



WELCOME TO
ARCHITETTURA SONORA

GENERAL MANUAL

QUALITY CONTROL

All AS Products undergo rigorous quality controls concerning both the aesthetic surface appearance and acoustic function tests before delivery to the customer. AS certifies that the products, at the time of delivery, are fully consistent with their quality and aesthetic standards. For all the Products, it is possible to request that the supplier store the above information for a reasonable amount of time. For stone and suspended products, AS takes pictures of any Product before packaging and shipping to visually confirm the aforementioned quality.

Referring to the Serial Number (applied on the Product), it is possible to ask AS to consult the following acoustic data, such as:

Frequency response (SPL). Impedance Curve.



Example of an identification label for the product applied on each products and related manuals

PACKAGING

All AS products are delivered in special packaging, specifically designed for each model.

Given the special composition of all AS Products, it is recommended to move them on Euro Pallets to avoid any damage.

Failure to follow these recommendations frees AS from any liability for mechanical damages occurred during transportation.

For any complaints it is necessary to supply images of the damaged parts of the packaging area in correspondence to the defect detected in the Product.

CERTIFICATIONS

All AS Products, before being placed on the market, are approved by the manufacturer as a result of various function tests, both indoor and, chiefly, outdoors.

Outdoor environments are where the Product is particularly subject to the largest and most critical mechanical and operating stresses.

It is necessary for the Customer to comply with the usage guidelines listed above. Specific certifications carried out by external laboratories are available for all AS Products.

The tests on use of AS Products in outdoor environments, for which they have obtained the certificate of compliance, are:

- ETSI 300019-2-3_T3-4 (Tests on vibrations and shocks)
- EN 60068-2-1 (Cooling test)
- EN 60068-2-2 (Dry heat test)
- EN 60068-2-30 (Damp heat test)
- EN 60065 (Mechanical strength test)
- EN 60068-2-2 (Static load test)
- EN 60529 – IP code:

IP3X: Sphere360

IPX4: Cylinder

IPX2: Sphere360

- UNI EN ISO 4628-2:2007 dated 01/11/2007 “Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance -

Part 2: Assessment of degree of blistering”.

- UNI EN ISO 4628-3:2007 dated 01/11/2007 “Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance -

Part 3: Assessment of degree of rusting”.

- UNI EN ISO 4628-5:2007 dated 01/11/2007 “Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance -

Part 5: Assessment of degree of flaking”.

WARNING !

- Please avoid lifting AS Speakers above your head and reduce manual handling and awkward postures. Bend legs at the knees and keep the weight close to your centre of gravity when lifting.
- AS Speakers have sharp edges - use caution when handling manually and be mindful of their positioning in domestic environments
- The warranty does not cover:
 - The costs of assembly and disassembly.
 - Malfunctions that, according to Architettura Sonora, are due to incorrect installation, handling, negligence, or accidents.
 - Malfunctions resulting from tampering or repairs carried out by persons not authorized by Architettura Sonora.

To return a defective part, contact your installer/distributor.

CIVIL LIABILITY

AS speakers are designed for floor, ceiling and wall installations. Each model comes with a technical manual with technical specifics and guidelines.

Architettura Sonora is not responsible for damages caused by:

- Improper use
- Normal wear and tear of components
- Non-compliance with the instructions in each manual regarding safety, use, operation, and incorrect installation practices
- The use of parts not supplied by Architettura Sonora.

AS PRODUCTS MAINTENANCE

AS excellence is designed to permeate every detail of the experience, from the aesthetics and sound to the emotional impact. All products are crafted from high-quality materials and workmanship, with meticulous attention to detail. Notably, our sound modules are predominantly handmade, making each one unique in appearance.

Owning an AS sound module means having a timeless, ageless product that will endure. It is essential to care for your AS speakers properly.

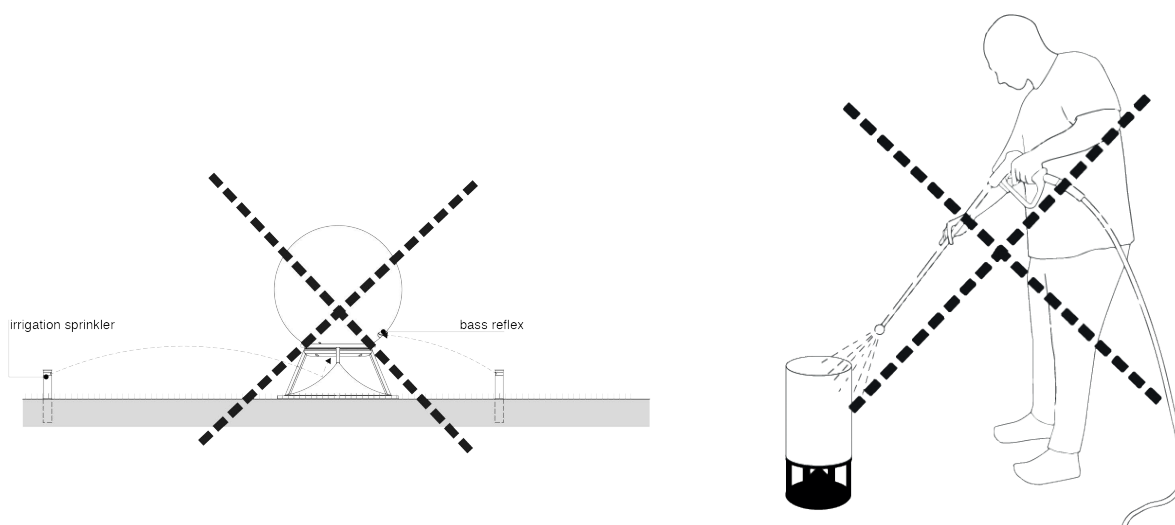
To maintain the beauty of your speakers, we recommend performing maintenance at least once a year; in harsh environments (such as marine or pool areas), treatment every two months is advisable. When not in use, AS Speakers should be covered or stored properly; AS offers heavy-duty PVC covers for protection during prolonged non-use periods.

Please note: failing to comply with our care and cleaning recommendations, or any evidence of misuse or damage from ordinary wear and tear, will invalidate any warranty claims.

INSTALLATION PRECAUTIONS AND POSITIONING

Installation and positioning should be conducted by or under the guidance of specialized personnel. Ignoring this advice may lead to malfunction or damage, for which AS cannot be held responsible. It's crucial to follow our recommendations for all mentioned component types.

When installing AS loudspeakers outdoors, especially when close to irrigation systems, ensure that water does not directly hit the speaker from below, through the bass reflex hole, or by bouncing off the deflector. Exercise caution with high-pressure hydro washers; their force can damage the speaker's finish. Never aim the washer directly at the loudspeaker.



MAINTENANCE AND CARE

Architettura Sonora products consist of three main types of components:

Materic parts: These form the outer body of the product and include materials such as marble, stone, terracotta and concrete.

Metal parts: These support the product, including ground-standing bases or mechanical hangings.

Electro-acoustic parts: These include transducer, crossover, and wiring.

Each component type demands specific attention and maintenance throughout the product's installation and regular use.

MATERIC PARTS

Each material's nature and composition necessitate specific care during the product's usage phases.

Installation: Care must be taken to avoid damaging or applying mechanical stress that could weaken the material's integrity.

Positioning: AS products are often placed outdoors, where they are subjected to varying climatic conditions. Materials like terracotta, marble, stone, and concrete generally withstand extreme temperatures, weathering, and chemicals like chlorine and saline mist well. However, travertine may show porosity, which in cold climates can lead to damage from ice formation. Treatments like "slush grouting" can mitigate these issues.

Maintenance: Regular, material-specific treatments are essential. Inert materials require maintenance mainly for aesthetic reasons, while wood needs it for durability.

AS provides PVC protective covers and maintenance kits tailored to each material type.

STONE COMPONENTS

Two products are recommended for cleaning and maintenance of stone products:

- Alkaline solvent-based degreaser
- Protective stain-proof impregnating reviver for marbles and stones

Pour the product directly on the surface and wipe with a sponge. Rinse the surface with water and the sponge so as to make it ready again for use. Wait for the washed surface to dry.

Pour a little bit of marble specific product directly on the surface to be treated and spread evenly with the sponge in circular motions. In case of very absorbent surfaces apply two coats at 1 hour apart from one another. Rinse the sponge with water so as to be ready again for use. Wait for the surface to dry.

MARBLE

Two products are particularly suitable for cleaning and maintaining stone products:

- A cleanser (and degreaser), more specifically: a concentrated aqueous solution of anionic and non-ionic surfactants, complexing agents, water-soluble solvents and organic and inorganic alkalis.
- A washcoat (an impregnating solvent) suitable for treating stones, more specifically: a microdispersion of resins and waxes in refined organic solvents, with penetration power and affinity to stone mineral components.

First, rinse the surface with water and a sponge (or a cloth), so as to make it ready again for use.

Wait for the washed surface to dry.

Pour a little washcoat directly on the surface to be treated and spread evenly with the sponge in circular motions. In case of very absorbent surfaces, apply two coats at 1 hour apart from one another.

Rinse the sponge with water, so as to be ready again for use. Wait for the surface to dry.

TRAVERTINE

Cleaning Travertine is basically the same as cleaning marble, even though it requires a little more attention.

Apart from specific products for unpolished and porous marbles (such as travertine), you can also clean travertines with just soap and water.

Important! Make sure to avoid any strong, aggressive product, or any anti-limescale: they will surely damage or stain travertine! Simply use a cloth instead (better if together with a brush with plastic bristles) moistened with warm water.

After cleaning the whole surface, we highly recommend wiping it with a specific product that revives travertine color and grain, a reviving anti-stain product (wipe it with a dry cloth), such as the above suggested washcoat.

CONCRETE

Concrete components are particularly "low-maintenance". To adhere to the everlasting classic beauty of our product, we recommend a simple maintenance program performed annually. Cleaning of your product can be performed on an as needed basis although annual cleaning is recommended. Using a soft bristle brush and a mild solution of water with liquid cleanser will allow the surface to be cleaned without being etched. We recommend using only neutral and non-aggressive products. Do not allow the cleanser to dry. Wash off cleanser after cleaning the area making sure area is free of any left over cleanser.

Keep in mind that concrete -especially when used in outdoor- reacts to atmospheric agents or various chemicals agents (i.e. salt water irrigation or when attempting to clean with unsuitable liquids) by creating surface stains. Such reactions are clearly more visible on dark cements (stains are calcareous, therefore clear).

The external agent that mostly affects the appearance of concrete is "salt mist", saline irrigation, saline rain, all characteristics of marine environments. There is no a single and resolute way to intervene, but rather gradual attempts:

1. Try first to remove stains with sponge and water and neutral soap (do not use alcohol).
2. If it didn't work then try to remove stains with very fine sandpaper, eventually increasing gradually the grain if needed, then clean with neutral soaps.

TERRACOTTA

We recommend a strong descaling decalcifier for terracotta and klinker. Aqueous solution with a strong mineral acidity, containing synergists, surfactants, emulsifiers and corrosion inhibitors. Remove efflorescence, concrete, mortar, residues of dust and whitening. Using very diluted, also as neutralizing after washing with alkaline products.

Pure or diluted in water, according to the need or the resistance of the residue to be removed on the Product. Spread Acido 13H3, rub vigorously with a hard pad or brush equipped with disks or hard plastic brushes.

Remove the residue with liquid vacuum or with rags and sponges. Do not let the Product to become stagnant on the washed surface. Rinse, suck it up and finish drying by passing a clean, dry rag.

After drying the surface must appear uniformly clean. Repeat when necessary.

METAL PARTS

Different metals and treatments require ongoing care, which largely depends on proper installation and positioning.

Installation: Improper installation, leading to small scratches, can cause oxidation by compromising the protective treatment.

Positioning: Selecting appropriate metals for the environment is crucial. Even though metals are tested for outdoor use, avoiding placement near sprinklers or pool areas can prevent corrosion and stains.

Maintenance: Regularly maintaining metals with suitable products extends their lifespan and reduces oxidation risks. Using protective covers is especially important for outdoor products throughout the year.

STEEL

We recommend a polishing and protective product for metals.

Ideal whenever restoring dirty, oxidized, stained or slightly ribbed surfaces is needed, when the delicacy of the material or its lacquer painting prevent from the use of more aggressive and energetic means or products.

Shake the bottle before applying, in order to well homogenize the liquid product with the abrasive component.

Apply a small amount on the surface to be treated

Wipe with a clean cloth, with a suitable pressure to the desired result

Performing such maintenance bimonthly is highly recommended when Products are placed in marine environments or near a swimming pool; in other cases, annually at least. In non-use periods we recommended using our PVC covers.

PAINTED ALUMINUM

To clean the painted metal surfaces, use cold water and liquid, non-abrasive and non-aggressive cleanser. Apply with a soft cloth. It is advisable, in case of very dirty and/or aged surfaces, to treat, after the step of cleaning, with liquid petrolatum. Apply with a soft cloth to revitalize the surfaces.

In case of stains caused by calcium deposits, wipe down with a cloth and white vinegar solution diluted in cold water.

Before winter, perform a cleaning step and then treat the surfaces, moving parts and screws with liquid petrolatum, using a soft cloth.

Small scratches or damages on painted surfaces, due to transportation, improper use or handling, can be reworked and protected against corrosion with stick paints for outdoor use.

ELECTRONIC PARTS

Electro-mechanical components should be used according to the manufacturer's instructions. Damage from excessive power or non-compliance with technical specifications is not covered under warranty.

Installation and Configuration: Only qualified personnel should configure the product. Adhering to technical specifications is crucial to avoid damaging the transducer.

Positioning: Overheating of electronic parts generally doesn't pose issues when the product is used according to provided instructions. For high-power setups, placing the crossover outside the product can be advisable. External crossovers are housed in special (waterproof, if not installed in the control station) boxes and can be positioned near the amplifier or product, as detailed in the technical documentation.

Note: Maintenance products are chemical substances and should be used with caution. They are low in oral and dermal toxicity but can pose health risks if not used properly. Direct and prolonged contact may irritate skin and eyes. Always keep these products out of children's reach and wear gloves during use.

Contacts

For further information or to lodge a complaint, please contact us via email at technical@architetturasonora.com.

CONCRETE RESIN

Concrete Resin combines the visual appeal of traditional concrete with advanced durability and lightweight properties, making it resistant to impact and the elements while offering a timeless aesthetic. Its composition, enriched with natural materials, ensures a graceful aging process that accentuates its allure through the years.

For optimal care, protect the surface from direct contact with staining agents. We recommend wearing gloves or ensuring clean hands when handling to prevent marks. Should any spills occur, promptly dab them away with a damp microfiber cloth, using lukewarm water for best results. For more stubborn stains, a gentle abrasion with fine-grit sandpaper (600-800) can effectively reduce the visibility of marks. For unresolved issues, Architettura Sonora's team is at your disposal for assistance.

KLONDIKE

The Klondike finish, characterized by its metallic particle multi-layer treatment, stands out for its exceptional resistance to wear and tear. While Klondike-coated products are ideally suited for sheltered spaces, the Corten finish exception thrives even in the great outdoors.

Maintaining the distinct aesthetic of the Klondike treatment involves routine cleansing with pH-neutral solutions, gently applied with a soft microfiber cloth to preserve its integrity and beauty.

Warranty

INTERNATIONAL SALE CONTRACT

between

B&C Speakers S.p.A., having its seat at Via Poggiomoro, 1 – 50012 Bagno a Ripoli (FI) – ITALY,
represented by Mr. Lorenzo Coppini
(hereinafter called “the Seller”)

and

the Buyer

IT IS AGREED AS FOLLOWS

1. Characteristics of the Products - Modifications

1.1 All the information and data relating to technical features and/or specifications of the Products contained in dépliant, price lists, catalogues and similar documents will be binding even if not expressly referred to in the Contract.

1.2 The Seller may make any change to the Products which appear to be necessary or suitable.

2 Time of delivery

2.1 Delivery Time will be defined by both parties once the order is complete and agreed, for sure the delivery term will start not before the up-front payment of 50% of the order by the Buyer. If the Seller expects that he will be unable to deliver the Products at the date agreed for delivery, he must inform the Buyer within the shortest delay, of such occurrence. It is agreed that if a delay for which the Seller is responsible lasts more than 6 weeks, the Buyer will be entitled to terminate the Contract with reference to the Products the delivery of which is delayed, by giving a 10 days' notice, to be communicated in writing to the Seller.

2.2 Any delay caused by force majeure (as defined in art. 9) or by acts or omissions of the Buyer (e.g. the lack of indications which are necessary for the supply of the Products), shall not be considered as a delay for which the Seller is responsible.

2.3 In case of delay in delivery for which the Seller is responsible, the Buyer may request, after having summoned in writing the Seller, a compensation for the damages actually suffered, within the maximum amount of 5% of the price of the Products the delivery of which has been delayed.

2.4 Except in case of fraud or gross negligence, the payment of the amounts indicated in art. 2.3 excludes any further compensation for damages arising out of non-delivery or delayed delivery of the Products.

3 Delivery and shipment - Complaints

3.1 Except as otherwise agreed, the supply of the goods will be Ex Works, even if it is agreed that the Seller will take care, in whole or in part, of the shipment.

3.2 In any case, whatever the delivery term agreed between the parties, the risks will pass to the Buyer, at the latest, on delivery of the goods to the first carrier.

3.3 Any reference made to trade terms (such as EXW, CIP, etc.) is deemed to be made to Incoterms published by the International Chamber of Commerce and current at the date of conclusion of this contract

3.4 Any complaints relating to packing, quantity, number or exterior features of the Products (apparent defects), must be notified to the Seller, by registered letter with return receipt, within 7 days from receipt of the Products; failing such notification the Purchaser's right to claim the above defects will be forfeited. Any complaints relating to defects which cannot be discovered on the basis of a careful inspection upon receipt (hidden defects) shall be notified to the Seller, by registered letter with return receipt, within 7 days from discovery of the defects and in any case not later than 12 months from delivery; failing such notification the Purchaser's right to claim the above defects will be forfeited.

3.5 It is agreed that any complaints or objections do not entitle the Buyer to suspend or to delay payment of the Products as well as payment of any other supplies.

4. Prices

Unless otherwise agreed, prices are to be considered Ex Works, for Products packed according to the usages of the trade with respect to the agreed transport means. It is agreed that any other cost or charge shall be for the account of the Buyer.

5 Payment conditions

5.1 If the parties have agreed on payment on open account, payment must be made, unless specified otherwise, within 60 days from the date of invoice, by bank transfer. Payment is deemed to be made when the respective sum is at the Seller's disposal at its bank in Italy.

If it is agreed that payment must be backed by a bank guarantee, the Buyer must put at the Seller's disposal, at least 30 days before the date of delivery, a first demand bank guarantee, issued in accordance with the ICC Uniform Rules for Demand Guarantees by a primary Italian bank and payable against on simple declaration by the Seller that he has not received payment within the agreed term.

5.2 If the parties have agreed on payment in advance, without further indication, it will be assumed that such advance payment refers to the full price. Unless otherwise agreed, the advance payment must be credited to the Seller's account at least 30 days before the agreed date of delivery.

5.3 Accepted payments will be only those made by bank transfer.

5.5 Unless otherwise agreed, any expenses or bank commissions due with respect to the payment shall be for the Buyer's account.

6. Warranty for defects

6.1 The Seller undertakes to remedy any defects, lack of quality or lack of conformity of products on his part, which occurred within twenty-four months from delivery of products, provided that it will be promptly notified in compliance with art. 3.4. Seller may choose to repair or replace defective products. The Products repaired or replaced under warranty will be subject to the same warranty for a period of six months from the date of repair or replacement.

6.2 The Seller does not guarantee the compliance of the products in case of damages caused by improper installation or lack of maintenance.

6.3 Except in cases of gross negligence or willful misconduct, the Seller shall, in case of defects, lack of quality or lack of conformity of Products, only repair the same Products or supply Products to replace the defective ones. It is understood that the above warranty (which consists of the obligation to repair or replace the Products) absorbs and is in lieu of any warranty or liability provided by law, and excludes any other Seller's liability (both contractual and non-contractual) which may arise from Products (ie. damages, lost profits, recall campaigns, etc.).

7 Retention of title

It is agreed that the Products delivered remain the Seller's property until complete payment is received by the Seller.

8 Force majeure

8.1 Either party shall have the right to suspend performance of his contractual obligations when such performance becomes impossible or unduly burdensome because of unforeseeable events beyond his control, such as strikes, boycotts, lock-outs, fires, war (either declared or not), civil war, riots, revolutions, requisitions, embargo, energy black-outs, delay in delivery of components or raw materials.

8.2 The party wishing to make use of the pre-sent clause must promptly communicate in writing to the other party the occurrence and the end of such force majeure circumstances.

8.3 Should the suspension due to force majeure last more than six weeks, either party shall have the right to terminate the Contract by a 10 days' written notice to the counterpart.

9 Applicable law - Jurisdiction

9.1 The competent law courts of the place where the Seller has his registered office shall have exclusive jurisdiction in any action arising out of or in connection with this contract. However, as an exception to the principle here above, the Seller is in any case entitled to bring his action before the competent court of the place where the Buyer has his registered office.

The Buyer declares that he approves specifically, with reference to article 1341 of the civil code, the following clauses of this contract:

Art. 2.3 - Delayed delivery

Art. 2.4 - Compensation for delayed delivery

Art. 3.4 - Notification of defects Art. 9.2 - Jurisdiction

Firenze, Italy, April 2024

(Place and Date)



Last Update – April 2024

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