AUDIUM

Comp 8X / 9X
Passive

User Manual

Thank you very much for your trust in AUDIUM products!

This AUDIUM speakers are the key to a realistic, three-dimensional
music reproduction with outstanding dynamics and details.

Please read this manual before installing your loudspeakers.
It provides all the necessary information and hints to set up, and to achieve the best music reproduction with your AUDIUM loudspeakers.

Thank you very much,
Your AUDIUM team!

You will find enclosed:
2x AUDIUM Loudspeakers
2x Foam Plug
8x Spikes (M8 thread)
1x User Manual

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General information

Safety instructions

1. Read this manual and follow the instructions provided.
   Keep this manual as a reference for future questions.
2. Do not operate the speakers in damp places or near water.
3. These speakers are intended for use inside buildings.
   Do not operate them outdoors.
4. Do not use the speakers near heat sources such. Eg. Radiant heaters, stoves, fireplaces, amplifiers, ... or other devices that produce heat.

Do not try to repair the speakers in case of damage or malfunction.
Always contact your dealer or authorized service personnel.

Warranty

By registering your product, you extend the legal warranty on speakers to 5 years and electronics to 3 years. This is independent of your dealer / distributor.
Visit www.audium.com/registration within 2 weeks after purchase these speakers.

Handling, Cleaning and Care

For cleaning, use a soft dry or slightly damp cloth.
Please avoid aggressive cleaning agents as well as special furniture polishes or any other cleaning fluids. Dust from the chassis can be removed gently by using a tiny furniture brush.

Warning: Avoid touching the chassis and membranes!
They are very sensitive and can be easily damaged!

Unpacking the Speakers

The AUDIUM speakers are delivered in separate cartons. Alter opening them, remove the poly-foam protection elements and the textile bag. Do not dispose the packaging - you can carry the speakers in a save way only when using the original packaging.

Spikes

AUDIUM floor speakers radiate sound best when the front baffle is inclined for a few degrees. Therefor screw the front spikes for 5mm, the rear spikes totally into the designated winding-drills. Take care that the speaker has a steady position.
Finally, tighten the spikes with the appropriate screw nuts.
Further information on the installation below in the chapter "Installation".

Note: To protect wooden floors, we recommend the use of washers, which you can get from your dealer. Alternatively, you can also use any metal discs for bridging.

Dust-Caps

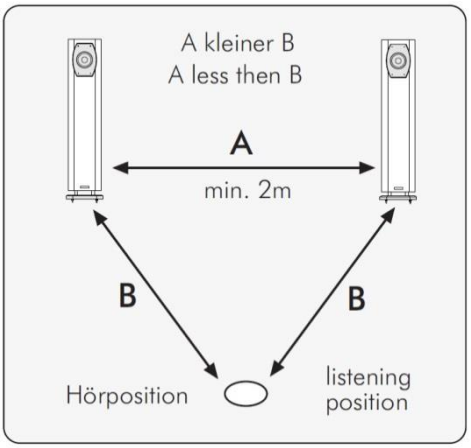
The loudspeakers are equipped with dust-caps per default. These are simply attached to the speaker front and can be removed with low force through pulling them oft, it you desire.
Even though these dust-caps have been designed according to acoustic aspects, the best sound performance can be achieved when they are removed from the loudspeakers

Burn-In

Loudspeakers are equipped with moveable parts. Thus they require a specific “Burn-In time” until these parts can move in the required tolerance range. After this period, the loudspeakers can develop their full acoustic potentials.
For the burn-in of your new AUDIUM speakers you can play back music signals with a very broad frequency spectrum for 1-2 days. Preferably you can use a special burn-in CD (e.g. containing pink noise signal) or a radio receiver after turning it to an unassigned frequency.

After a period of time when you do not listen to music, the speakers also will fall back into a state close to being new. So again, give them some time to warm up again.
You will notice the effect the “burn” them in from minute to minute.

Speaker Placement



Listening Position

As shown in the illustration, the two speakers and your listening position ideally form an isosceles triangle with the edge lengths A and B. The distance A between the Speakers should be smaller than the distance B between the speakers and yours Listening position. Distance A should be min. 2 meters (6.5 feet).

Position in your listening room

Because of physical laws, a positioning of the speaker closer as 80 cm to a wall causes an increase of the bass reproduction. So you should try to keep this as the minimum distance. By changing this distance you can adjust the bass intensity.

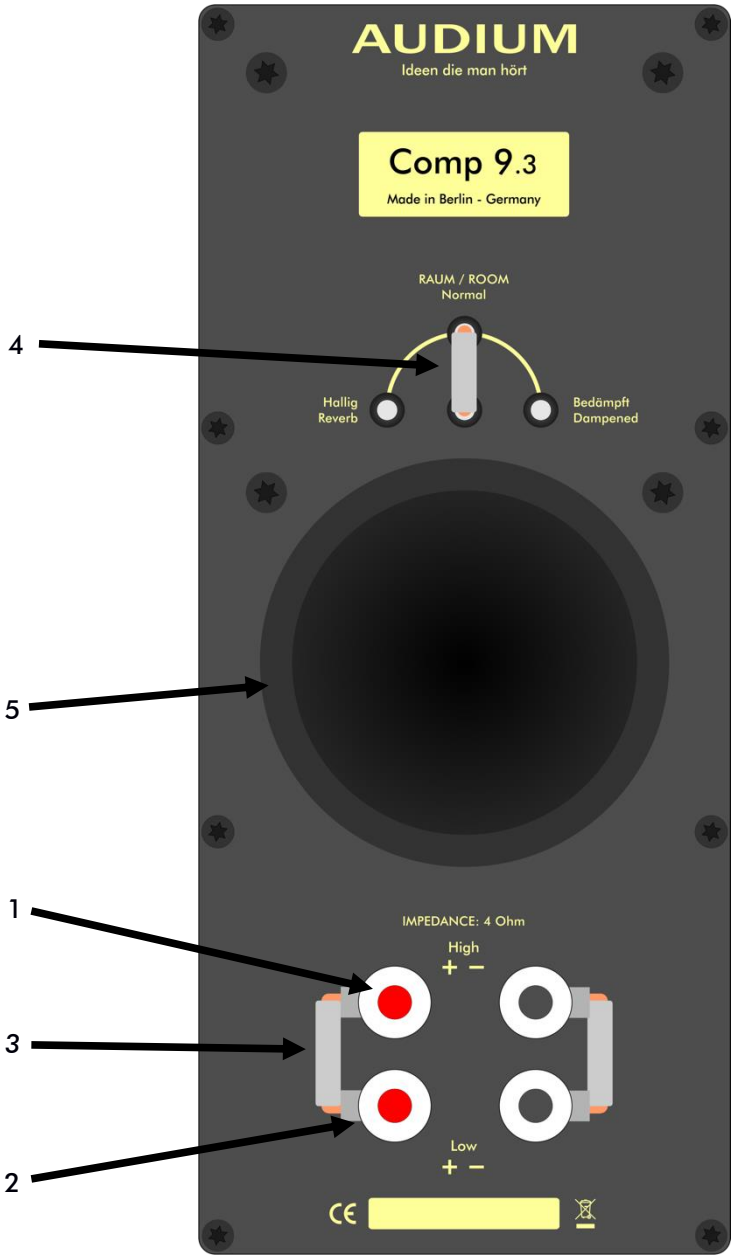
Angling of the Loudspeakers

Depending on the orientation and angle of your speakers you can change the brilliance, the depth of the stage and the room reproduction.

The installation of the speakers is authoritative for the resulting sound.
Experiment with different settings and let your hearing to judge!

	An alignment of the speakers in parallel heading to your listening position ensures gentler heights.
	An angling of the speakers towards the listening position provides present heights / more brilliance.
	In many rooms, it is good to tilt the speakers backwards, i.e. turn the front spikes far out and the back far into it. This may result in a larger sound image with higher image.
	In contrast, straight alignment of the speakers will cause that the stage is more compact and more come to the forefront.

Connectors of the Speakers



1. Connectors + and – for the fullrange driver
2. Connectors + and – for the woofer
3. Bi-Wiring bridges
4. Jumper for the Room-Adjustment
5. Bass-Reflex tube emits deep frequencies

Connecting the speakers

After placing the speakers in the desired location, connect them to your music source.
Use a high quality loudspeaker cable to connect the speaker to your amplifier.

Note:
Again, the basic principle applies: a chain is never stronger than its weakest link. Therefore do not try to think too cost-effective when choosing the speaker cables. save you They need to transfer all the music information from the amplifier to the speakers.
A general rules says: Invest 10% of the cost of your electronics for the cabling!

Bi-Wiring or Bi-Amping

For Bi-Wiring or Bi-Amping remove the Bi-Wiring bridges (3) from the speaker terminals and use a Bi-Wiring speaker cable to connect them to your amplifier
or 2 speaker cables to connect them to both power amplifiers.

Note:
Do not forget to remove the Bi-Wiring Bridges
before connecting the speakers to two power amplifiers!
Otherwise you may cause damage to your amplifiers!

Note:
In case of questions don't hesitate to ask your AUDIUM dealer!

Room-Adjustment

The Room-Adjustment Jumper allows an adaption of the speaker sound
to your listening room.

By placing the jumper in an appropriate position you can adjust the amount of produced high-frequency energy.
You can choose between 3 positions:

1. Normal Room
   You have a "normal" equipped listening room.
   So playback from the speaker will be neutral

2. Dampened Room
   Your listening room contains furniture absorbing sonic.
   E.g: curtains, bookshelves, carpets or a wooden floor.
   So place the jumper in this position and the speakers will put more energy in the higher frequencies to compensate this.

3. Room with reverb
   You have a plain listening room with few furniture inside.
   E.g.: free walls, windows and glass, marble floor.
   So place the jumper in this position and the speakers will reduce the amount of energy in the higher frequencies to compensate this.

Experiment with different settings and let your hearing to judge!

Bass-Adjustment

It is a physical law that speakers positioned close to a wall produce more bass then placed free in a room.
This effect is even more intense when you place a speaker in a corner of a room.

One way to compensate this is to stuff the bass-reflex tube with the delivered semi-permeable foam stopper. By putting it into the tube you can reduce the bass reproduction of the speakers.

Technical Data

Property	Comp 8X ***Passive***	Comp 9X ***Passive***
Fullrange ∅	100mm (4″)	100mm (4″)
Woofer ∅	220mm (9″)	270mm (11″)
Impedance	4 Ohm	4 Ohm
Max Power	180W	200W
Inputs	Bi-Wiring Binding Posts	
Frequency Range	42-21k Hz	39-21k Hz
Dimensions	250 x 1020 x 340 mm	270 x 1060 x 360 mm
Weight	25kg	29kg

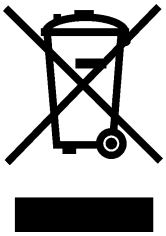
Disclaimer

CE-Marking

The CE marking certifies the conformity with low tension directive 2004/108/EC,
directive CEM 89/336/CEE and national transpositions.

This Product has been manufactured by:
AUDIUM
Siegesleitner & Urban GbR
Grossbeerenstrasse 146
12277 Berlin
Germany
Planet Earth

Disposal of Old Electrical & Electronic Equipment



(Applicable in the European Union and other European countries with separate collection systems).
This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The
recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

The AUDIUM WEEE Registration number is DE 83106685.

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Notice

This manual can be subject to change without notice.
Misprints and errors excepted.
You can download the newest version from https://speakers.audium.com/

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