. Please note, insurance is recommended as goods are returned at the owner's risk. Authorised distributors or service centres cannot be held liable for loss or damage in transit. Insurance and freight charges on the return journey will be paid for by Wharfedale, authorised dealer, distributor or service centre if corrective work proves to be necessary.

In the event of 'no-fault found' or 'no repair necessary', the return shipping charge will be the responsibility of the owner.

Repairs

All repairs will be carried out by the appointed distributor (or locally appointed service centre). Repairs handled or processed without authorisation or approval of the appointed representative will be excluded from this limited warranty. Please note, Wharfedale is not able to supply parts or replacement items to any other entity than the official distributor or authorised service centre.

Other than the warranty and services set out in this warranty, to the fullest extent permitted by law, Wharfedale shall not be liable to you and/or any third party or entity whatsoever for:

- Any loss, damages and/or malfunction caused to any product(s) which is/are connected to any of the products covered by this warranty.
- Any damages, loss and liability, whether direct, indirect, incidental, consequential, special, punitive or otherwise, howsoever caused by, arising out of or otherwise, in relation to the installation, delivery, use, service, repair, replacement and/or maintenance of the product.
- Any damages, loss and liability under this warranty in respect of any act, omission, or negligence of any of their technicians, employees, agents, representatives or independent contractors relating to the actual or purported performance of any of the obligations under this warranty.

Service Centre Address

For technical support, servicing or product queries and information please contact either your local retailer or the office below.

IAG Service Dept.,
13/14 Glebe Road,
Huntingdon,
Cambridgeshire,
PE29 7DL,
UK.

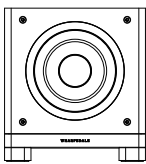
Tel: +44(0)1480 452561

Email: support@iaguk.co.uk

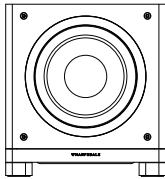
For information on other authorised service centres worldwide contact Wharfedale International, UK.

A worldwide distributors list is available on the Wharfedale website: www.wharfedale.co.uk

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
Amplifier Type	Class-D	Class-D
FTC Power Output Rating (The rated power output is measured in compliance with the FTC standard test conditions)	100W RMS	150W RMS
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

FTC STANDARD TEST CONDITIONS (§ 432.3 STANDARD TEST CONDITIONS.)

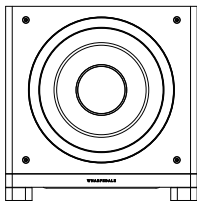
Any power level from 250 mW to the rated power shall be obtainable at all frequencies within the rated power band of 20 Hz to 20kHz without exceeding 1.0% of total harmonic distortion plus noise (THD+N) at an impedance of 8 ohms after input signals at said frequencies have been continuously applied at full rated power for not less than five (5) minutes at the amplifier's auxiliary input, or if not provided, at the phono input. Provided, however, that for amplifiers utilised as a component in a self-powered subwoofer in a self-powered subwoofer-satellite speaker system that employs two or more amplifiers dedicated to different portions of the audio frequency spectrum, any power level from 250mW to the rated power shall be obtainable at all frequencies within the subwoofer amplifier's intended operating bandwidth without exceeding 1.0% of total harmonic distortion plus noise (THD+N) at an impedance of 8 ohms after input signals at said frequencies have been continuously applied at full rated power for not less than five (5) minutes at the amplifier's auxiliary input, or if not provided, at the phono input.

Note:

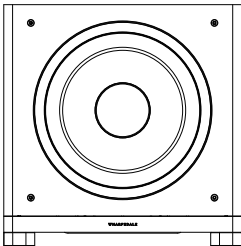
Peak Power indicates the maximum short-term output the amplifier can deliver during demanding musical passages or cinematic effects. Higher peak power provides the headroom needed to reproduce sudden low-frequency transients with greater impact and control.

Nominal Power indicates the amplifier's continuous power output during normal operation. Higher nominal power allows the subwoofer to deliver sustained low-frequency performance with greater authority, maintaining clarity and composure even at higher listening levels.

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
Amplifier Type	Class-D	Class-D
FTC Power Output Rating (The rated power output is measured in compliance with the FTC standard test conditions)	170W RMS	170W RMS
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

FTC STANDARD TEST CONDITIONS (§ 432.3 STANDARD TEST CONDITIONS.)

Any power level from 250 mW to the rated power shall be obtainable at all frequencies within the rated power band of 20 Hz to 20kHz without exceeding 1.0% of total harmonic distortion plus noise (THD+N) at an impedance of 8 ohms after input signals at said frequencies have been continuously applied at full rated power for not less than five (5) minutes at the amplifier's auxiliary input, or if not provided, at the phono input. Provided, however, that for amplifiers utilised as a component in a self-powered subwoofer in a self-powered subwoofer-satellite speaker system that employs two or more amplifiers dedicated to different portions of the audio frequency spectrum, any power level from 250mW to the rated power shall be obtainable at all frequencies within the subwoofer amplifier's intended operating bandwidth without exceeding 1.0% of total harmonic distortion plus noise (THD+N) at an impedance of 8 ohms after input signals at said frequencies have been continuously applied at full rated power for not less than five (5) minutes at the amplifier's auxiliary input, or if not provided, at the phono input.

Note:

Peak Power indicates the maximum short-term output the amplifier can deliver during demanding musical passages or cinematic effects. Higher peak power provides the headroom needed to reproduce sudden low-frequency transients with greater impact and control.

Nominal Power indicates the amplifier's continuous power output during normal operation. Higher nominal power allows the subwoofer to deliver sustained low-frequency performance with greater authority, maintaining clarity and composure even at higher listening levels.

For USA & Canada Regions



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