

STRATTON

ACOUSTICS

ELEMENT 8 OWNER'S MANUAL



CONTENTS TABLE

Introduction	3
Welcome	5
Glossary Warning Symbols & Words	7
Important Notes	8
Unpacking Your Loudspeakers	10
Scope of Delivery	10
Setting Up Your Loudspeakers	15
Element 8 Installation	17
Location	17
Positioning	17
Connecting Your Loudspeakers	18
Speaker Cables	19
Terminals	19
Connecting the Loudspeakers	19
Wiring	19
Room Interaction	20
Additional Notes	22
Product Warranty	23
Loudspeaker Care	23
Product Disposal	23
Element 6 Specifications	24





STRATTON
ACOUSTICS

STRATTON
ACOUSTICS

Welcome to a the next level of musical enjoyment and passion; welcome to Stratton Acoustics.

Thank you for choosing the Element 8. You have selected a loudspeaker that is engineered to inspire, delivering the full emotional depth of any genre of music with remarkable transparency, accuracy and passion. Built to endure both today and for decades to come, it combines extraordinary sound quality with lasting durability.

The Element 8 is the result of exemplary design, meticulous engineering, and precision manufacturing; built around uncompromising acoustic performance and hand-finished craftsmanship.

To help you get the most from your Element 8's, we recommend you take time to read through this manual. It explains how best to set up & integrate these loudspeakers into your listening space, and how to ensure they perform optimally, with precision, control, and musical gravitas.

If you have any further questions, your dealer or our team will be happy to assist. When correctly positioned and partnered, the Element 8 will bring you the complete, lasting emotional weight of your music and for you and the generations to come. We are proud to support your journey.

David Fowler, Founder

ABOUT ELEMENT 8

The Element 8 is a visually striking, reflex loaded passive loudspeaker, designed to uncover the full emotional depth and detail of music.

It delivers this through the same seven design principles found in every Stratton Acoustics loudspeaker:

- Low distortion
- High sensitivity
- Flat frequency response
- Wide bandwidth
- Easy-to-drive impedance
- Huge dynamics
- Ultra-rigid cabinet structure

At its core is an 8 inch midbass driver, with a carbon fibre cone and ceramic magnet, engineered to reproduce music with maximal dynamism, speed, weight, and control.

High frequencies are reproduced by our patented, isolated 29mm soft dome tweeter; waveguide-loaded for high efficiency and seamless integration. It delivers clarity and extension without harshness; detailed but never distracting.

The cabinet is built from a reinforced acrylic polymer composite, internally braced and designed using advanced CAD and FEA modelling. It's engineered to stay acoustically silent, allowing the drivers to sing - with no coloration or energy loss from the enclosure.

Deep bass is managed through a single rear-firing reflex port, venting into the air volume behind the speaker.

THE HIGHLIGHTS:

- 8 inch carbon fibre midbass driver incorporating ceramic magnet architecture and demodulating rings
- Patented isolated waveguide loaded tweeter (29mm soft dome)
- Reinforced acrylic polymer composite cabinet construction
- Single rear firing reflex port
- Internal variable geometry reflex duct with denoise filters
- Double sided precision crossover with high tolerance and high specification components throughout
- 15mm thick CNC machined aluminium front and rear baffles for rigid, resonance-free driver mounting
- Optional loudspeaker stands with matching CNC machined top and base plate

GLOSSARY WARNING SYMBOLS & WORDS

The following warnings, symbols and warning words are used in this document:



The general danger symbol in combination with the warning words **CAUTION**, **WARNING** and **DANGER** warns of the risk of serious injury. Follow all of the subsequent instructions to avoid injury or death.



The flash symbol in combination with the warning word **DANGER** warns of a life-threatening electrical voltage.



This warning symbol in combination with the warning word **CAUTION** warns of high-intensity sound.



ATTENTION:
indicates a hazard that could damage or destroy the device.



CAUTION:
indicates a hazard that poses a low or moderate risk of injury.



WARNING:
indicates a hazard that could cause serious injury or death.



DANGER:
indicates a hazard that will result in immediate death or serious injury.

IMPORTANT NOTES



CAUTION! RISK OF INJURY TO CHILDREN

This device poses various injury risks if used improperly. This device is not intended for use by children.

- Never leave your children alone with the device unattended.



OPENING THE LOUDSPEAKERS

There are no parts inside the device that can be serviced by the user.

- Do not open the loudspeakers.



DANGER!

Dangerous voltages The speaker outputs of a power amplifier may carry potentially fatal voltages.

- Do not touch the speaker connectors on the device and loudspeaker.



CAUTION! HIGH-INTENSITY SOUND

Loud output signals can damage your hearing.

- Set the connected amplifier to a low volume before switching it on.
- Avoid listening at high volume levels for long periods of time.



UNPACKING YOUR LOUDSPEAKERS



1. Carefully remove the loudspeakers from the packaging.

ATTENTION! DAMAGING THE HOUSING

To avoid damaging the housing, do not use any pointed or sharp objects to open the packaging.



CAUTION! RISK OF INJURY DUE TO HEAVY WEIGHT

The loudspeaker is very heavy and can cause injuries when falling.

The device should only be unpacked and set up by persons who are experienced in handling heavy loads.

If necessary, have a second person help you unpack and set up the speakers.



2. Remove all the packaging materials and padding from the device.

WARNING! SUFFOCATION HAZARD!

Remove the packaging from the vicinity of children.

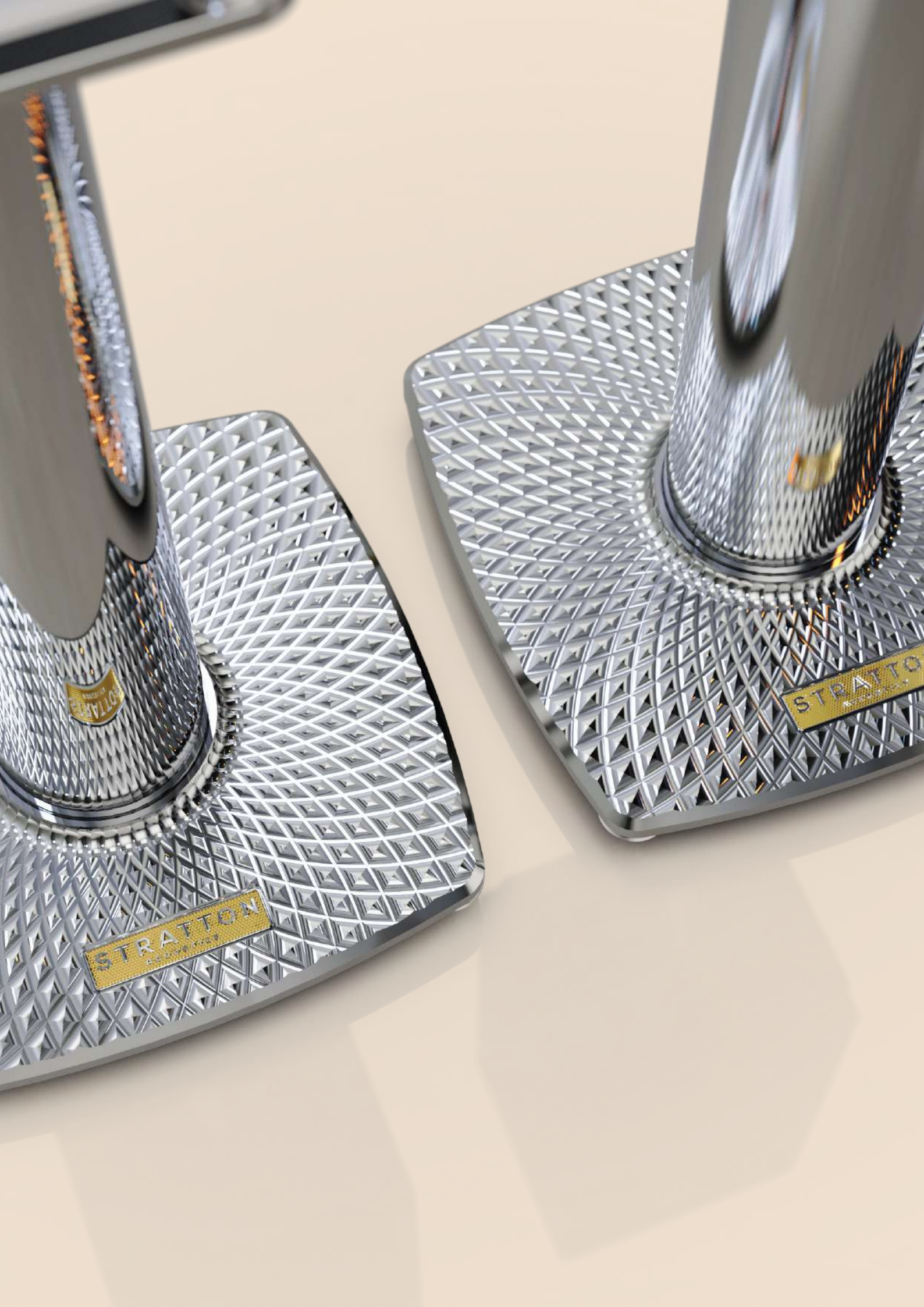
3. Keep the packaging for later transport.

SCOPE OF DELIVERY

Each Element 6 pair includes:

- 2 x Element 8 loudspeakers (boxed)
- 2 x Element 8 tailored dust covers
- 2 x Element 8 loudspeaker stands (optional)
- Operation manual
- Warranty certificate

Please inspect all items for completeness and damage. If anything is missing or appears damaged, contact your dealer before proceeding.



OVERVIEW OF THE ELEMENT 8

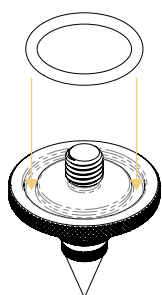


1	Isolated tweeter
2	Midbass driver
3	Connection plate
4	Bass reflex port

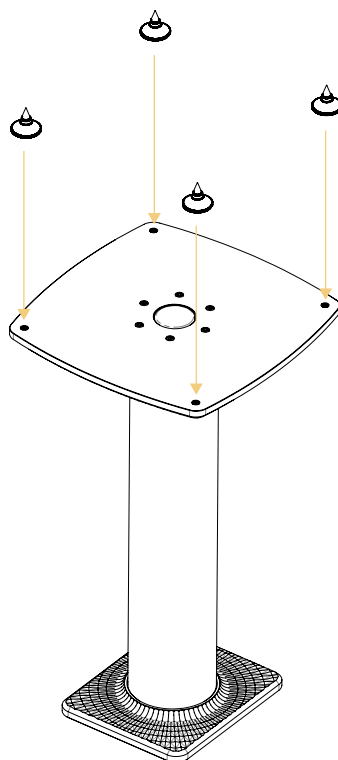




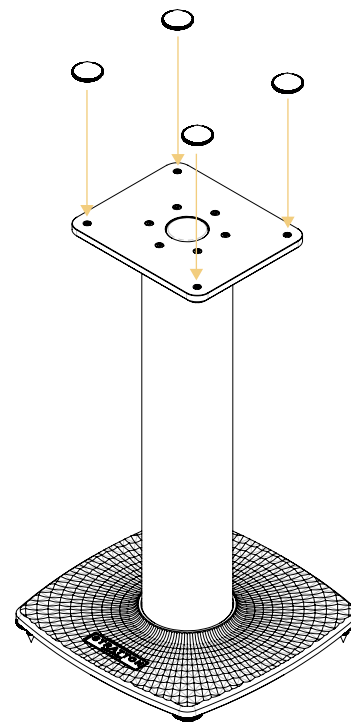
ELEMENT 8 STAND ASSEMBLY



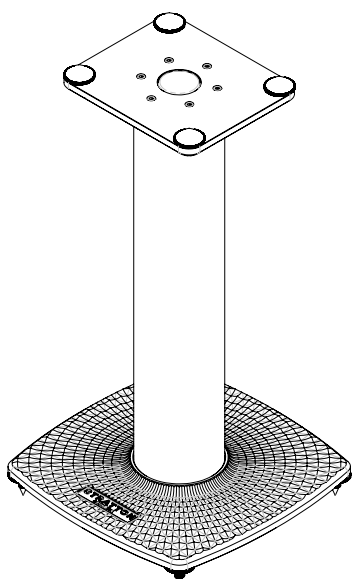
1. Place the O-ring into the recess on each of the 4 isolation feet.



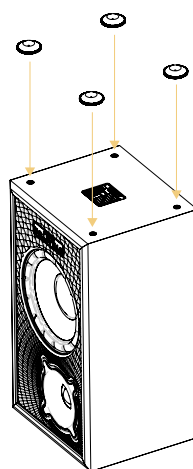
2. Turn the stand upside down and screw the 4 x isolation feet into the base plate until the O-rings contact the speaker base plate. Tighten with an extra 1/8th of a turn.



3. Turn the stand the right way up and screw the 4 x isolation spikes into the top plate.

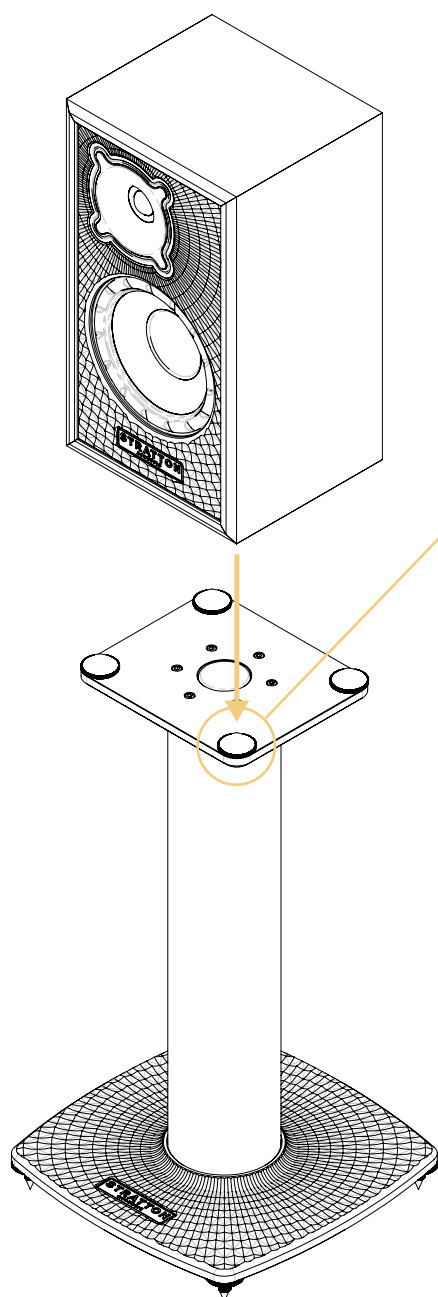


4. Move your speaker stands to your desired location.



WARNING RISK OF SERIOUS INJURY DUE TO HEAVY WEIGHT

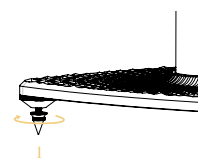
5. Carefully turn the speaker upside down and screw the 4 x isolation bases into the base of the speaker.



Upper body

Collar

Bass



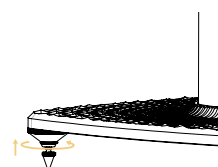
7. Wind the base of the spike to the left to lengthen. Do this for any affected feet until the speaker is solid.



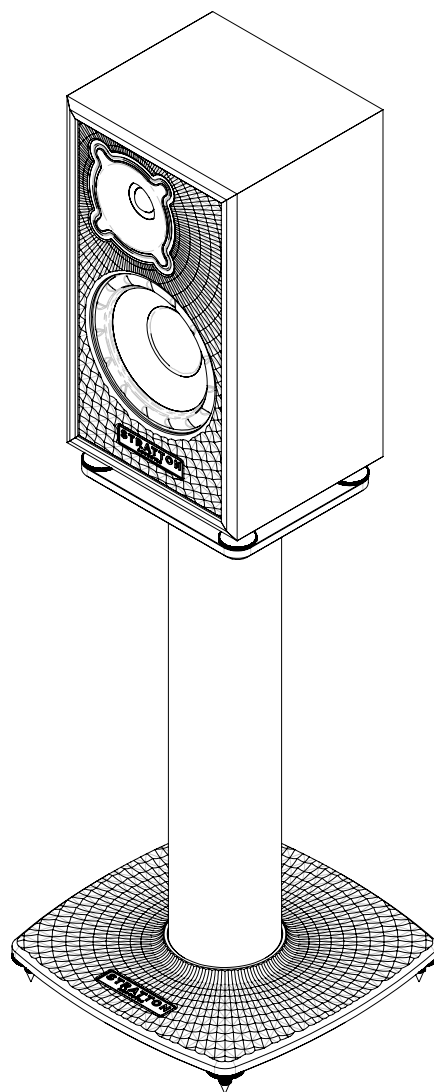
WARNING RISK OF SERIOUS
INJURY DUE TO HEAVY WEIGHT

6. Carefully turn the speaker so the tweeter is uppermost and place it onto the stand, locating into place using the isolation spikes.

Your speaker should feel completely solid with no movement. If there is a slight rock, you can adjust the stand spikes to ensure your speaker is secure.



8. Wind the collar to the right and tighten it against the upper body to lock the position.



9. Connect your Element 6's to your chosen equipment and enjoy.

ROOM INTERACTION

All loudspeakers, even those as robustly constructed as the Element 8's, radiate energy not just forward, but to the sides and rear, especially at lower frequencies. This means your listening environment including the furniture, floor coverings, the ceilings and even the wall decorations contribute to what you hear.

Positioning speakers too close to room boundaries can cause reverberation that can disrupt the flat frequency response, accuracy and imaging of your Element 8's. Even when spaced correctly, the materials around your speakers matter. A wall of heavy curtains will reflect sound differently than bare plaster. A hardwood floor will behave differently to thick carpet.

Try to keep the environment around each speaker as symmetrical as possible. Matching materials and surfaces on either side will help preserve a stable stereo image.

For best performance, we recommend placing each speaker at least 1.0 metre from any wall. This helps reduce boundary-related colouration and allows the speaker's natural balance to come through.

Angling the speakers inward isn't required as the Element 8's are voiced to offer the flattest frequency response when installed parallel, but depending on your room, it may adjust the imagine and high frequency response to be more to your taste. Experiment gradually and listen for the moment the image "locks in."



ELEMENT 8 INSTALLATION

LOCATION



ATTENTION! Improper placement may affect stability or performance.

Consider the following points when choosing where to position the device:

- Use indoors only.
- Avoid heat, moisture, and direct sunlight.
- Keep away from liquids and open flames.
- Place only on flat, solid surfaces.



CAUTION! RISK OF INJURY DUE TO TIPPING OVER

If used improperly, your loudspeaker may tip over. Always place the loudspeakers on a flat, sturdy surface. Make sure that the loudspeaker is always exactly level.

POSITIONING

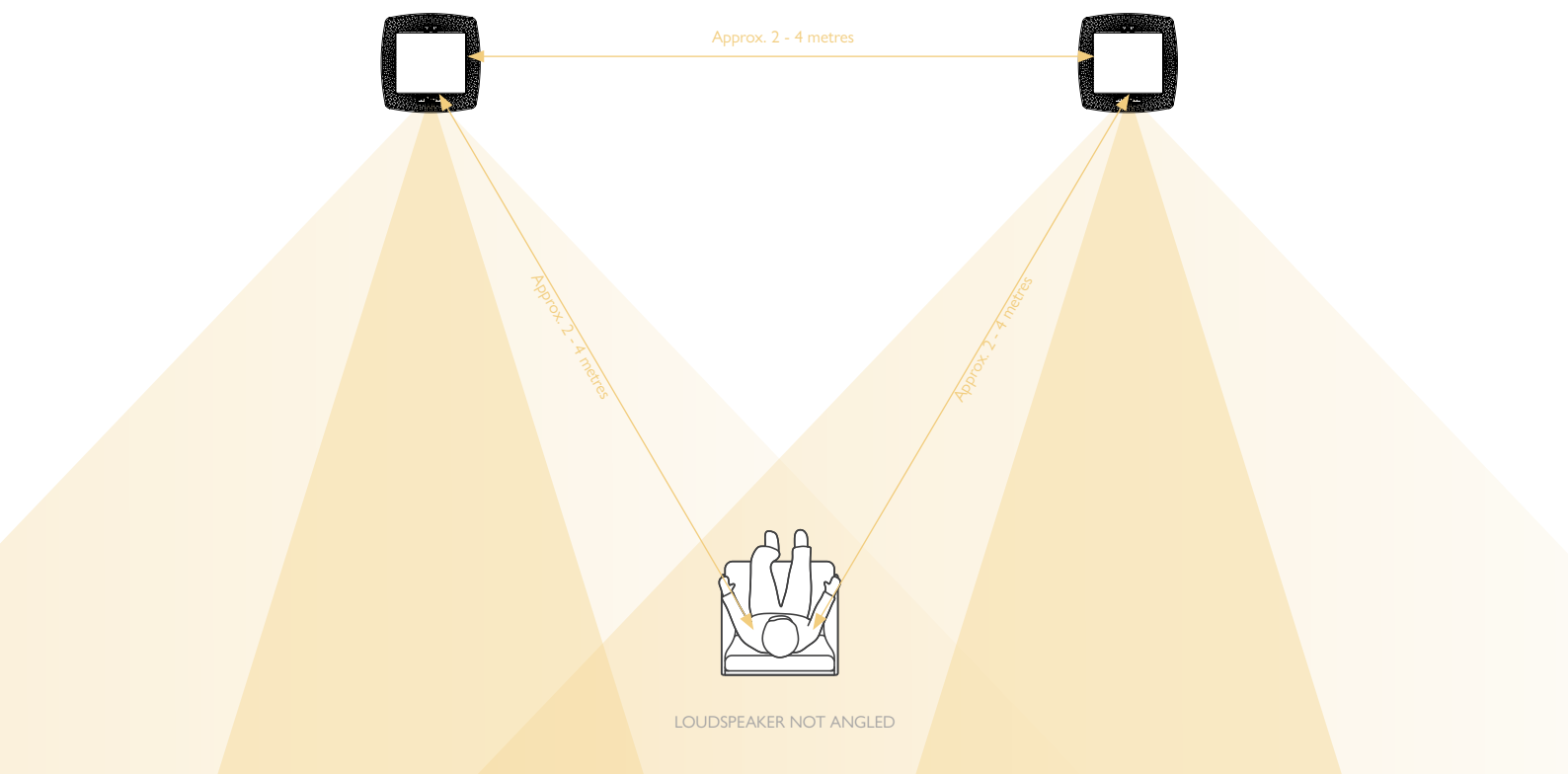
At Stratton Acoustics, we believe speakers should complement your space, not dictate it. The Element 8 is designed for smaller listening environments and to perform with minimal placement demands, but like any high-performance loudspeaker, positioning makes a difference.

Every room is different. Furniture, surfaces, and layout all affect how music sounds. Take time to experiment. Small adjustments can unlock greater clarity, scale, and focus.

PARALLEL POSITIONING

WALL

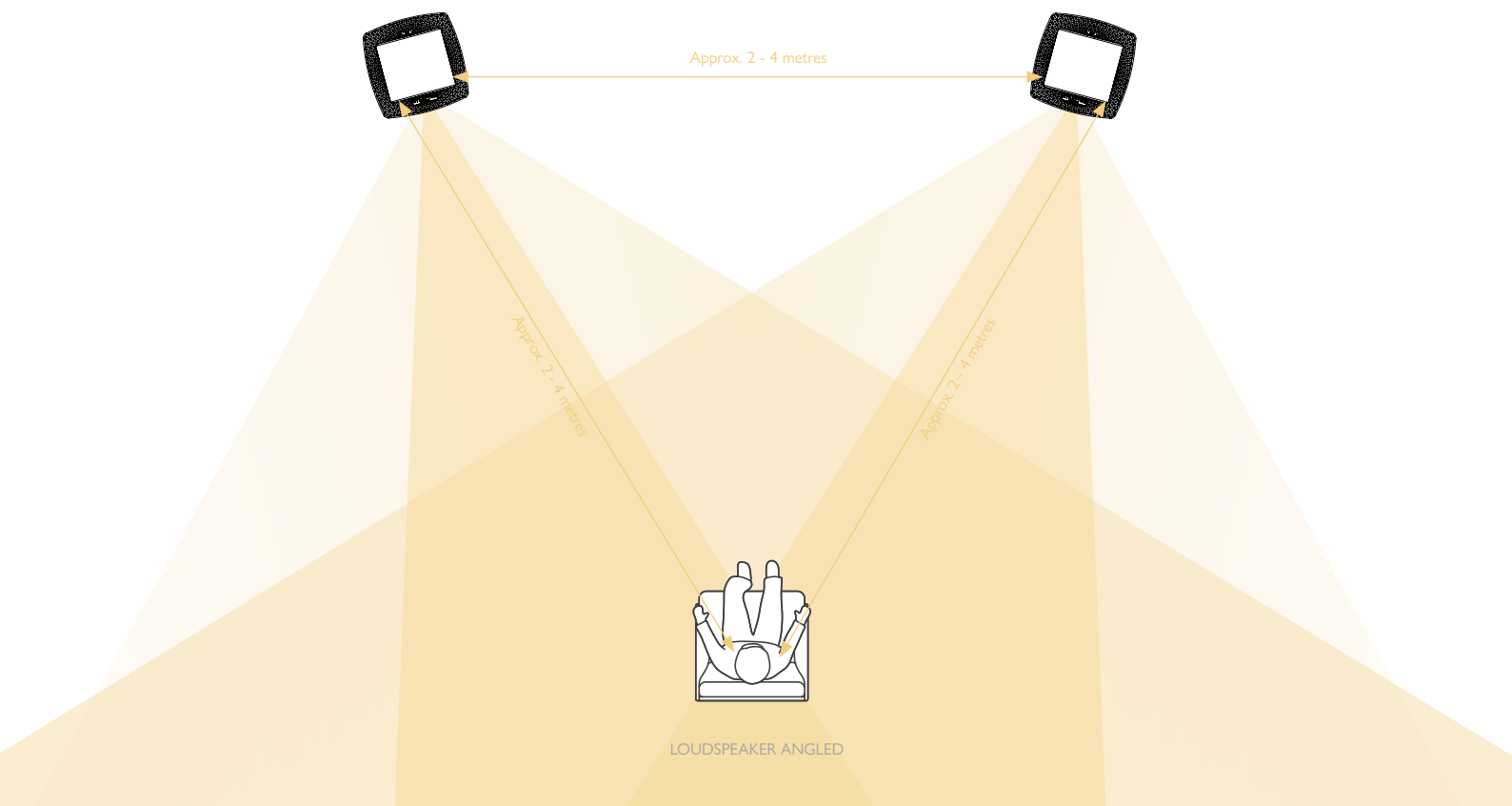
Your Element 8 loudspeakers have been designed to have the flattest frequency response when placed parallel to the listening position as shown.



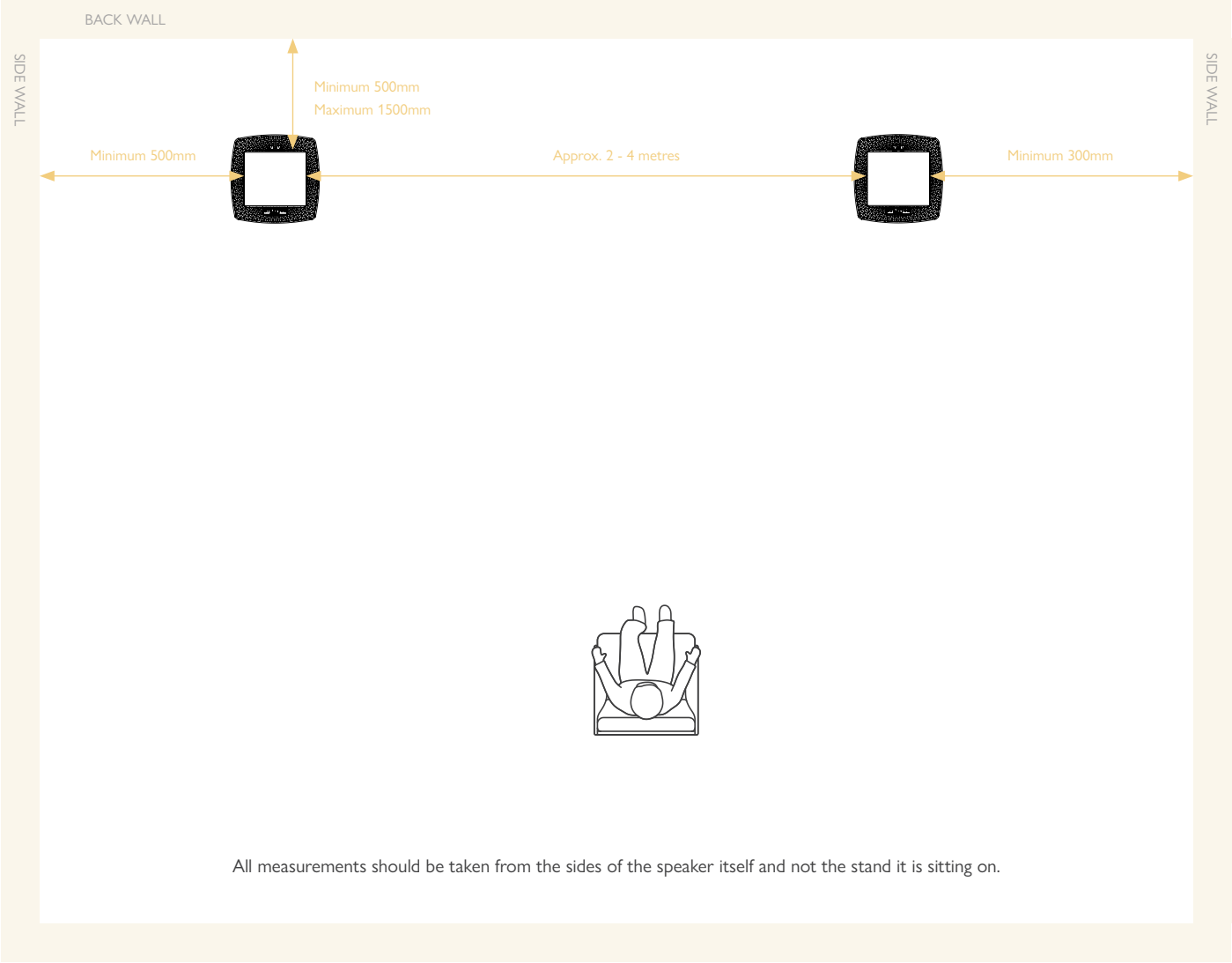
ANGLED POSITIONING

WALL

If your room is heavily damped and you find that you would like a sound with more high frequency sparkle, air and presence, you can toe the speakers towards the listening position as shown. This may also improve imaging, however this is subjective so let your ears guide you.

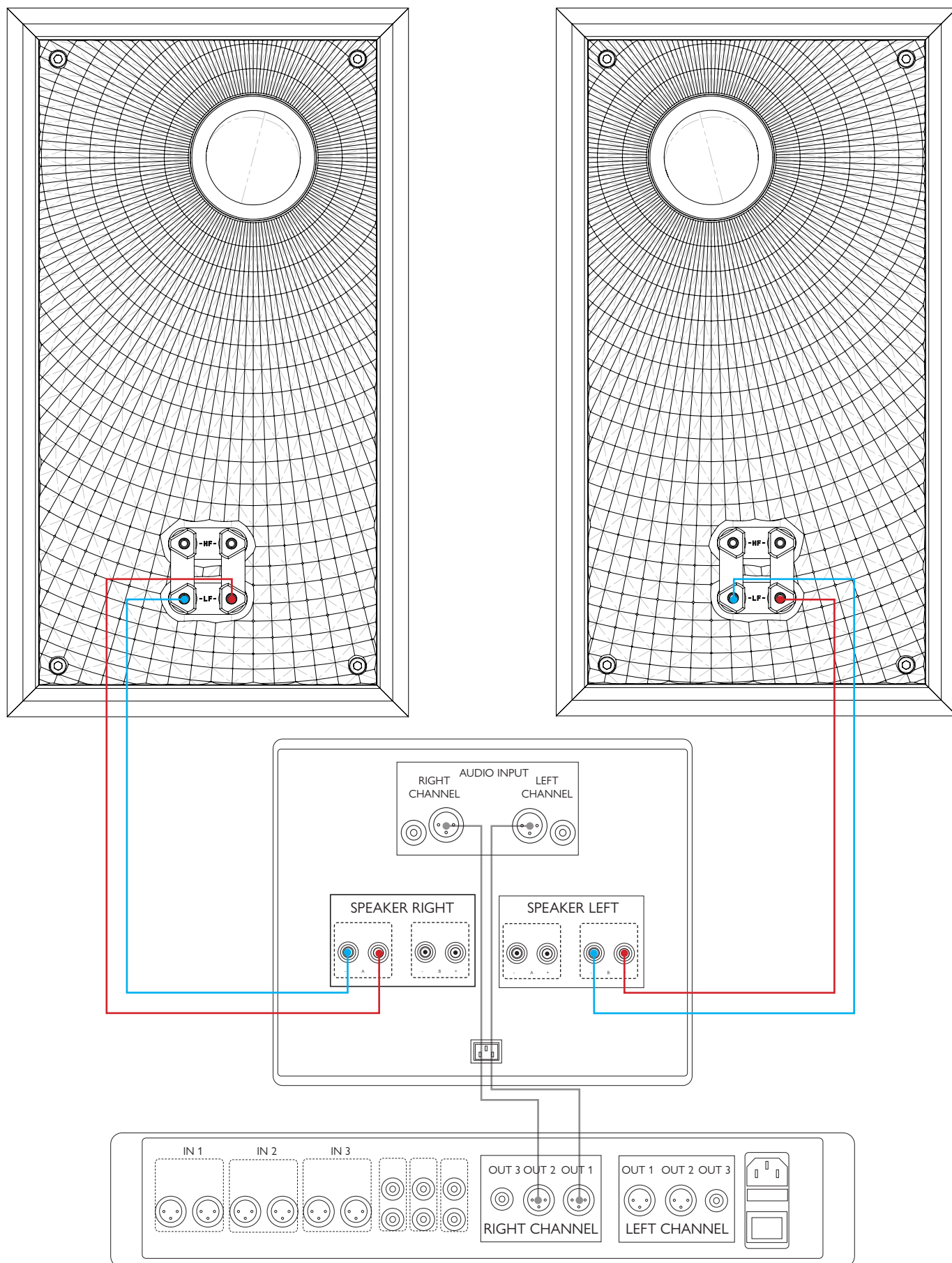


ROOM POSITIONING

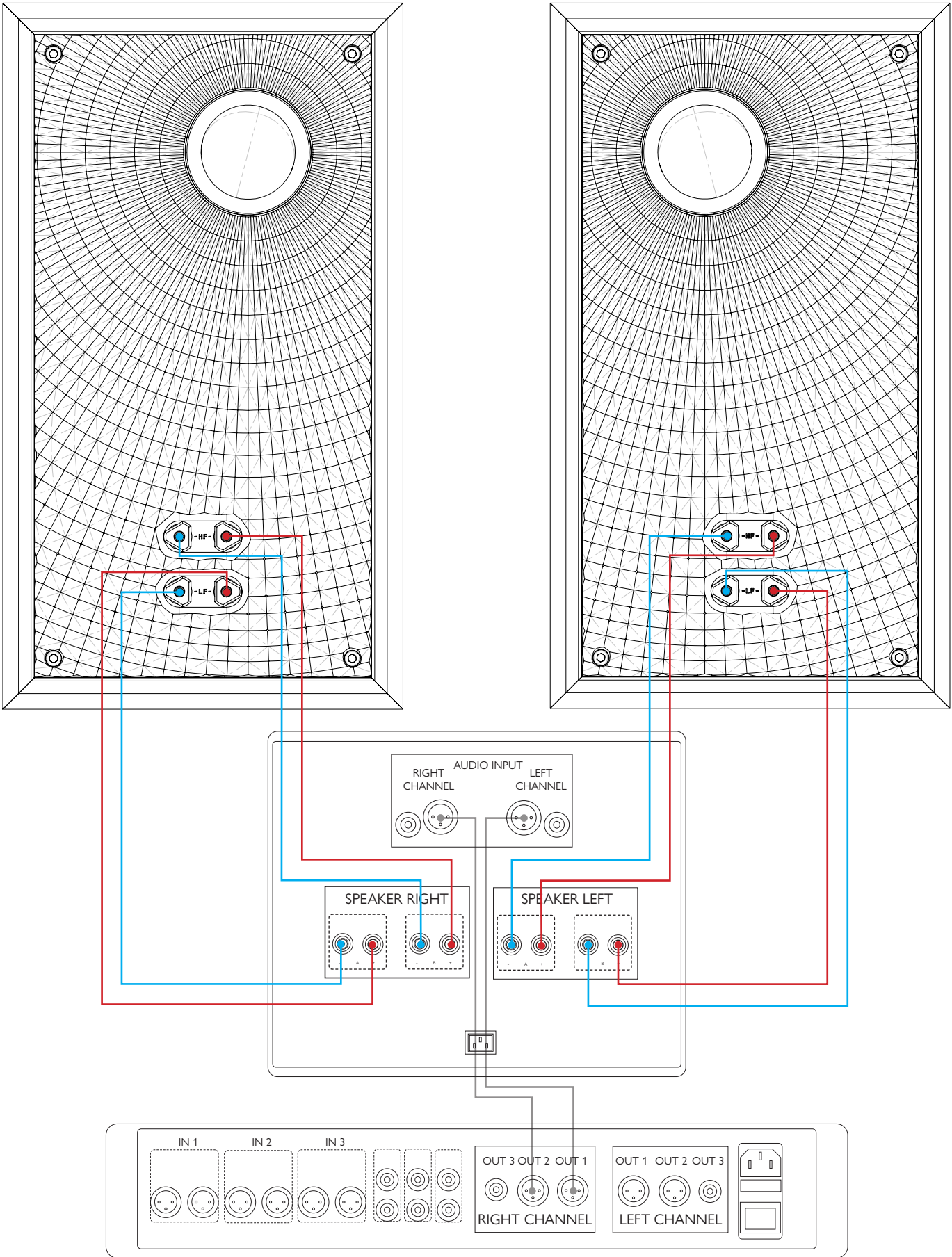


CONNECTING YOUR LOUDSPEAKERS

SINGLE WIRE CONFIGURATION

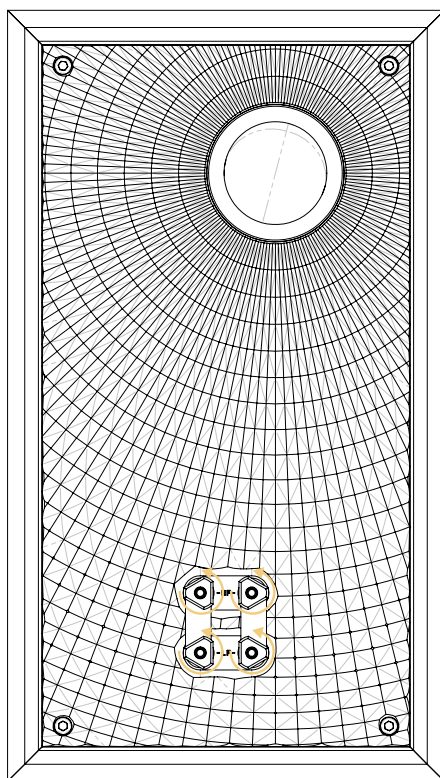


BI-WIRE/Bi-AMP CONFIGURATION

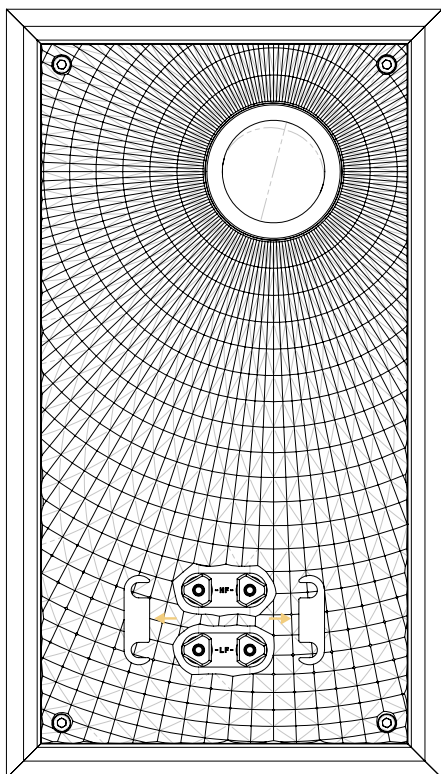


REMOVAL OF THE CONNECTION PLATES

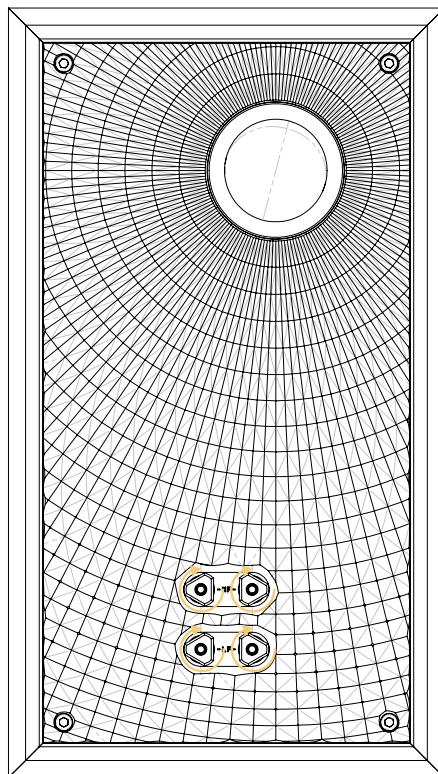
If you would prefer a Bi-Wire/Bi-Amp configuration, the connection plates can be removed.



1. Remove the 4 binding post caps by turning each one to the left.



2. Slide off the 2 connection plates.



3. Replace the caps by turning them to the right to screw them back onto the posts.



SPEAKER CABLES

Specialist cables aren't essential, but well-made, properly specified ones will help your system deliver its best.

Your Stratton Acoustics retailer can advise on options that best match your electronics and system.

TERMINALS

The Element 6 accepts 4mm banana plugs or spade terminals, which fit directly into the rear terminals. Please hand tighten as doing so can help prevent mechanical noise or vibration and doing so will help maintain a stable electrical connection.

CONNECTING THE LOUDSPEAKERS



ATTENTION! Turn off all components of your hi-fi system before connecting the loudspeakers.

Connect the cables from the left speaker to the left-channel amplifier terminals and the cables from the right speaker to the right-channel amplifier terminals as shown in the diagram.

If at any point you are unsure of how to connect up your speakers, please get in touch with your dealer or with Stratton Acoustics directly.

WIRING

- Always power down your system before connecting.
- Use a 2-pole cable for each speaker.
- Ensure correct polarity: Amp (+) to Speaker (+), Amp (–) to Speaker (–)
- Recheck all connections before powering up.



ATTENTION! Make sure your amplifier is turned down to a low volume before turning on.

PRODUCT WARRANTY

Every Stratton Acoustics product is built to an uncompromising standard. From material selection to final assembly, each component is tested, refined, and carefully considered. Your Element 8 loudspeakers have passed a full inspection before leaving our facility, and we stand behind them.

We offer a lifetime, transferable, limited manufacturer's warranty on all Stratton Acoustics loudspeakers, covering defects in materials or workmanship. It does not cover misuse, external damage, wear and tear or failure caused by faulty use and installation. To maintain coverage, the loudspeakers must be correctly installed, not overloaded, and their mechanical integrity must remain intact. Opening the enclosure voids the warranty.

All claims must include proof of purchase. If service is required, it must be arranged directly with Stratton Acoustics.

If your product is outside warranty for whatever reason and you need assistance please always get in contact through your local Stratton Acoustics dealer or contact us directly.

LOUDSPEAKER CARE

Stratton Acoustics speakers require no special treatment - only the same care you'd give to any valuable item.

- Use a soft, dry or lightly damp cloth to clean cabinet surfaces.
- Avoid touching the tweeter dome.
- Dust drivers gently with a soft brush.
- Never spray cleaners directly. Apply to cloth if needed and never to tweeter domes or midbass drivers.
- Always test any cleaner on an inconspicuous area first.
- Never allow liquids to reach the driver diaphragms.

PRODUCT DISPOSAL

Do not dispose of Stratton Acoustics products with regular household waste.

Please return them to Stratton Acoustics or an authorised centre for correct disassembly and disposal.

Please recycle your Stratton Acoustics packaging:

Cardboard - widely recycled

PET Foam - Not widely recycled, check locally

ELEMENT 8 SPECIFICATIONS

Type	Reflex loaded two-way passive loudspeaker
Cabinet	Reinforced acrylic polymer composite carcass with aluminium front and rear baffles
Midbass Driver	200mm (8 inch) carbon fibre diaphragm
High Frequency Driver	29mm (1.2 inch) waveguide loaded soft dome
Crossover	Two-way with third order filter slopes
Crossover Frequency	1.4kHz
Frequency Response	50Hz to 20kHz (± 1 @2dB)
Low Frequency Cut-off	-6dB @ 43Hz
Midband Sensitivity	90dB @ 1m for 2.83V
Max SPL	106dB @ 1m
Nominal Impedance	8 Ω
Group Delay	<10mS above 50Hz
Amplifier Compatibility	10 watts minimum
Connections	Bi-wire/Bi-amp custom binding posts
Weight (per speaker & stand)	29.5kg
Width	255mm without stand, 360mm with stand
Height	450mm without stand, 1095mm with stand
Depth	251mm without stand, 360mm with stand

Subject to technical changes without notice





