

Sonus faber

OLYMPICA NOVA

OWNER'S MANUAL

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1 GENERAL INFORMATION

1.1 INFORMATIONS FOR USERS

Dear Customer,

We would like to thank and congratulate you for having chosen the Olympica Nova range loudspeakers for listening to your favourite Music.

While these exceptional loudspeakers are designed to immediately meet your highest expectations, our aim is to ensure that you obtain the best possible listening experience, and it is therefore recommended to read this user and maintenance instruction manual carefully prior to installation.

Should you have any doubts or enquiries, please contact your sales point's technical staff, the official Sonus faber distributor in your country, or Sonus faber directly by writing to customerservice@sonusfaber.com.

Finally, we highly suggest registering on-line with the website www.sonusfaber.com in order to keep up to date on all the latest news, initiatives and promotions offered by Sonus faber.

Enjoy your music!

1.2 WARRANTY AND AFTER SALES SUPPORT

The Olympica Nova range loudspeakers are designed and manufactured according to the highest quality standards. Should, however, a fault or a malfunction occur, the loudspeakers are covered by warranty, in compliance with the legislation in force in the country where the loudspeakers were purchased. In such cases, please contact the Sonus faber dealer from whom you purchased your loudspeakers, or the official Sonus faber distributor for your country; the contact information for all the distributors can be found on our website:

- <https://www.sonusfaber.com/distributori-store/>
- <https://www.sonusfaber.com/en/distributors-stores/>

The following should also be kept in mind for your convenience:

- The warranty on the loudspeakers covers any manufacturing defects;
- Keep the receipt as proof of purchase to show to the dealer if necessary;
- Keep the original packaging of the loudspeakers so that they can be transported without undergoing damage, if they need to be shipped to an authorised service centre;
- The loudspeakers must be accompanied by a description of the malfunction or defect encountered.

The product warranty will be void under the following conditions:

- If the loudspeaker has been disassembled or modified by persons other than a Sonus faber authorised service centre;
- If the loudspeaker has been used in a manner that is not consistent with the indications contained within this manual.

2 SAFETY INFORMATION

Read this instruction manual and keep it in an accessible location for any needs that may arise.

- Adjust the support feet, if present, in such a way as to obtain the best possible stability.
- Avoid placing heavy objects upon the loudspeaker, as these can compromise its stability.
- If the loudspeakers are to be positioned upon a raised support surface (e.g. mezzanines, wooden boosters, etc.) or on the wall, check beforehand to make sure that the surface is capable of bearing their weight. Also make sure that there is sufficient friction to prevent the loudspeakers from moving due to the vibrations generated under normal operating conditions.
- Do not place any objects containing flammable liquids, substances, or liquefiable substances upon the loudspeaker.
- Use one of the connection diagrams contained in this instruction manual. The connection of two or more loudspeakers in parallel can damage your amplifier.
If in doubt, contact your dealer.
- Avoid staying in close proximity to the loudspeakers while the audio system is operating at high volume. This can cause permanent damage to your hearing.
Keep children at a safe distance of at least 50 cm from the speaker.
- The speakers generate an electromagnetic field that is harmless to humans and pets, but can compromise the proper functionality of electronic equipment, such as CRT monitors or TVs, when placed in close proximity. If this occurs, increase the equipment's distance from the loudspeakers. Do not place credit cards or other similar magnetic cards on the loudspeaker to prevent them from being demagnetised.
- The technology underlying the speakers' functionality is based on the principles of electromagnetism, and the user should therefore avoid operating equipment that generates strong electromagnetic fields, as these could affect the loudspeaker's functionality. Avoid placing transmitting devices such as mobile phones, cordless phones, intercom systems, etc. upon the loudspeakers' cabinet.
- Do not connect the loudspeakers directly to a constant voltage sound distribution system (100 V, 70.7 V or similar). This could result in a serious system overload, with possible damage to the loudspeaker system and/or the amplifier unit.
- Do not place audio cables and electrical power cables in close proximity of each another. An electromagnetic field is present in the vicinity of the power cables, which can cause an unpleasant humming noise. In this case, increase the distance between the audio cables and the power cables.

3 INSTALLATION




3.1 UNPACKING

Perform the unpacking operations as follows. Refer to the images in Chapter 6.

Follow the general instructions. Refer to Fig. 1a, 1b, 1c:

- Use a paper cutter to open the packaging. Do not insert the blade too deep to avoid damaging the contents.
- Keep all the packaging elements for any future transport operations.
- Do not wear any watches, bracelets, rings, etc., in order to avoid scratching the loudspeakers and their finishes.

The same care must be taken in order to protect the loudspeakers from any metal elements present on the clothes you are wearing, such as zips, buttons, buckles, rivets, etc

	Hold the loudspeakers securely with both hands in order to avoid dropping them. The indicated operations can be performed more safely and conveniently by two people.
	The packaging materials can cause pollution. These materials must not be disposed of as domestic waste, and must be brought to a waste collection and recycling centre.
	Do not leave the packaging materials within the reach of children! They could pose a risk of poisoning or suffocation if ingested.

3.1.1 CONTENT OF THE PACKAGING

In addition to the loudspeakers, the packaging also contains:

Olympica Nova V	Olympica Nova III	Olympica Nova II
8 Tips	8 Tips	8 Tips
8 Undertips	8 Undertips	8 Undertips
8 Tip locks	8 Tip locks	8 Tip locks
2 Grilles	2 Grilles	2 Grilles
2 Fabric dust guards	2 Fabric dust guards	2 Fabric dust guards
4 Jumpers	4 Jumpers	4 Jumpers
1 Manual	1 Manual	1 Manual
1 Photo book	1 Photo book	1 Photo book

Olympica Nova I
2 Grilles
2 Fabric dust guards
4 Jumpers
1 Manual
1 Photo book

Olympica Nova Center I	Olympica Nova Center II	Olympica Nova Wall
1 Grilles	1 Grilles	1 Grilles
1 Fabric dust guards	1 Fabric dust guards	1 Fabric dust guards
2 Jumpers	2 Jumpers	1 Locking clamp
1 Allen wrench	1 Allen wrench	4 Phillips screws + plugs
1 Manual	1 Manual	2 Locking nuts
1 Photo book	1 Photo book	1 Nylon Washer
		1 Manual
		1 Photo book

The packaging dedicated to the Stand (2 sets) contains:

Olympica Nova I Stand	Olympica Nova Center I/II Stand
8 Tips	4 Tips
8 Undertips	4 Undertips
8 Tiplocks	4 Tiplocks
4 Locking screws	2 Locking screws
1 Manual	1 Manual

If one or more of these items is missing, notify the dealer where the product was purchased.

3.2 ASSEMBLY

Follow the instructions relative to the model in your possession, making reference to the images in chapter 6.

3.2.1 OLYMPICA NOVA V, III, II

The aluminium support base of the Olympica Nova V, III and II is an integral part of the cabinet. Perform assembly of the parts as follows. Refer to Fig. 2

1. Turn the loudspeaker upside down, with its upper protection shell included
2. Screw the tips
3. Fix the tips with a tiplock

3.2.2 OLYMPICA NOVA I

These loudspeakers are optimised for operation with the dedicated stand, available as an optional (recommended).

Assemble the supports and the loudspeakers on the former as described below. Refer to Fig. 3.

1. Turn the support upside down and screw the tips
2. Fix the tips with a tiplock
3. Put the support back into position
4. Position the loudspeaker on the upper base of the support. The holes of the upper base must match those of the loudspeaker.
5. Manually tighten the locking screws of the loudspeaker to the base.

3.2.3 OLYMPICA NOVA CENTER I, CENTER II

These loudspeakers have been designed to adapt to different listening requirements and environmental features. The support base allows inclination to be adjusted via the relevant screws.

The loudspeaker already has the support base mounted. Proceed as follows to adjust the position. Refer to Fig. 4A.

1. Loosen the screws with the Allen wrench supplied.
2. Position the loudspeaker as desired.
3. Tighten the screws.



Do not use an electric screwdriver.
Do not tighten the screws excessively.

These loudspeakers can be used on shelves or bookcases. They are also suitable for assembly on the dedicated support, available as an optional.

Assemble the support and the loudspeakers on the former as described below. Refer to Fig. 4B and 4C.

1. Turn the support upside down and screw the tips
2. Fix the tips with a tiplock
3. Put the support back into position
4. Position the loudspeaker on the upper base of the support. The holes of the upper base must match those of the loudspeaker.
5. Manually tighten the two locking screws of the support to the loudspeaker.

3.2.4 OLYMPICA NOVA WALL

This loudspeaker is intended for wall assembly. Perform the fixing operations as follows. Refer to Fig. 5.

1. Using the bracket supplied as a drilling template, use a pencil to mark the points to be drilled on the wall.
2. Drill the holes and insert the four plugs supplied.
3. Assemble the bracket on the wall, using the four Phillips screws supplied.
4. Assemble the loudspeaker on the bracket. Refer to Fig. 5C and 5D
5. Insert the nylon washer into the bracket lower pin. Refer to Fig. 5E.
6. Tighten the two locking nuts onto the lower and upper pins. Do not tighten completely.
7. Position the loudspeaker and then tighten the locking nuts fully home.

3.2.5 GRILLE

For assembly, refer to Fig. 6.

If the grille is to be removed, slide the bar pins out starting from the top and then proceed downwards.

3.3 POSITIONING THE SPEAKERS

The Olympica Nova loudspeakers were designed to be easily driven in terms of sound amplification and easy to integrate into any room.

Models I and II are more suitable for small-medium sized environments. For larger spaces, the V and III are excellent.

To install a multi-channel or Home Theater system, it is possible to combine Center I, Center II (front central channel) and Wall (lateral channels and surround) loudspeakers.

The most significant peculiarity of the Olympica Nova range regarding positioning in the environment, is the "Stealth Ultraflex" side reflex channel combined with the possibility of using each speaker freely on the right or left. This means the owner can choose to position the speakers with the reflex channel outlet facing the pair internally or externally, according to the acoustic conditions of the room used or personal taste. Refer to Fig. 7.

3.3.1 AUDIO STEREO SYSTEMS

The conformation of the listening environment and the loudspeakers' positioning can affect the entire audio system's performance.

For example, a room with irregular shape can improve the response within the listening environment, since they limit the formation of standing waves, while a room with a parallelepiped shape is potentially more suitable to generate balanced sound images.

The presence of carpets and curtains positively affect the acoustics of the environment, contributing to the absorption of the first reflections and the lowering of reverberation.

There are no hard and fast rules on speaker set-up which are valid for every environment. Nevertheless, a good approach is to start by dividing the listening environment's floor plan, assuming a rectangular shape, into three areas with equal surface, as indicated by the continuous lines in Figure 8.1.

The loudspeakers must be positioned on the first of the lines identified (A), at a distance from each other of no less than 1.8 metres. They must be suitably distanced from the side walls, while the listening point will be at the centre of the second line (B). This will all form an equilateral triangle listening configuration.

In this way, undesired acoustic effects, deriving from intense first reflections and environmental resonance, which would be generated with loudspeakers positioned in proximity of the walls and corners of the room, are minimised.

Figure 8.1 also shows the angling of the speakers must be such to make the emissions converge towards the head of the person listening. This measure allows the best focusing of the reconstructed sound image to be obtained. The depth of the same depends on the distance between the loudspeakers and the rear wall.

The best listening point is envisioned at a height of approximately 1.1 metres off the ground.

At this point, it will be the pleasure of listening that will help to find the best balance between accuracy of the focus and soundness of the backstage, varying the listening distance (always remembering to maintain an equal distance between the loudspeakers) and/or identically consistently modifying the angling of the loudspeakers.

Given that the illustrated procedure, which is aimed at creating almost perfect listening conditions, cannot be applied by all of our customers due to objective problems linked to the organisation of the living environment, it is recommended to position the two loudspeakers away from the corners of the room, and at a distance of at least 1 m from the back walls.

If the loudspeakers are to be positioned on a shelf, distancing is at least one and a half metres and surfaces at equal height is recommended.

3.3.2 AUDIO AND AUDIO-VIDEO MULTICHANNEL SYSTEMS (HOME THEATER)

In addition to conventional audio stereo systems, the Olympica Nova loudspeakers can also be used in multichannel audio and audio-video systems (Home Theater). In both cases, the rules for positioning are those indicated in Fig. 8.2, also including those for use of one or more subwoofer.

Lateral channels (LSi, RSi) and rear channels (LS and RS) can be replaced by in-wall or in-ceiling loudspeakers, if desired.

The diagram indicates the positions recommended for 2 subwoofers (unit B = additional).

1. Recommended for clear reproduction of the bass sounds
2. Extreme configuration for maximum acoustic output
3. Recommended for clear reproduction of the bass sounds (additional subwoofer)
4. Extreme configuration for maximum acoustic output (additional subwoofer)

NOTE If two subwoofer units are used, it is greatly recommended to install one on the left and one on the right of the listening area. Do not position the subwoofers symmetrically to each other with respect to the main listening point.

3.4 CONNECTIONS

Refer to the images in Chapter 6.

After the loudspeakers have been positioned, they can be connected.

The connection terminals present on the rear of the Olympica Nova range loudspeakers accept cables with spade terminals, stripped cable, or banana plugs.

The loudspeaker terminals (excluding the Wall model) are equipped with jumpers, which allow the most usual layout to be followed (par. 3.4.1). Said jumpers must be removed for other layouts.

The Wall model has just a single pair of terminals. Refer to Fig. 12.

The proper tightening and periodic inspection of the terminals can help to improve performance.



The connections must be made with the equipment turned off!

3.4.1 STANDARD CONNECTION

Use a single stereo amplifier or two mono amplifiers and a pair of power cables. Complete the connections as indicated in Fig. 9.

3.4.2 BI-WIRING

Use a single stereo amplifier or two identical mono amplifiers and two pairs of power cables. Complete the connections as indicated in Fig. 10.



The jumper between the terminals must be removed.

3.4.3 BI-AMPING

Use two identical stereo amplifiers (or with identical gain) or four identical mono amplifiers (or with identical gain and sensitivity) and two pairs of power cables.

Complete the connections as indicated in Fig. 11.



The jumper between the terminals must be removed.

4 MAINTENANCE AND CLEANING

The loudspeakers in the Olympica Nova range do not require any particular maintenance operations, just general periodic cleaning. In order to preserve the loudspeakers' finish, cover them with the fabric protection supplied, especially if the loudspeakers are not expected to be used for an extended period of time.



Risk of damage to the loudspeaker's cabinet!
Do not use cleaning products, furniture wax, liquid detergents, or alcohol. Do not use rough cloths.

Do not use products like waxes or detergents to clean the wood parts, as these could stain or damage the wood or the loudspeakers themselves. Use a soft cloth (e.g. microfibre, like that supplied), and moisten it slightly with the liquid supplied, if necessary.

Wood is a natural living material that can be affected by the environmental conditions. We recommend keeping the loudspeakers away from heat sources or windows not protected by curtains, above all during the summer months. Do not expose the loudspeaker to direct sunlight.

In order to clean the metal and glass surfaces of the Olympica Nova loudspeakers, use the liquid and cloth supplied.

Use a soft brush to eliminate any dust that may have accumulated on the cabinet, the front panels, and the loudspeakers themselves, taking care not to damage the loudspeakers' delicate membranes.

These measures will help you to keep the loudspeakers' working perfectly for years to come. Time will help improve the sound by breaking in the speakers' moving parts (membranes and suspensions), and the acoustic chamber will become accustomed to music being played the more it is used - much like what happens with acoustic string instruments!