

Artsound ASW55.2 B

Artsound ASW55.2 Waterproof Speaker Instruction Manual

Model: ASW55.2 B

1. INTRODUCTION

Thank you for choosing the Artsound ASW55.2 Waterproof Speakers. These 2-way HiFi speakers are designed for versatile use, offering excellent sound quality in both indoor and outdoor environments. Their robust, waterproof construction makes them ideal for terraces, gardens, saunas, and pool areas. This manual provides essential information for the proper installation, operation, and maintenance of your speakers to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- **Power Source:** Ensure the amplifier connected to the speakers is compatible with the speaker's power requirements (20-120 watts).
- **Wiring:** Use appropriate gauge speaker wire for connections. Ensure all connections are secure to prevent short circuits.
- **Mounting:** When wall-mounting, ensure the mounting surface is strong enough to support the weight of the speakers and that the mounting hardware is securely fastened. Consult a professional if unsure.
- **Water Exposure:** While the speakers are IP54 rated for water resistance, avoid submerging them or exposing them to high-pressure water jets. Ensure the indoor/outdoor switch is correctly set for the environment.
- **Temperature:** Avoid exposing speakers to extreme temperatures or direct sunlight for prolonged periods, which can affect performance and lifespan.
- **Cleaning:** Disconnect from power before cleaning. Use a soft, damp cloth. Avoid abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 2 x Artsound ASW55.2 Waterproof Speakers
- 2 x Wall Mount Brackets

- Mounting Hardware (screws, wall plugs, washers)
- User Manual (this document)

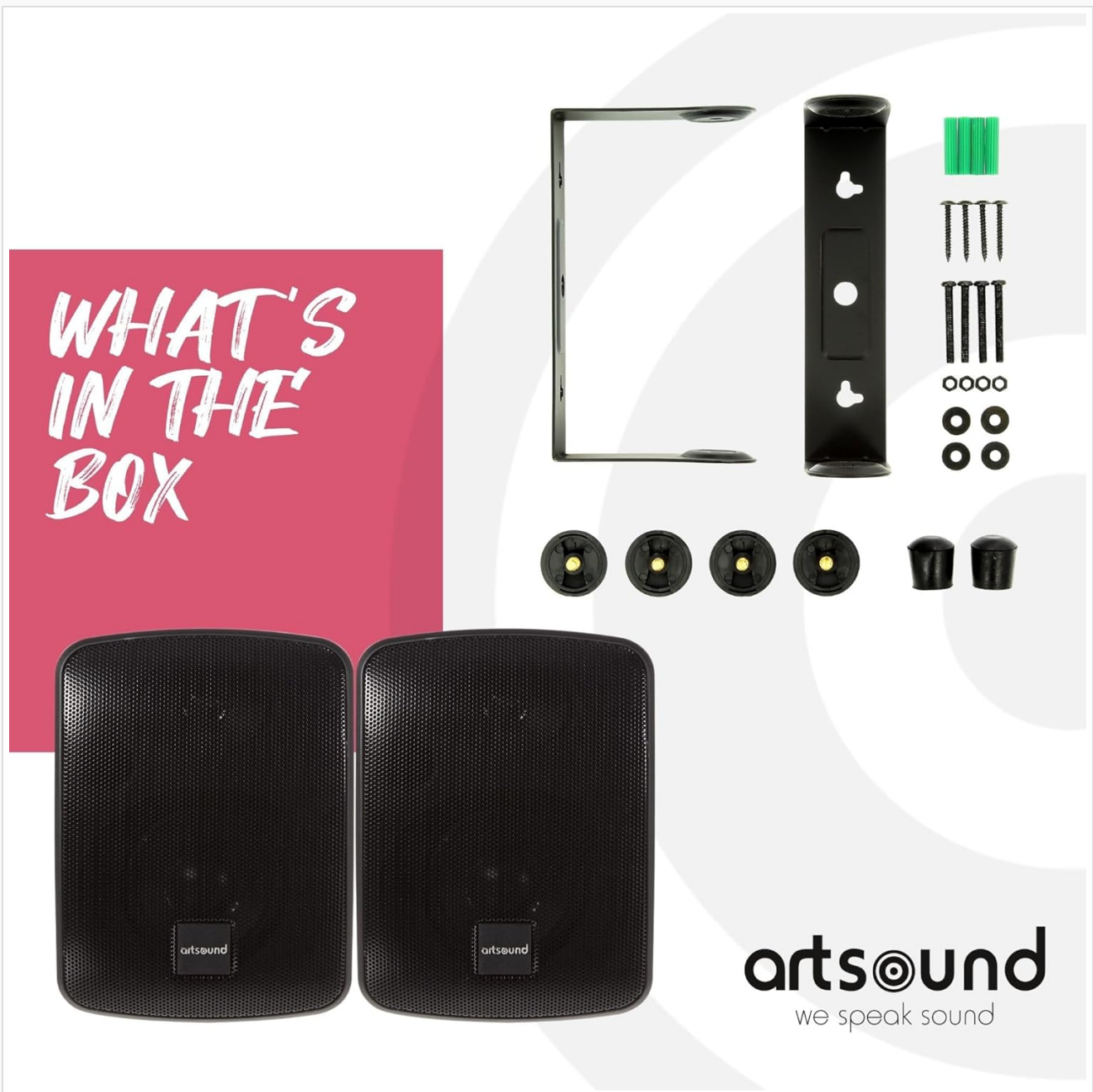


Image: The package contents for the ASW55.2 speakers, showing the two speakers, wall mounts, and installation hardware.

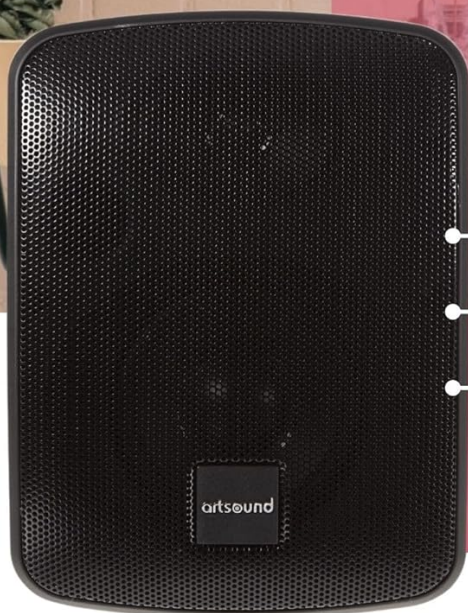
4. PRODUCT OVERVIEW

The Artsound ASW55.2 speakers are engineered for durability and high-fidelity audio. Key features include:

- **Waterproof Design (IP54):** Resistant to splashes and dust, suitable for humid and outdoor environments.
- **Robust ABS Housing:** Ensures long-term durability and protection.
- **Indoor-Outdoor Switch:** Allows optimization of sound for different acoustic environments.
- **Gold-Plated Connectors:** Provide noise-free and high-quality signal transmission.
- **2-Way System:** Features a 0.5" PEI dome tweeter and a 5.25" polypropylene mica woofer for balanced audio reproduction.

VERY POWERFUL
YET DISCREET

ASW55.2



- Waterproof
- Strong ABS housing
- Suitable for both outdoors and indoors

Image: A detailed view of the ASW55.2 speaker, emphasizing its waterproof and durable design for versatile use.



INDOOR -OUTDOOR SWITCH

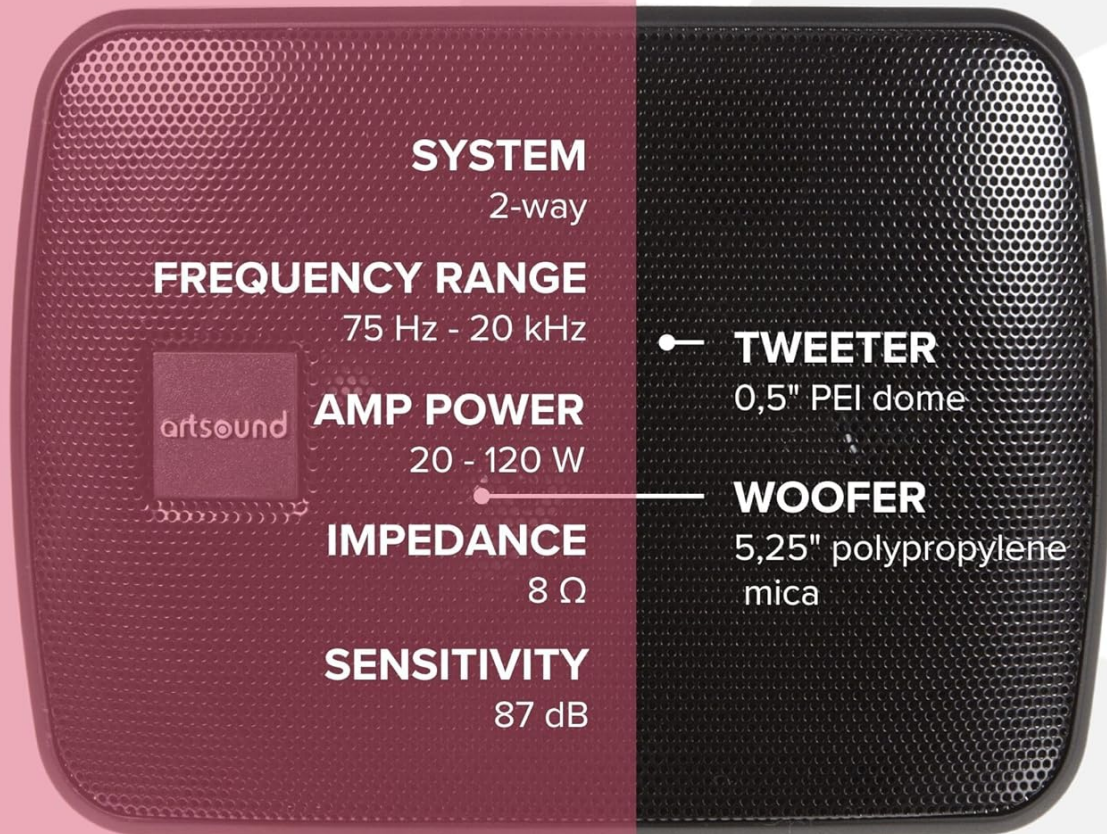


Gold-plated connectors
noise-free & high-quality
sound.



Image: The back panel of the speaker, illustrating the gold-plated connectors and the indoor/outdoor mode switch.

WE
SPEAK
SOUND



SYSTEM

2-way

FREQUENCY RANGE

75 Hz - 20 kHz



AMP POWER

20 - 120 W

IMPEDANCE

8 Ω

SENSITIVITY

87 dB

TWEETER

0,5" PEI dome

WOOFER

5,25" polypropylene
mica

Image: Technical specifications of the ASW55.2 speaker, detailing its acoustic components and performance metrics.

5. SETUP

5.1 Wall Mounting

1. **Choose Location:** Select a suitable location on a sturdy wall, considering sound dispersion and proximity to your audio source.
2. **Mark Drilling Points:** Use the wall mount bracket as a template to mark the drilling points on the wall.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall type. Insert wall plugs if necessary.
4. **Attach Bracket:** Securely fasten the wall mount bracket to the wall using the provided screws.
5. **Mount Speaker:** Attach the speaker to the bracket. Ensure it clicks securely into place or is fastened according to the bracket design.



INTERRUPTEUR INTÉRIEUR-EXTÉRIEUR

L'enceinte dispose d'un bouton **interrupteur unique** qui vous permet de choisir entre une utilisation extérieure (terrasse) et intérieure (hammam).

Image: An Artsound ASW55.2 speaker securely mounted on a wall, illustrating the ease of installation.

5.2 Connecting the Speakers

Connect the speakers to your amplifier using high-quality speaker wire. Observe correct polarity (positive to positive, negative to negative) for optimal sound performance.

- Connect the positive (+) terminal of the speaker to the positive (+) terminal of your amplifier.
- Connect the negative (-) terminal of the speaker to the negative (-) terminal of your amplifier.

5.3 Indoor/Outdoor Switch

The ASW55.2 speakers feature a switch on the rear panel to optimize sound for indoor or outdoor use. This switch adjusts the speaker's frequency response to compensate for different acoustic environments.

- Set the switch to "**IN DOOR**" for indoor environments (e.g., living rooms, saunas).
- Set the switch to "**OUT DOOR**" for outdoor environments (e.g., terraces, gardens).



UN SON CHALEUREUX

La série ASW, c'est profiter d'un **son stéréo raffiné** qui va bien plus loin qu'un haut-parleur conventionnel. Le champ d'écoute est considérable et égayera musicalement toute garden-party. Chaque enceinte de cette série ASW dispose de **deux haut-parleurs** qui garantissent la **reproduction de chaque détail**.

artsound
we speak sound

Image: The indoor/outdoor switch on the speaker's rear, allowing sound optimization for different settings.

6. OPERATING

Once the speakers are securely mounted and connected to your amplifier, you can begin enjoying your audio.

1. **Power On:** Turn on your amplifier and select the appropriate input source.
2. **Volume Control:** Start with the volume at a low level on your amplifier and gradually increase it to your desired listening level.
3. **Sound Adjustment:** Adjust the bass and treble settings on your amplifier to fine-tune the sound to your preference. Remember to use the indoor/outdoor switch for optimal sound profile.

7. MAINTENANCE

Regular maintenance will help preserve the appearance and performance of your Artsound ASW55.2 speakers.

- **Cleaning:** Use a soft, dry, or slightly damp cloth to wipe down the speaker cabinets. Do not use harsh chemicals, cleaning sprays, or abrasive materials, as these can damage the finish or components.
- **Grille Cleaning:** For the speaker grille, a soft brush or vacuum cleaner with a brush attachment can be used to gently remove dust and debris.
- **Environmental Checks:** Periodically inspect the speakers and mounting hardware for any signs of wear, corrosion, or loosening, especially if used outdoors.
- **Storage:** If storing the speakers for an extended period, especially in harsh conditions, consider covering them or storing them in a protected area to prevent dust and environmental damage.

8. TROUBLESHOOTING

If you encounter issues with your Artsound ASW55.2 speakers, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from speakers	<ul style="list-style-type: none">• Incorrect amplifier input selected• Loose or incorrect speaker wire connections• Amplifier not powered on or faulty• Speaker wire damaged	<ul style="list-style-type: none">• Select the correct input on your amplifier.• Check all speaker wire connections at both the amplifier and speakers for proper polarity and tightness.• Ensure amplifier is powered on and functioning correctly.• Inspect speaker wires for cuts or breaks.
Distorted or poor sound quality	<ul style="list-style-type: none">• Incorrect indoor/outdoor switch setting• Overdriven amplifier (volume too high)• Loose speaker wire connections• Damaged speaker cone	<ul style="list-style-type: none">• Ensure the indoor/outdoor switch is set correctly for your environment.• Reduce the amplifier volume.• Check speaker wire connections for tightness and correct polarity.• Inspect speaker cones for visible damage.

Problem	Possible Cause	Solution
One speaker not working	<ul style="list-style-type: none">Loose connection to that speakerFaulty speaker wireBalance setting on amplifier	<ul style="list-style-type: none">Check the connections for the non-working speaker.Swap speaker wires between working and non-working speakers to identify if the wire or speaker is faulty.Check the balance control on your amplifier.

9. SPECIFICATIONS

Detailed technical specifications for the Artsound ASW55.2 speakers:

Feature	Specification
Model Name	ASW55.2 B
Speaker Type	Waterproof, 2-way HiFi
Connectivity Technology	Wired
Max Speaker Output Power	120 Watts
Power (RMS)	20-120 Watts
Frequency Range	75 Hz - 20 kHz
Impedance	8 Ohms
Sensitivity	87 dB
Tweeter	0.5" PEI Dome
Woofers	5.25" Polypropylene Mica Cone
Waterproof Rating	IP54
Housing Material	ABS
Color	Black
Item Weight	4.61 Kilograms (for the pair)
Dimensions (approx. per speaker)	250mm (H) x 190mm (W) x 150mm (D)
Mounting Type	Wall Mount

CURVED SHAPE

2.3 KG



Image: Dimensions and weight of the ASW55.2 speaker.

10. WARRANTY AND SUPPORT

Artsound products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your purchase or visit the official Artsound website. If you require technical support or have questions not covered in this manual, please contact Artsound customer service through their official channels.

Artsound Official Website: www.artsound.be

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