

Sonus faber[®]
ARTISAN OF SOUND

ARENA
CUSTOM INSTALLATION SPEAKERS

OWNER'S MANUAL

ENGLISH

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1. GENERAL INFORMATION

1.1 - INFORMATION FOR THE USER

Dear Customer,

We would like to thank and congratulate you on choosing Arena loudspeakers for your audio/audio-video system.

Since we want you to obtain the best possible listening result in full safety, please read this instruction manual carefully before 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 loudspeakers are designed and manufactured according to the highest quality standards. Should however a fault or a malfunction occur, all Sonus faber products are covered by a standard warranty that covers material, technical and manufacturing defects and/or inconsistencies for two (2) years from the date of purchase by the original owner.

Please be aware that you can extend the warranty period by registering your product on <https://www.sonusfaber.com/en/register-product/>.

Check the complete Warranty Policy at www.sonusfaber.com/warranty-policy.

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 retailer if necessary;
- Keep the loudspeakers' original packaging so that they can be transported without suffering damage if they need to be shipped to an authorized service center;
- 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 product has been disassembled or modified by persons other than a Sonus faber authorized service center;
- If the product has been used in a manner that is not consistent with the indications contained within this manual.

2. SAFETY INFORMATION

- This instruction manual must be read carefully and kept in an accessible location for any needs that may arise.
- Make sure that in-wall/in-ceiling fixing is suitably stable.
- Previously check that the capacity of the mounting surface is sufficient to support the weight of the loudspeaker/s.
- 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. Children must be kept at a safety distance of least 50 cm from the loudspeaker.
- 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.
- 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 proper functionality.
- Do not connect the loudspeakers parallel to each other or directly to a constant voltage sound distribution system (100 V, 70.7 V or similar) without an adapter transformer. This could result in a serious system overload, with possible damage to the loudspeaker and/or the amplifier.
- Do not place audio cables and electrical power cables in close proximity to one another. An electromagnetic field is present in the vicinity of the power cables, which can cause an unpleasant humming noise. If this should occur, move the audio cables and electrical power cables away from each other.
- The connections must be made with the equipment turned off. Pay attention to the polarities of the terminals during connection.
- Connect the loudspeaker to a PS1 certified source pursuant to the IEC 62368-1 Standard.

3. INSTALLATION

3.1 - PACKAGING CONTENTS

- Speaker
- Frame
- Template for the hole
- Protective cover
- Accessories box: fabric grids, screws, screw covers.

3.2 - UNPACKING

Respect the following general indications:

- It is advisable to open the packaging as close to the final location as possible.
- Use a proper tool 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 zippers, buttons, belt clasps, rivets, etc.
- Check the content of the packaging. If one or more of the items is missing, notify the dealer where the product was purchased.
- Do not touch the drivers during the operation.

For the safe handling of the loudspeakers, it is strongly recommended to follow the instructions given in the table below:

Up to 44 lb	A person
From 44 lb to 88 lb	At least 2 people
From 88 lb to 132 lb	At least 3 people
From 132 lb to 176 lb	At least 4 people

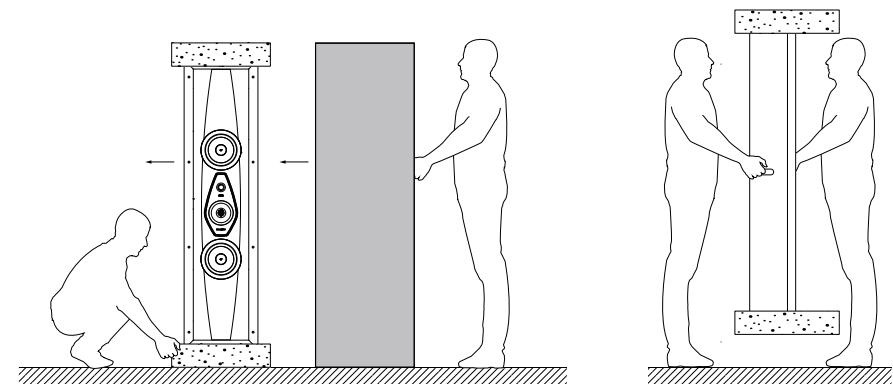
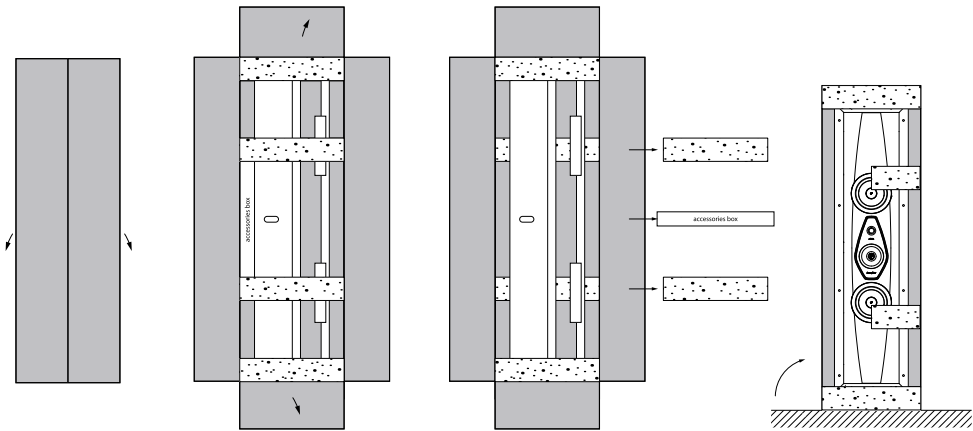


Hold the loudspeaker securely with both hands in order to avoid dropping it.

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 center.

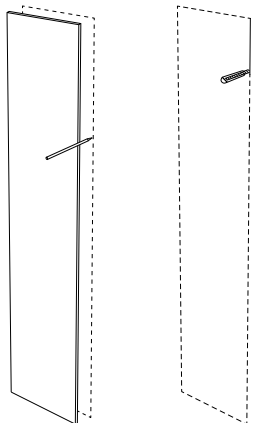
Do not leave the packaging materials within the reach of children! They could pose a risk of poisoning or suffocation if ingested.

If using a dedicated stand, do not use it with any speaker system other than the one for which it was designed. Improper use of the stand can result in damage or injury.



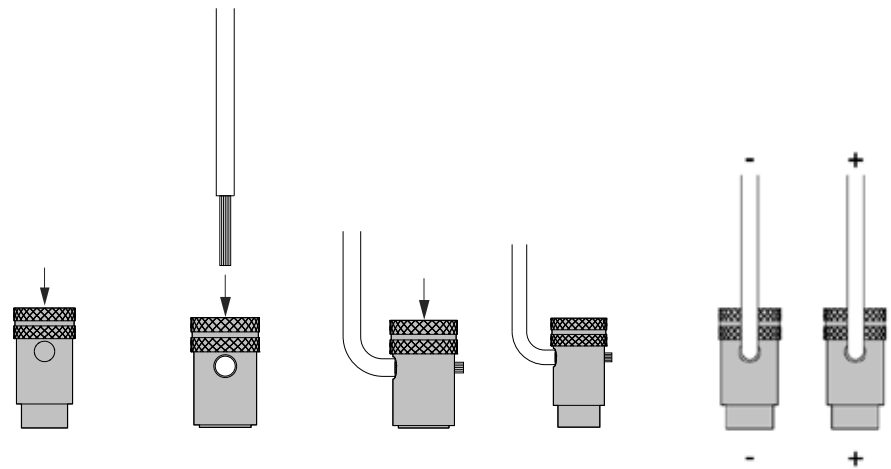
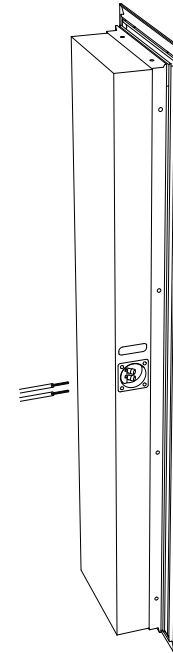
3.3 - ASSEMBLY

3.3.1 - MARK THE AREA TO BE CUT ON THE WALL USING THE TEMPLATE SUPPLIED



Previously, make sure that the cutting area is between the two uprights!
For correct operation of the fixing system, maintain a distance of at least 4 cm between the lateral edge of the hole and the nearest upright.

3.3.2 - CONNECT THE AUDIO CABLES TO THE SPEAKER

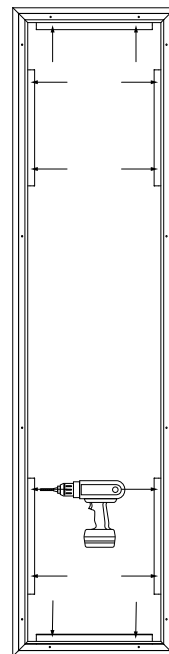



Pay attention to the polarities of the terminals during connection. The connections must be made with the equipment turned off!

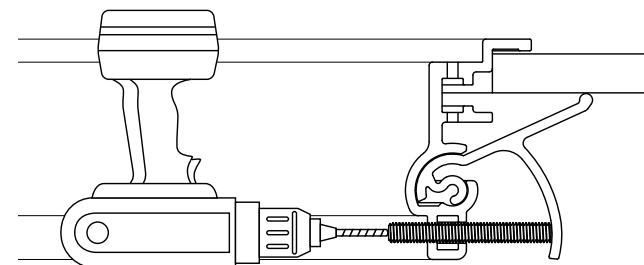
3.3.3 - INSERT THE FRAME IN THE DRILLED HOLE



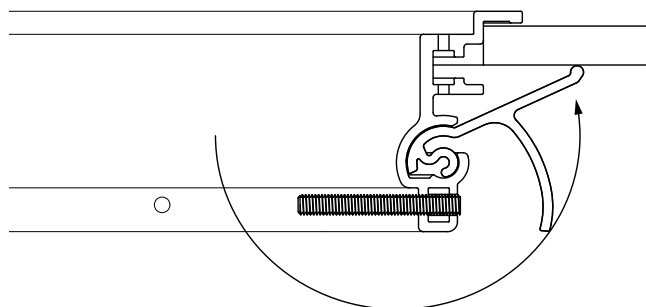
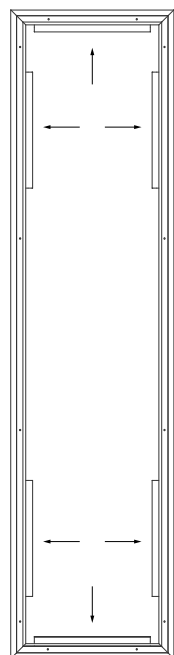
3.3.5 - SCREW THE FRAME




 Tighten the locking screws fully home without force, to prevent damage to the locking system!

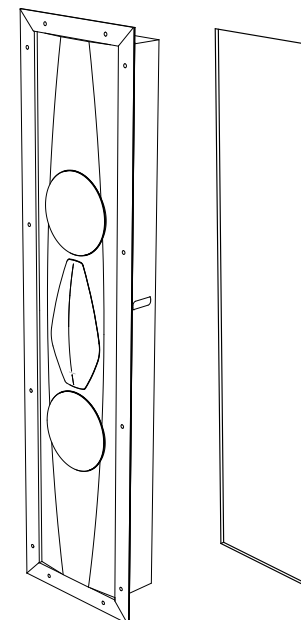


3.3.4 - PUSH THE METALLIC FINS INTO CONTACT WITH THE INTERNAL WALL

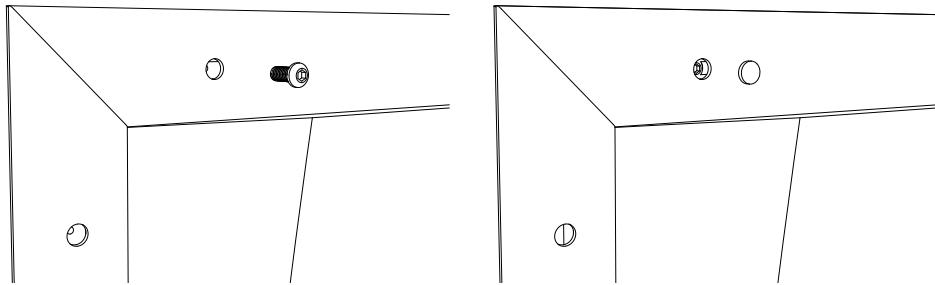


 Remove the rubber bands

3.3.6 - INSERT THE LOUDSPEAKER IN THE FRAME

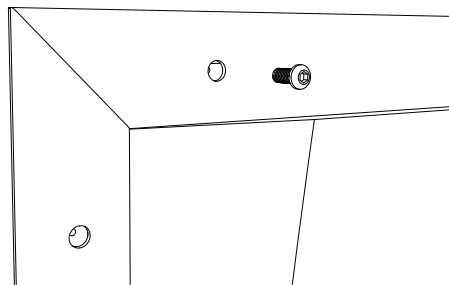


3.3.7 - SCREW THE LOUDSPEAKER TO THE FRAME
CLOSE WITH THE SCREW COVERS

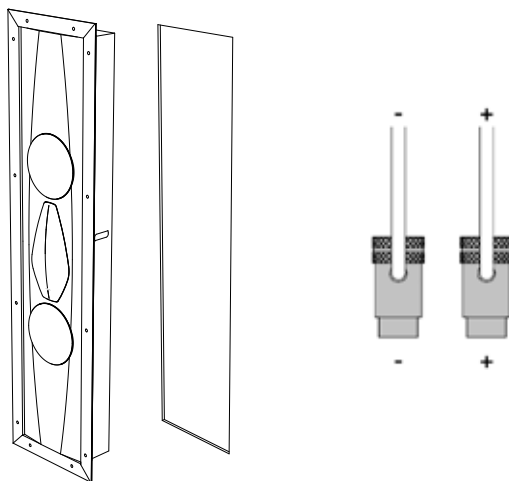


3.4 - REMOVE THE LOUDSPEAKER

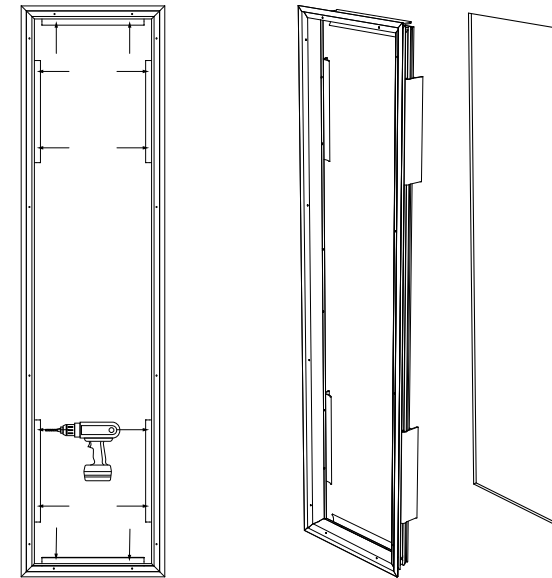
3.4.1 - UNSCREW THE LOUDSPEAKER FROM THE FRAME



3.4.2 - DISCONNECT THE AUDIO CABLES FROM THE LOUDSPEAKER



3.4.3 - UNSCREW THE FRAME AND ALIGN THE METAL FINNS
REMOVE THE FRAME FROM THE WALL



Perform the operation with the appliances off!

4. MAINTENANCE AND CLEANING

The loudspeakers do not require any particular maintenance operations, just general periodic cleaning.

It is recommended to 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.

It is recommended to use the supplied cloth and liquid to clean the metal and glass surfaces (where present). Do not use aggressive strong chemical products such as acetone, trichloroethylene, acids, abrasive agents, strong de-greasers, alcohol, lemon or wine. These measures will help you to keep your 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!

5. TECHNICAL SPECIFICATIONS

	ARENA 30	ARENA 20	ARENA S15
Speaker type	4 way	3,5 way	Array Balanced Sub-Woofer
Low frequency transducer	2 x 8 in	2 x 8 in	2 x 8 in
Mid/High frequency transducer	2 x 6,25 in - 38 mm Dome Tw + 19 mm Super Tw	6,25 in - 25 mm Dome Tw	-
Maximum recommended power	600 watts (Printing)	400 watts (Printing)	400 watts (Printing)
Low-frequency cut-off (-6dB)	44,30 Hz	55 Hz	29 Hz
Low-frequency cut-off (-3dB)	-	-	31,50 Hz
Frequency response (-6dB on-axis)	-	-	29 Hz 180 Hz
Frequency Response (-3dB on-axis)	55,50 Hz	60 Hz	31,50 Hz 180 Hz
Max SPL 1 Meter	115 dB	112 dB	-
Sensitivity 2.83 Vrms@1m	94,00 dB	92,00 dB	90,00 dB
Nominal Impedance	4 Ω	4 Ω	4 Ω
Minimal impedance	2,8 Ω	2,8 Ω	3,5 Ω
Crossover frequencies	200 Hz / 2k Hz / 10k Hz	160 Hz / 220 Hz / 3100 Hz	-
Enclosure type	Closed Box	Closed Box	Patentable Acoustical Load
Mounting Depth	162 mm - 6,3 in	144 mm - 5,6 in	202 mm - 7,9 in
Weight	58,7 kg - 129,4 lb	47,2 kg - 104 lb	38,7 kg - 85,3 lb
Depth	167 mm - 6,5 in	150 mm - 5,9 in	208 mm - 8,1 in
Width	321 mm - 12,6 in	321 mm - 12,6 in	432 mm - 17 in
Height	1.774 mm - 69,8 in	1.577 mm - 62 in	947 mm - 37,2 in

* see instruction's manual for more information.

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