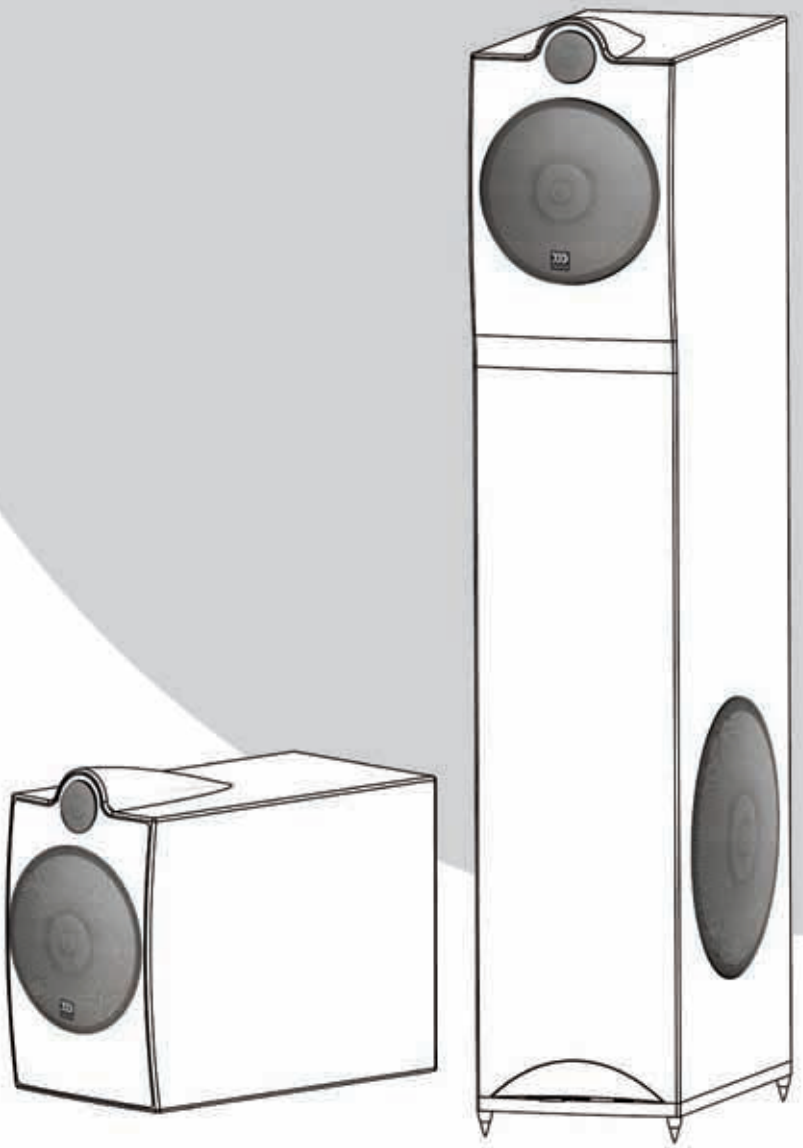
Octave 6 Series
USER MANUAL



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Dear Customer,

Thank you for choosing Morel Octave 6 speaker
The information in this manual will help you get the best possible performance out of your speakers.
If you have any questions, please contact your Morel dealer, or Morel Support at www.morelhifi.com.
Morel wishes you many years of musical enjoyment.

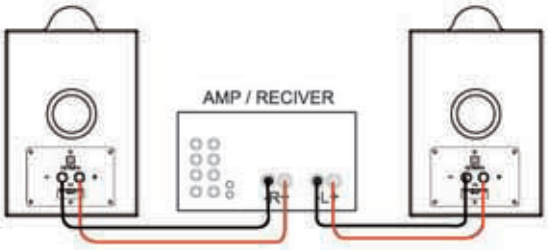
Octave 6 Speaker Design

The inspiration to design the Octave speaker line derives from our true love of music. With over 35 years of experience in designing and developing drivers and speakers, our aim has consistently been to recreate the incomparable sound of a natural, live music experience. For three intensive years, we focused our know-how and engineering resources to develop the Octave 6 speaker.

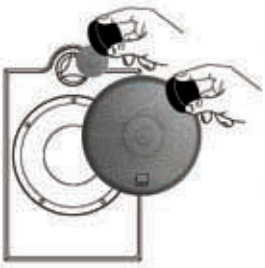
Connecting the Octave 6 Speakers

Connecting the Octave 6 Bookshelf, Octave 6 Floor-Standing, Please follow the provided illustration for proper connection and set up of your new speakers.

Connection options
Octave 6 Bookshelf Connection

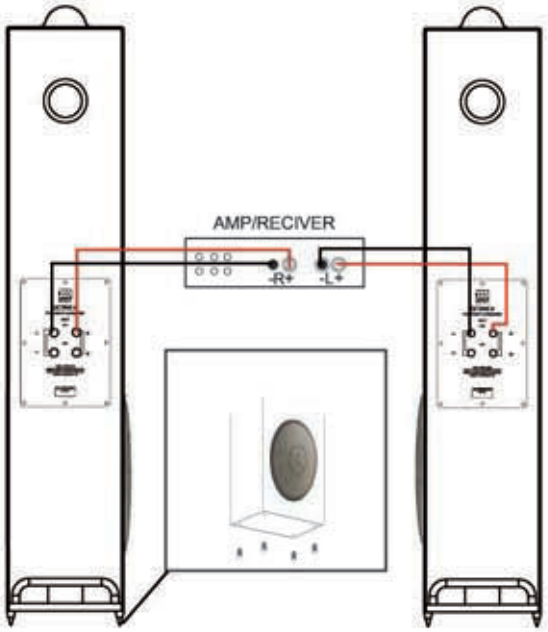


For best performance we recommend removing the protective grilles

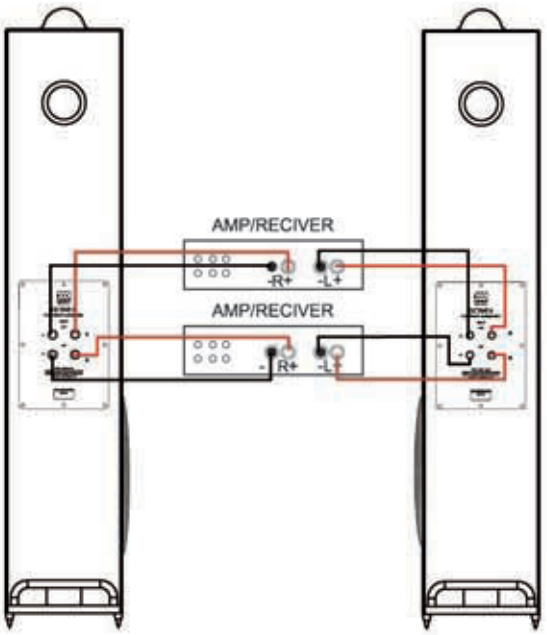


The grilles can be removed by using the magnet in the package for a more optimized sound.

Octave 6 Floor-Standing Connection



Octave 6 Floor-standing bi wire / bi amp connection



Break-in Period

As in any high-end speaker system, the Octave 6 speakers must be used for a short period of time before they reach peak performance.We recommend a 72-hour break-in period. Please keep this in mind when you initially evaluate the speakers.

Set up guidelines recommendation

1. Create a triangle where the distance between the speakers is $^2/_3$ of the distance shelf set up from the listener with the speakers facing straight forward.

2. Setting the bass:
Choose some music that has a double bass or a bass line that you can follow. Listen to the speakers and listen if one of these sounds appears:
Either the bass will sound bloated and fat or the speaker will sounds lean lacking in bass.

- If the bass sounds bloated then the speaker needs to be moved forward (we recommend 5cm at a time),until the bass plays a natural tune.
- If the sound is lean then the speakers need to be moved backwards towards the wall (we recommend 5cm at a time).

Once the optimum position for bass reproduction has been found tape a line across the room to mark the front line of the speakers.

3. Setting the sound stage:
To set the sound stage we need to change the music to something that has a lot of instruments in it. If the speakers have been moved either forward or backwards to find the correct bass they now should be repositioned on the line you made (with the tape) so that the distance between the speakers is $^2/_3$ of the distance from the listener.

Listen to the music and in small increments (about 2cm at a time) move the speakers closer together until a point is reached where the sound does not appear to come from the Octave 6 loudspeakers at all.

- Please note if the distance of the speakers becomes half of the distance to you, the listener, then the speakers have been moved too close together.

4. Toe in & leveling:
Angle the Octave 6 speaker towards the listener about 5 degrees.
Level the speaker making sure that it is standing vertical and isn't rocking on the spikes. For optimum sound quality, make sure the Octave 6 is leveled.

Recommended speaker placement & positioning

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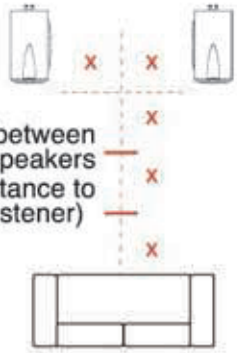

The distance between the Octave 6 speakers is $^2/_3$ of the distance to the sofa (the listener)

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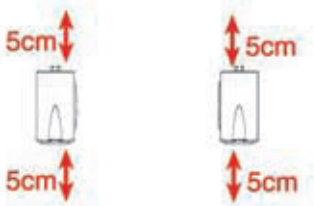

Adjust the bass

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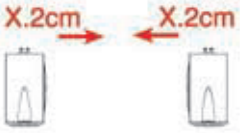

Move the speakers closer together (in small increments, about 2cm at a time) until the sound does not appear to come from the Octave 6 speakers all.

④

Angle the Octave 6 towards the listener up to 5 degrees

Octave 6 Series Specifications

SPECIFICATIONS	OCTAVE 6 BOOKSHELF
Type	2-way freestanding high-end loudspeaker
Construction	MDF polymer coated cabinet, gloss piano finish.
Acoustical Loading	Bass reflex with port located in line with centre of the woofer magnet No internal damping. Cabinet output is used as part of the reproduced sound
Drive Units	**Woofer:** 6"(160mm) rear-vented system. Uniflow™ Aluminum diecast chassis. Hybrid™ Neodymium/Ferrite magnet system. 3" Large Hexatech™ Aluminum voice coil. Titanium coil bobbin One piece integrated dome and surround cone, made of damped polymer composite. **Tweeter:** 1 1/8" (28mm) Acuflex™ Hand coated soft dome. Powerful Neodymium magnet system. Ferrofluid damped and cooled. Both drive units are shielded with low magnetic stray field
Frequency Response	20-22,000Hz (40-18,000Hz ± 1.5 dB)
Nominal Impedance	4 ohm
Nominal Power Handling	140W RMS
Peak Power Handling	1,000W 10m/sec
Sensitivity 2.83V/1M	89 dB
Crossover	2200 Hz / 12 dB octave
Dispersion	Within 1.5 dB - 18,000 Hz Horizontal: over 60° Vertical: over 20°
Dimension(W x H x D)	7.36" X 11.69" X 13.38" (14.44" with terminals) (187mm X 297mm X 340mm (367 with terminals))
Weight	7.3 KG
Finish	Black or white piano finish

SPECIFICATIONS	OCTAVE 6 FLOOR-STANDING
Type	3-way 4- unit floorstanding high-end loudspeaker
Construction	MDF polymer coated cabinet, gloss piano finish.
Acoustical Loading	Separate internal chambers for the midrange and both bass drivers **Bass**: Isobaric and port-loaded reflex system **Midrange**: Bass reflex with port located in line with centre of woofer magnet No internal damping. Cabinet output is used as part of the reproduced sound
Drive Units	**Bass:** Two 9" (222mm) flat-profile rear –vented woofers. 3" (75 mm) Hexatech™ aluminium voice coils. Hybrid (neodymium and ferrite) double magnet motor systems. One piece integrated dome and surround cone, made of damped polymer composite. **Midrange:** 6"(160mm) rear-vented system. Uniflow™ Aluminum diecast chassis. Hybrid™ Neodymium/Ferrite magnet system. 3" Large Hexatech™ Aluminum voice coil. Titanium coil bobbin One piece integrated dome and surround cone, made of damped polymer composite. **Tweeter:** 1 1/8" (28mm) Acuflex™ Hand coated soft dome. Powerful Neodymium magnet system. Ferrofluid damped and cooled. All units are shielded with low magnetic stray field
Frequency Response	20-22,000Hz (32-18,000Hz ± 1.5 dB)
Nominal Impedance	4 ohm
Nominal Power Handling	200W RMS
Peak Power Handling	1,000W 10m/sec
Sensitivity 2.83V/1M	90 dB
Crossover	250Hz/2200 Hz / 12 dB octave
Dispersion	Within 1.5 dB - 18,000 Hz Horizontal: over 60° Vertical: over 20°
Dimension(W x H x D)	7.3" x 37.75" X 13.38" (14.44" with terminals) (187mm X 959mm X 340mm (367mm with terminals))
Weight	23.5KG
Finish	Black or white piano finish

- Morel operates a product design improvement policy consequently specifications are subject to alterations without prior notice