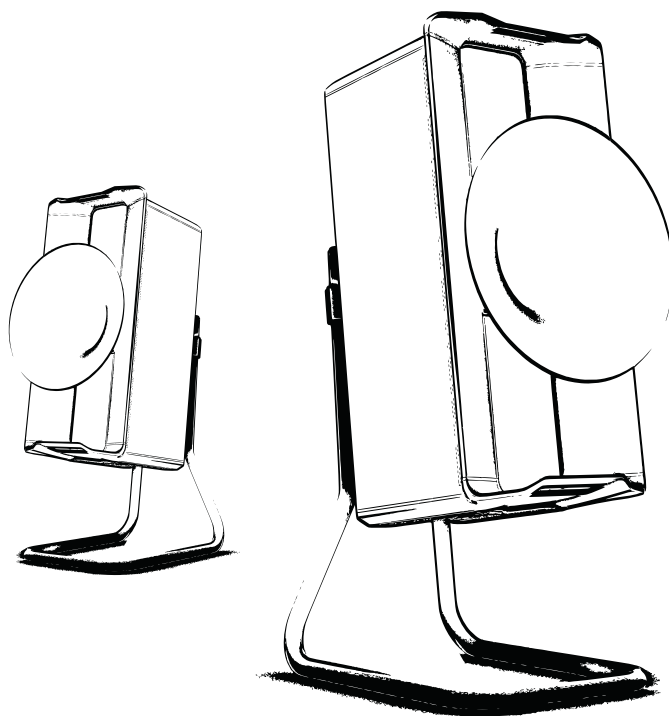




User Manual

COLIBRI C2 SATELITE SPEAKER

Version 1.2

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SAFETY INFORMATION

CAUTION



To prevent fire, shock or damage, do not expose the components to rain or moisture.



Conditions for operation:

room temperature 5 – 35° C,
humidity 10 – 75%



It is intended to alert the user of the presence of uninsulated "dangerous voltage" within the products enclosure. To avoid electrical shock, do not open the cabinet of the components.



Excessive sound pressure levels might cause serious damage to your health. Do not turn up the volume of the loudspeaker system to loud!



Should any solid object or liquid fall into the cabinet of the components, unplug the unit and have it checked by qualified personnel before operating it any further.



Unplug the components of your system from the wall outlet and antenna if they are not to be used for an extended period of time. To disconnect the power cord, always pull on the plug and never on the cord directly. Never touch the plugs with wet hands.



Only have the system installed and repaired by authorized personnel.

**PRIVATE USE
ONLY**

These loudspeakers are designed for the playback of audio signals. Any misuse, especially commercial operation, will invalidate the warranty.

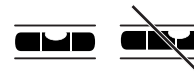


SAFETY INFORMATION

PRECAUTIONS ON INSTALLATION



Do not carry the speakers by the horn.



Place the loudspeaker on a flat floor with a load-bearing capacity that adequately supports the weight of the loudspeakers.



To prevent internal heat build-up in the components, place units in a location with sufficient air circulation. Do not install the speakers in a location near heat sources such as radiators, or in a place subject to direct sunlight, excessive dust, or mechanical vibration.



Connect everything securely. Always insert the cables and plugs fully into the jacks. A loose connection may cause hum pick-up and can damage the system. Use only high-quality cables with self-tightening banana speaker and RCA or XLR plugs.



To avoid damaging the finish, never use alcohol, paint thinner or aggressive cleaners to clean the components.

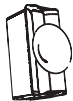


Read this operators manual thoroughly before operating the speaker system.

CONTENT OF PACKAGES

COLIBRI C2 SPEAKER

1 x



Cardboard box with one speaker

1 x



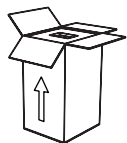
User manual

UNPACKING

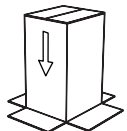
COLIBRI C2 SPEAKER



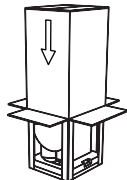
Be aware of the heavy weight of the speakers when unpacking and setting up! For this work, we strongly recommend the assistance of at least one other person!



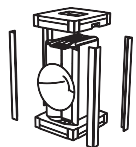
① Place the cardboard box upright and open the top of the box.



② Turn the box upside down with the lid open.



③ Carefully pull the cardboard box upwards and remove it.

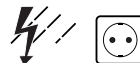


④ Remove transport protection.



SAFETY PRECAUTIONS

ON INSTALLATION



The power to all components must be switched “off” (or disconnected from the household AC) before making any audio connections.



To prevent malfunction/defects, never operate components with unassigned input sockets (unwired)!.



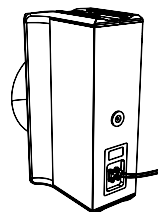
Control the polarity of speaker cables! Never mix up “+” and “-”. Wrong polarity will deteriorate the sound quality and can damage amplifier and the active power module of the subwoofer.

Do not short circuit the +/- electric poles of the speaker cables.

Use high quality cable with solid speaker plugs (spades, bananas etc).

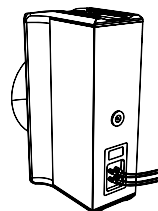
CONNECTIONS

SINGLE-WIRING & BI-WIRING



➡ Only connect the speaker after it has been finally positioned and set-up in the room (see next pages).

For SINGLE-WIRING connect the Speaker-Output of your power (or integrated) amplifier to the Speaker-connector of the speakers.



For BI-WIRING remove the jumper-bridge and connect the speaker output of your power amplifier (or integrated amplifier) to the speaker terminals of the loudspeaker, using a separate cable for each terminal.

➡ Only now connect the components power cords to a household outlet and turn on the amplifier and other equipment.

INSTALLATION

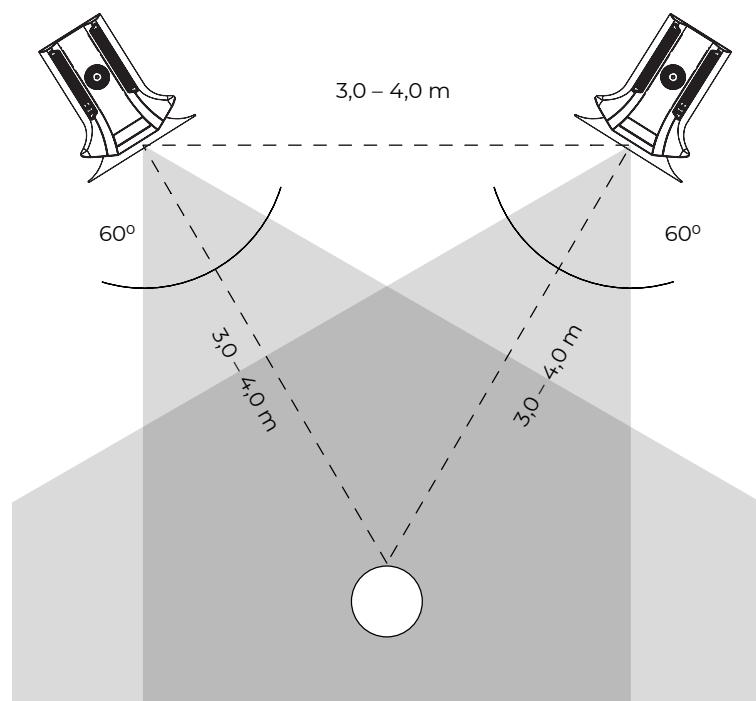
ROOM PLACEMENT

We recommend to place both speakers with the horns facing towards the listener. This setup projects the high-frequency and imaging precision with maximum stability into the center of the room or in the direction of the ideal listening position.

Due to the controlled dispersion characteristics of the horns the speaker will excite significantly less unwanted reflections from the room walls compared to conventional speakers. Thus they can be positioned closely to back walls or corners (both or only one speaker in the corner!).

Choose a position for the speakers in your listening room. Both speakers and your listening seat should form an approx. equilateral triangle. Ideally each side of the triangle should be approx. 3,0 – 4,0m.

The speakers should be toed-in with the horns pointing directly to the listening position.



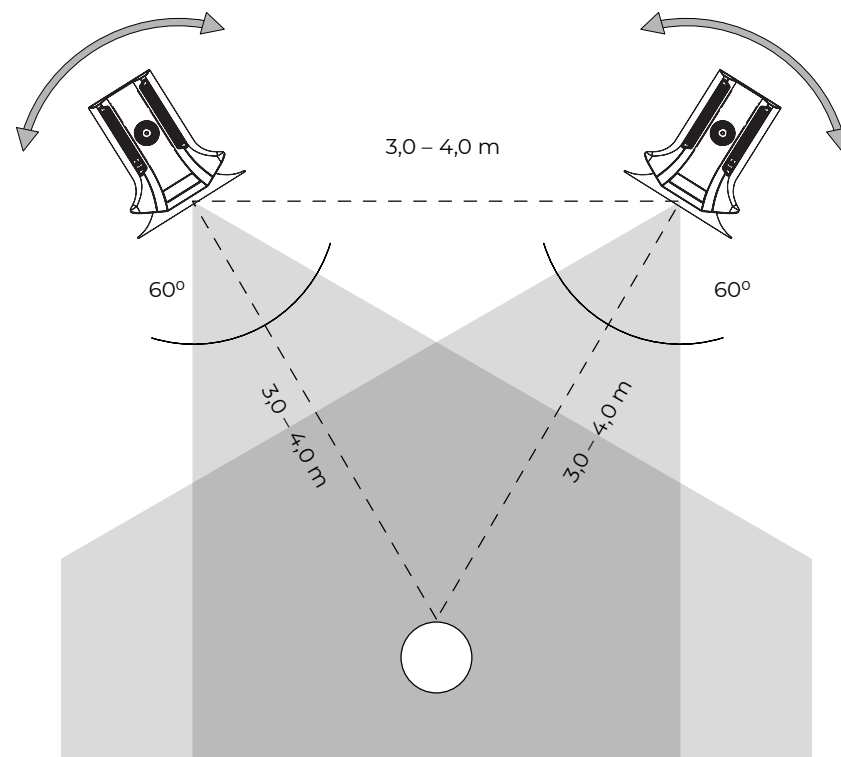
INSTALLATION

TOE-IN & TOE OUT

By facing the speakers inwards (toeing-in) or outwards (toeing-out) you can further affect the focus and tonal balance of the system.

By toeing-out, the sound appears to be less “direct” or “forward sounding”, but this may affect the focus of the centre image.

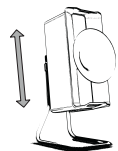
Toeing-in emphasizes increased focus on the centre image, but may affect the width of the stereo image.



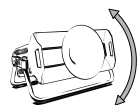
INSTALLATION

ADJUSTING THE HEIGHT OF THE SPEAKER

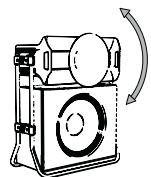
Depending on the listening distance and seat height, it may be necessary to adjust the height of the loudspeaker systems or tilt them forwards or backwards. Ideally the spherical horn should be aimed directly at the ear level.



When using the speaker stand, it is possible to adjust the height of the speaker up or down in the range of ± 110 mm.



With the center channel stand, the angle of the speaker can be adjusted in 7.5 degree steps.



With the Sub-Sat combination stand, the angle of the speaker can be adjusted in 7.5 degree increments.



When using the wall bracket, it is possible to tilt the speaker up or down and turn it sideways.

FINE TUNING

TEMPERATURE AND SOUND

During the cold season, the speakers must be "acclimatized" to room temperature before use. Condensation can form on cold electronic components. Low temperatures also have a considerable effect on the moving parts of a loudspeaker, such as the cone/voice coil, surround and spider. The ability of these components to follow rapid movements or perform large excursions is greatly reduced.

BREAK-IN TIME

New drivers usually require at least 40 hours of break-in time. During this time, the sound quality will continuously improve. Please leave the subwoofers switched on during this run-in period.

After this, it may be necessary to check the positioning of the systems and the settings on the subwoofer again and correct them if necessary.

CLEANING

CLEANING OF HIGH GLOSS LACQUER SURFACES



We recommend to regularly clean high gloss color-coated surfaces (for ex. spherical horn) with a dry soft fabric (duster) or a soft cosmetic brush.

To remove finger prints and dirty spots we recommend the use of glass detergent.

To remove small scratches we recommend the use of automotive waxes and polishing compounds for cars. Please proceed carefully and strictly follow the cleaning instructions of the manufacturer.

- ☛ First apply glass detergent, waxes or polisher on the backside of the horns to test the result!
- ☛ Do not touch the membranes while cleaning the horns!
- ☛ Avoid scratching the horns with dirty fabrics and never use aggressive detergents or abrasives!

CLEANING OF SATIN-FINISHED LACQUER SURFACES



We recommend to regularly clean satin finished color-coated surfaces (for ex. speaker body) with a dry soft fabric (duster) or a soft brush.

To remove finger prints and dirty spots we recommend the use of glass detergent.

- ☛ Do not use waxes or polisher!

CLEANING OF METAL SURFACES

Clean the powder coated and anodized surfaces with a regular duster or slightly moisted (i.e. by glass detergent) piece of cloth.

WARRANTY

SPEAKER REGISTRATION

Register your speaker and receive an extension of your factory warranties for 1 year at a time as the first owner.

- ① Please fill out the warranty card:

name:
street:
city:

serial no.
serial no. subwoofer

purchase date:
dealer:

- ② Take a photo of the completed warranty card with your cell phone.
- ③ Send the photo by mail using the QR code to:
"info@avantgarde-acoustic.de"



WARRANTY

Avantgarde Acoustic Lautsprechersysteme GmbH warrants that the products are free from defects attributable to faulty manufacture. The warranty is limited to ten (10) years for the stability of the connecting elements (between metal, wood and plastic parts, including the horns), five (5) years for the color coating and the drivers, and two (2) years for all electronic components.

All Avantgarde Acoustic products have been thoroughly checked before shipping. In the case of problems, please check the following:

1. This warranty begins on the date of original purchase and may be enforced only by the original purchaser. Please keep the original dated sales slip as proof of warranty coverage. The warranty period is not effected by warranty services provided within the warranty period.

2. Except as specified below, this warranty covers all defects in material and workmanship in this product. Our liability for any defective product is limited to repair or replacement of the products, at our option. Any implied warranties, including warranties of merchantabilities and fitness for a particular purpose, or damages based upon inconvenience, loss of use of the product, or commercial loss, or any other damages are not covered by this warranty.

3. Any modification, alterations or changes to the product are strictly prohibited.

4. In case of defects, please contact at first your dealer. If at the sole descretion of Avantgarde Acoustic it is nescessary to ship the product to the manufacturer, please make sure that:

- The product is carefully packed and shipped in its original shipping box.
- The Avantgarde Acoustic warranty card is filled out and added to the product or, alternatively the original invoice from the dealer or a proof of online product registration in the Avantgarde Customer Club.
- The product is shipped free of charge to us, e.g. you must pay all shipping charges (ex. Freight, insurance etc.).

WARRANTY

5. The following are not covered by this warranty:

- Regular inspections, tuning, repairs or replacement of parts which are attributable to normal wear and tear.
- Damage occuring during shipment of the product. All transport claims must be presented to the carrier.
- Damages or scratches on the surface of the product (ex. Housing, horns, metal parts, color coating etc.). These claims must be presented within 3 days after the date of original purchase with your dealer.
- Damage resulting from incorrect placement, faulty connections, improper operation. Damage resulting from failure to follow instructions supplied with the product.
- Damage resulting from accident, misuse, abuse, neglect, electrical surges, lightning or other acts of God.
- Damage resulting from repair or attempted repair by anyone other than Avantgarde Acoustic or an authorized Avantgarde Acoustic dealer.
- Consequential, secondary or subsequent damages to other third party appliances.

6. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

7. Register your new speaker on our website and receive an extension of your factory warranties by 1 year (first owner only).

www.avantgarde-acoustic.de

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