

Q Acoustics 3020c

Q Acoustics 3020c Bookshelf Speakers

Model: 3020c | Brand: Q Acoustics

INTRODUCTION

The Q Acoustics 3020c bookshelf speakers are designed to deliver dynamic and powerful audio performance within a compact form factor. These standmount speakers are engineered to integrate seamlessly into your living space while providing a rich listening experience for your favorite music and home theater systems.

Key design elements include the C3 Continuous Curved Cone profile for enhanced bass dynamics and smooth integration with the high-frequency driver, and a hermetically sealed tweeter unit mechanically isolated from the baffle to prevent vibrations, ensuring a clearer, more natural sound reproduction.

The speakers also incorporate Point to Point (P2P) bracing, a technology derived from higher-end Concept series, which minimizes cabinet vibrations to improve soundstage performance.

WHAT'S IN THE BOX

Upon unpacking, please ensure all components are present:

- 2x Q Acoustics 3020c Passive Bookshelf Speakers (approx. 12.1 lbs each)
- 2x Speaker Grilles
- 2x Foam Bungs
- 1x User Manual (this document)

Each speaker measures approximately H11.0 x W6.9 x D11.1 inches (279 x 175 x 281 mm).

SETUP

Speaker Placement

Proper speaker placement is crucial for optimal sound performance. Consider the following guidelines:

- **Distance from Walls:** For best bass response, position the speakers a short distance from the rear wall. The included foam bungs can be inserted into the rear port if speakers must be placed closer to a wall, to adjust bass output.

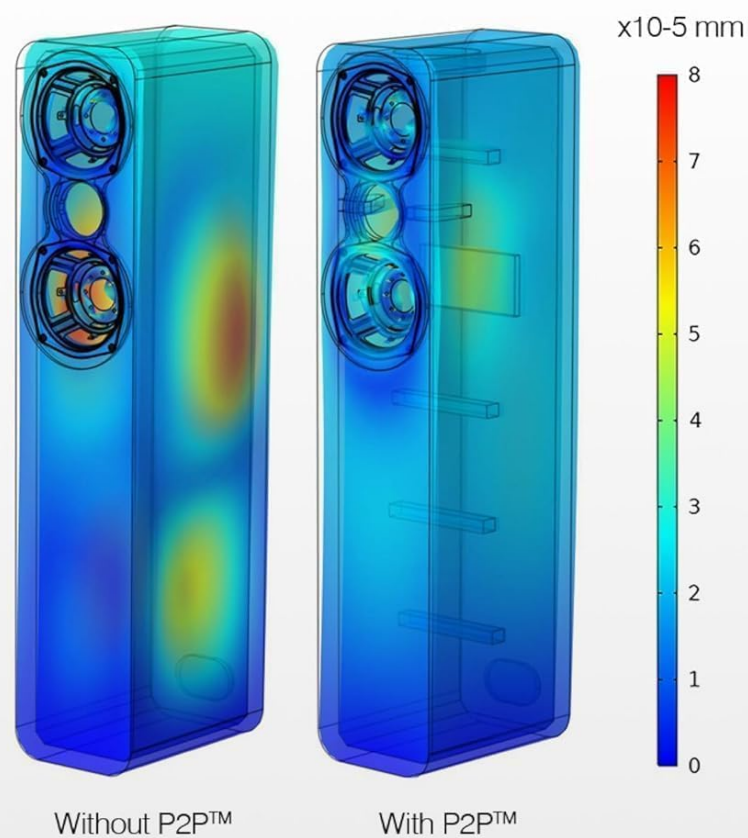
- **Stereo Imaging:** Place the speakers equidistant from your primary listening position, forming an equilateral triangle.
- **Height:** Position the tweeters at approximately ear level when seated in your listening position. This can be achieved using appropriate speaker stands or sturdy shelves.





Image: A Q Acoustics 3020c bookshelf speaker in Claro Walnut finish, mounted on a black speaker stand, demonstrating typical placement.

Displacement at 474 Hz



Stunning soundstage

Point to Point™ (P2P™) bracing minimises vibrations to enhance the soundstage performance.

Image: A Q Acoustics 3020c bookshelf speaker in Claro Walnut finish, placed on a white shelf next to a turntable, illustrating a common home setup.

Connecting Speakers

The 3020c speakers are passive and require connection to an amplifier or receiver using speaker cables. Ensure your amplifier is turned off before making any connections.

- Identify the positive (+) and negative (-) terminals on both your amplifier and the speakers. The speaker terminals are color-coded: red for positive and black for negative.
- Connect the positive (+) terminal of the amplifier to the positive (+) terminal of the speaker.
- Connect the negative (-) terminal of the amplifier to the negative (-) terminal of the speaker.
- Ensure all connections are secure to prevent short circuits or poor sound quality.

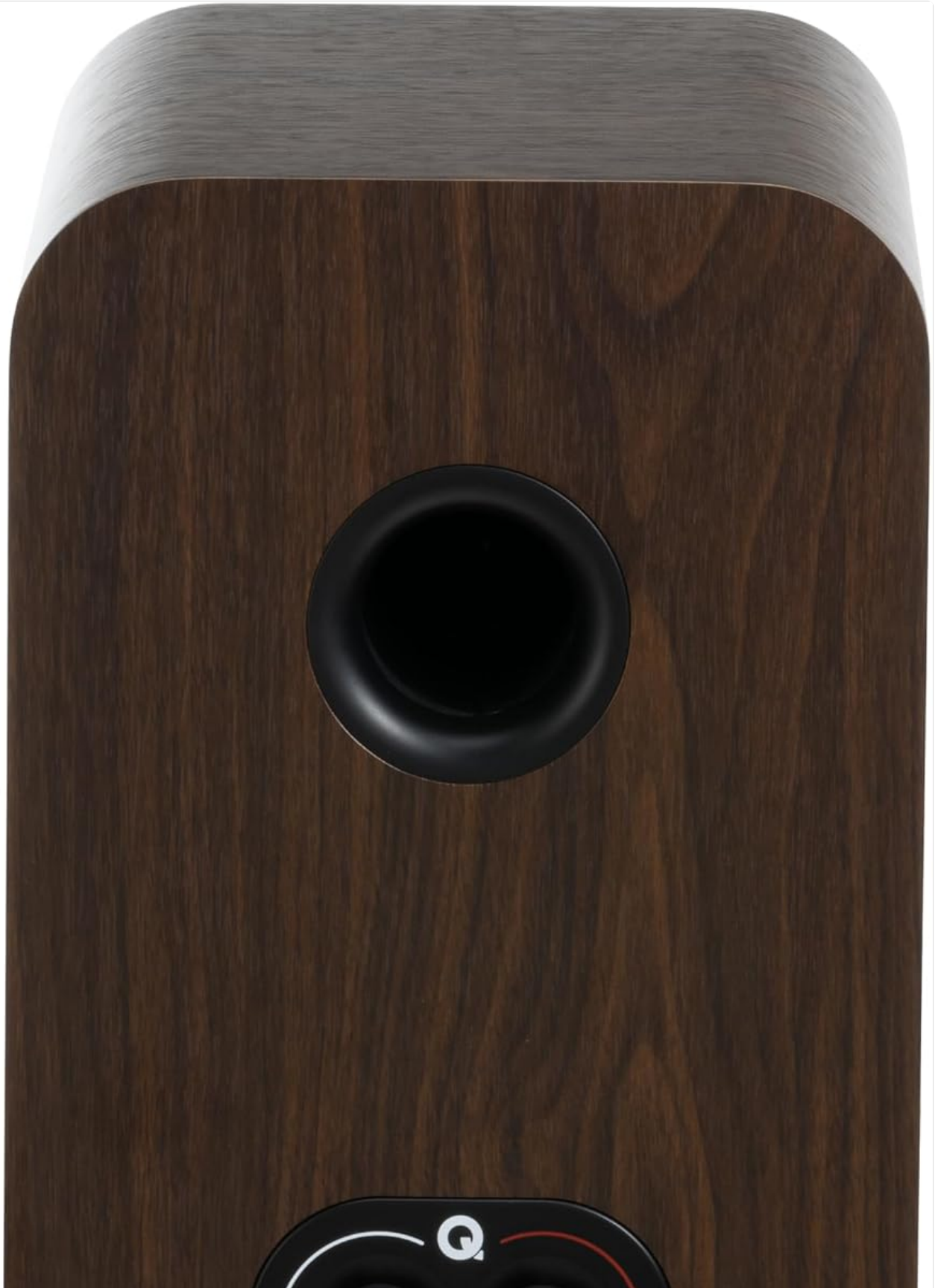




Image: Rear view of the Q Acoustics 3020c speaker, highlighting the bass reflex port and the red (+) and black (-) speaker terminals for amplifier connection.

OPERATING

Basic Operation

Once the speakers are correctly connected to your amplifier or receiver, you can begin playback. Ensure your amplifier's volume is set to a low level before starting playback and gradually increase it to a comfortable listening level.

- The Q Acoustics 3020c speakers are designed for stereo audio output.
- Recommended amplifier power is between 25-90 W per channel.
- The nominal impedance is 6 Ω , with a minimum impedance of 3.7 Ω . Ensure your amplifier is compatible with these impedance ratings.

Advanced Technologies

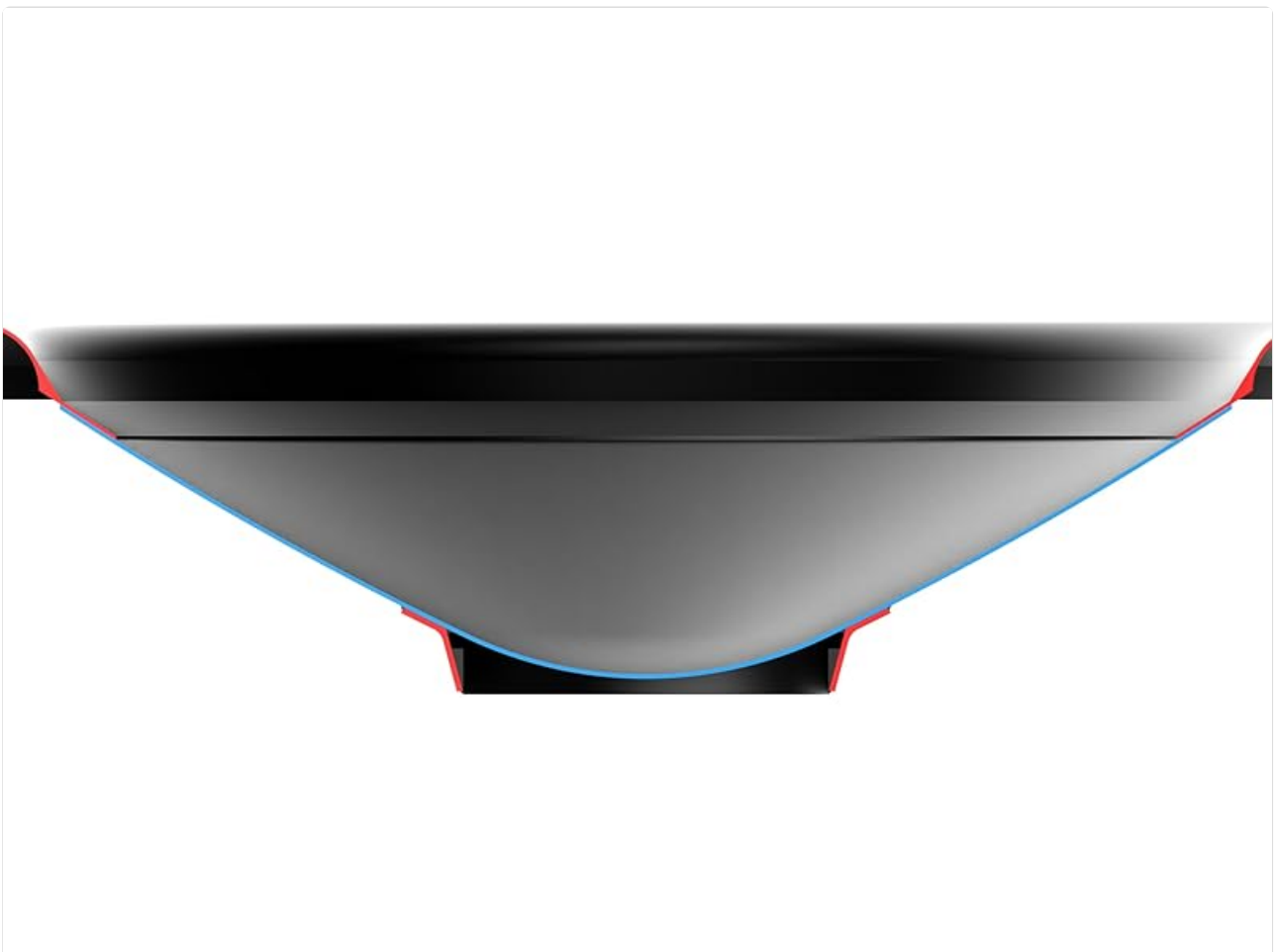


Image: A close-up view of the C3 Continuous Curved Cone driver, illustrating the advanced design for superior bass dynamics and smooth frequency integration.

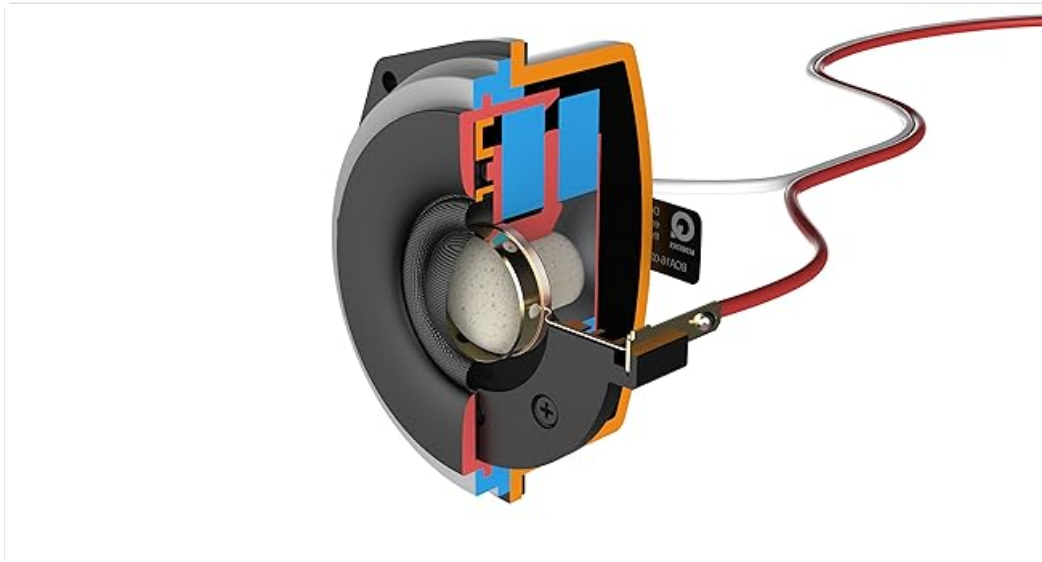


Image: A detailed view of the hermetically sealed tweeter unit, showing its isolation from the baffle to prevent unwanted vibrations and ensure clear high-frequency reproduction.

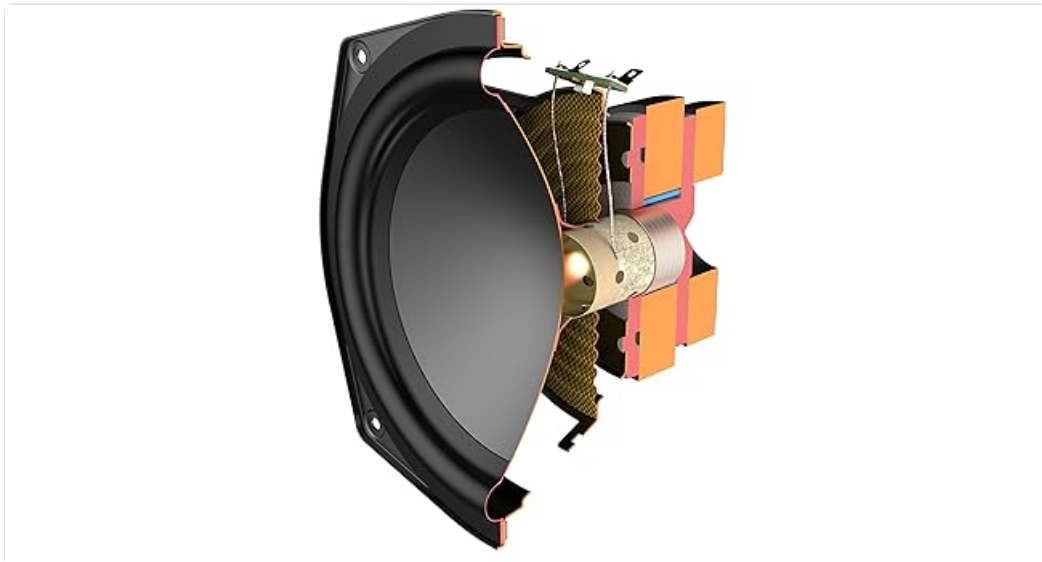


Image: A diagram demonstrating the Point to Point (P2P) bracing technology within the speaker cabinet, designed to minimize internal vibrations and enhance soundstage performance.

MAINTENANCE

To ensure the longevity and optimal performance of your Q Acoustics 3020c speakers, follow these maintenance guidelines:

- **Cleaning:** Dust the speaker cabinets regularly with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or polishes, as these can damage the finish.
- **Grilles:** The speaker grilles are removable. If they become dusty, gently brush them or use a low-power vacuum cleaner with a soft brush attachment.
- **Environment:** Avoid placing speakers in direct sunlight, near heat sources, or in areas with high humidity. Maintain a stable room temperature.
- **Connections:** Periodically check speaker cable connections to ensure they remain secure. Loose connections can lead to signal loss or degraded sound quality.

TROUBLESHOOTING

If you encounter issues with your Q Acoustics 3020c speakers, refer to the following common troubleshooting steps:

- **No Sound:**
 - Check all cable connections between the speakers and the amplifier/receiver. Ensure they are secure and correctly connected (positive to positive, negative to negative).
 - Verify that the amplifier/receiver is powered on and the correct input source is selected.
 - Ensure the volume on your amplifier/receiver is not set to minimum or muted.
- **Distorted Sound:**
 - Reduce the volume on your amplifier/receiver. Overdriving the speakers can cause distortion.
 - Check speaker cable connections for any loose strands or short circuits.
 - Ensure the amplifier's power output is within the recommended range for the speakers (25-90 W).
 - Inspect the speaker drivers for any visible damage.
- **Uneven Sound (one speaker louder/quieter):**
 - Check the balance settings on your amplifier/receiver.
 - Verify that both speakers are connected correctly and securely.
 - Ensure speakers are placed symmetrically in the room.

If these steps do not resolve the issue, please contact your retailer or Q Acoustics customer support for further assistance.

SPECIFICATIONS

Feature	Specification
Brand	Q Acoustics
Model Number	3020c
Speaker Type	Bookshelf, 2-Way Reflex
Mid/Bass Unit	1 x 120 mm (4.75 in) C3 Continuous Curved Cone
Treble Unit	1 x 22 mm (0.9 in) Hermetically Sealed
Frequency Response (-6 dB)	60 Hz – 30 kHz
Nominal Impedance	6 Ω
Minimum Impedance	3.7 Ω
Sensitivity (1 m, 2.83 Vrms @ 1 kHz)	87.0 dB
Recommended Amplifier Power	25-90 W
Crossover Frequency	2.6 kHz
Effective Volume	6.9 L
Dimensions (HxWxD)	279 x 175 x 281 mm (11.0 x 6.9 x 11.1 in)

Feature	Specification
Weight (each)	5.5 Kg (12.1 lbs)
Enclosure Material	Wood
Audio Output Mode	Stereo
Connectivity Protocol	AUX, RCA (via amplifier)
Power Source	Corded Electric (via amplifier)

WARRANTY AND SUPPORT

The Q Acoustics 3020c Bookshelf Speakers come with a Full Warranty. For specific details regarding the warranty period and coverage, please refer to the warranty card included with your product or visit the official Q Acoustics website.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact your authorized Q Acoustics retailer or the Q Acoustics customer support team directly. Contact information can typically be found on the Q Acoustics website or your purchase documentation.

© 2026 Q Acoustics. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

