



OCTAVE *Signature* / OCTWIN

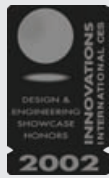




"Product of the Year"  
[AVREV.com](http://AVREV.com)

"...a loudspeaker for those looking to be seduced by the music's essence"  
[John Potis, Soundstage](#)

"...your guest might comment on how tasteful your interior design looks, as well as how good your music sounds."  
[Ben Shyman, Audio Revolution](#)





# Octave *Signature* Series.

Morel's award-winning Octave speakers have just gotten better.

The Octave Signature Series brings you the thrill, the acoustics and the dynamics of live performance, in a stunning architectural design that appeals to connoisseurs of sublime sound and aesthetics alike. Leveraging Morel's latest achievements in acoustic technology, the all-new Octave Signature Series brings every instrument, voice and effect to life with a clarity and transparency that transform your musical and cinematic experiences into true magic.

Retaining the Octave's sleek, attractive lines, contemporary design and elegantly chic look, the Signature Series introduces newly engineered innovations in handcrafted Morel drivers for true audiophile-grade 20hz-20khz coverage.

The Octave Signature Series is fully modular, with matching bookshelf, center and subwoofer speakers, to impeccably perform double service on both two-channel stereo and multi-channel home cinema. A dedicated subwoofer amplifier and minimalist solid metal stands round out the lineup.

Morel has compiled over 30 years of loudspeaker engineering experience to develop the acoustic and design achievement that is the Octave Signature Series. This tour de force is achieved leveraging external voice coil (EVC) technology with Hexatech™ aluminum coils that are three times larger than conventional speakers, powerful and compact neodymium and hybrid magnet motors, handcoated Acuflex™ silk-dome tweeters and the most advanced, quality materials.

The Signature Series is defined by enhancements to the tweeter and woofer drivers and crossover networks, all painstakingly developed and refined in the Morel labs. These technical achievements have further distilled Morel's unique acoustic qualities across the entire sound spectrum, producing a realism that has to be heard to be believed.

The Signature Series refined, natural sound enables the listener to pinpoint every instrument and every voice, and benefit from an extraordinarily wide vertical and horizontal soundstage. The 3dB increase in sensitivity expands the range of amplifiers and receivers suitable for the Octave Signature Series speakers.

The Octave Signature Series combines warm, natural music and voice reproduction with an emotionally stirring home theater experience that faithfully captures even the most complex and vibrant movie soundtracks!

The clean, contemporary lines and high gloss, 7-layer lacquer surface make a design statement befitting the highest architectural standards, lending an elegance to any room.

Morel's Octave speaker system has received industry acclaim and won the hearts of audiophiles seeking powerful performance coupled with daring design. The Octave Signature Series has just raised the bar to an entirely new level.

Step up to the Octave Signature Series by Morel, for great looks and natural, audiophile sound quality. Your music and movies will never sound the same again. The choice is all yours.



## Octave *Signature* Bookshelf.

Morel's R&D team sought to employ architectural elements in designing the Octave, to create a sophisticated and contemporary urbane design in an audiophile-grade speaker, and offer it at a reasonable price-point.

MDF speakers have inherent qualities that affect sound reproduction: notably sound coloration caused by resonance and vibration of the enclosure's side panels and the phenomenon of standing waves. In response, Morel developed the TRICO™ construction, which uses three layers of material to significantly reduce sound coloration.

The Octave Signature Series faithfully reproduces the natural sound of a live musical or cinema performance, to create an emotionally powerful listening experience. Available in piano finish black, white and red, the Octave Signature emits a sense of elegance and beauty, adding panache to any room.



# Octwin

What can be better than a Morel Octave speaker? Two of them!

Morel's unique, double-barreled architectural speaker delivers the acoustic depth and richness of multiple quality sound drivers firing in unison. This work of art is created by flipping an additional pair of Octave speakers on its head, while the specially developed Octwin stand synchronizes the higher frequencies to achieve the perfect audiophile experience.

The Octwin configuration has received resounding critical acclaim since its release, and continues to attract a loyal following of non-compromise audio enthusiasts.



## Octave *Signature* Floorstanding.

The Octave Bookshelf speakers are renowned for full-range sound reproduction, but add to them a matching pair of Octave Signature Subs to substantially enrich the low bass tones of the system, and turn the Octave Signature into a floorstanding speaker of exceptional beauty. The all-new audio drivers in the Octave Signature Subwoofers deliver enhanced and controlled, accurate bass frequencies with the quality, dynamic impact and fidelity of the original recording, placing you right at the heart of the action.

The Octave Sub is an isobaric subwoofer (dual 9" woofer configuration), with a rear-vented double magnet system and aluminum Hexatech™ voice coil that effortlessly reproduces deep bass power, complementing the Bookshelf speakers in both stereo and home theater settings. The Signature Amp provides dedicated power to these passive subs, bringing greater dynamics to your musical and cinematic experience.

The Octave Signature Floorstanding speakers include a pair of Octave Signature Bookshelf speakers, a pair of Octave Signature Subwoofers and the Signature Amplifier 250.





## Octave *Signature* Center *Signature* AMP 250.

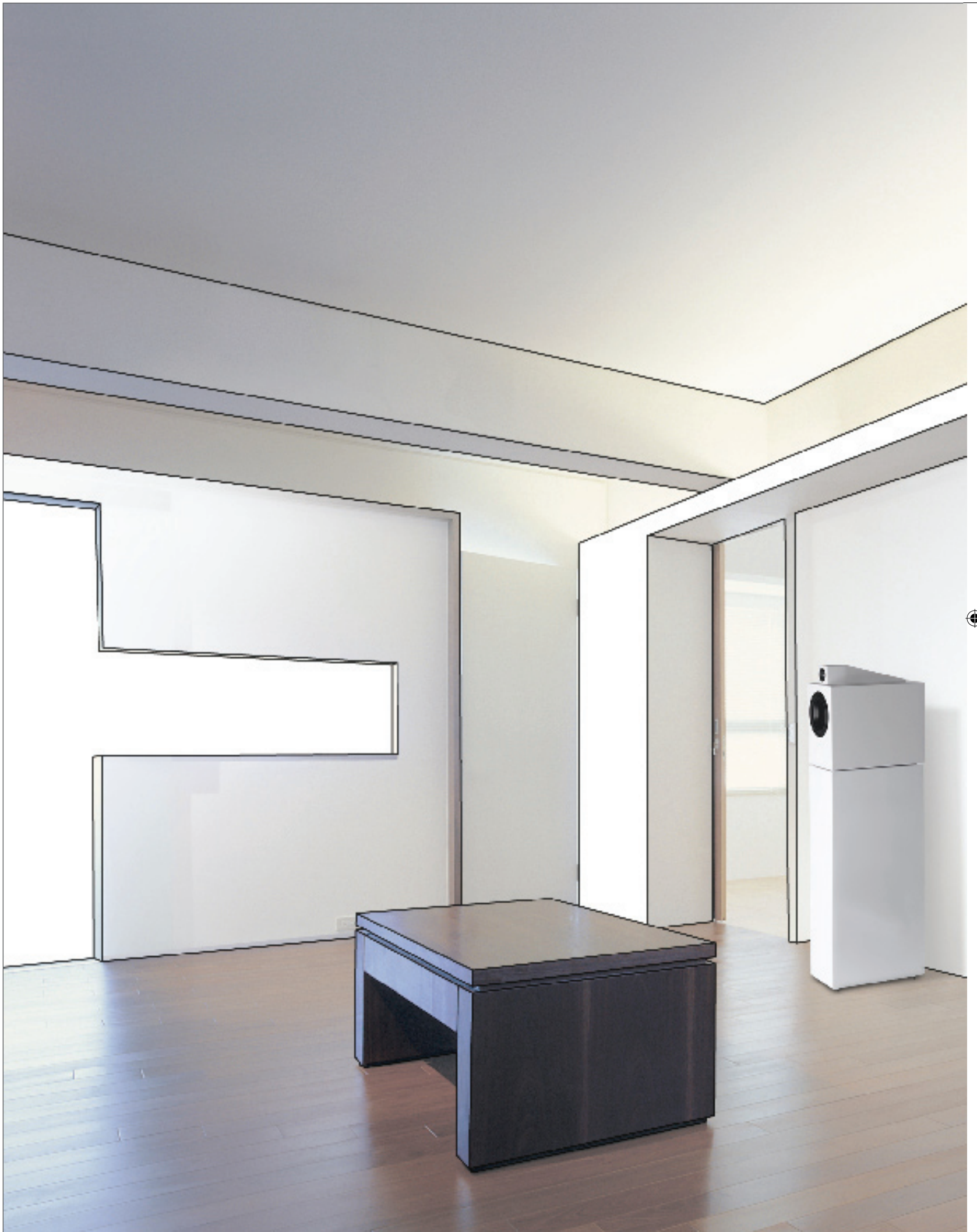
The Octave Signature full-range Center speaker consists of three 5-1/4" woofer units and Morel's trademark hand coated Acuflex™ silk-dome tweeter, producing dynamic reach and power handling for the most demanding music and sound effects, while capturing the details of even the softest whisper.

The Octave Signature Center has been upgraded with technological innovations that optimize accuracy and control and deliver tremendous dispersion over a wide listening area. The Octave Center integrates perfectly with the Octave system's drive units, possessing the same sound characteristics as the Signature Bookshelf speakers, with more powerful bass impact and higher power handling.

The matching Signature Amp drives the passive subwoofers to achieve the lows that round out and bring urgency to your musical and cinematic experience.

Morel's new Signature digital amplifier produces 250W RMS at 4ohm to achieve its unique flexibility and quality. This feature-rich amplifier matches the technological excellence of the Octave Signature Subwoofer, providing full range output, 12V trigger input, auto on/off, variable crossover control, and bass boost, making system integration an easy task.











SPECIFICATIONS	OCTAVE SIGNATURE CENTER	OCTAVE SIGNATURE BOOKSHELF	OCTWIN
Type	3 Way 4 units, full range center speaker with low magnetic stray field	2-way freestanding loudspeaker	2-way freestanding loudspeaker
Construction	MDF Trico™ polymer, coated cabinet with 3 separate acoustic chambers, Separate chamber for each drive unit.	MDF Trico™ polymer, coated cabinet, with separate chamber for each drive unit.	MDF Trico™ polymer, coated cabinet, with separate chamber for each drive unit.
Acoustical Loading	Double port bass reflex for bass chamber/Sealed for bass midrange & tweeter	Double port bass reflex	Double port bass reflex
Drive Units	<p><b>Woofers:</b> 2 x 5 1/4"(130mm) rear vented. Double magnet motor.</p> <p><b>Bass midrange:</b> 1 x 5 1/4"(130mm) rear vented hybrid motor.</p> <p>Both feature one piece intergrated dome and surround cone, made of damped polymer composite.</p> <p>3" (75 mm) aluminum Hexatech™ voice coil using Morel external voice coil technology (EVC).</p> <p><b>Tweeter:</b> Mid/high frequency unit, low resonance soft dome, Acuflex™ coated, vented double magnet Neodymium motor. 1 1/8" (28mm) Aluminum Hexatech™ voice coil and Morel's ' EVC technology.</p> <p>All units are shielded with low magnetic stray field</p>	<p><b>Woofers:</b> 5 1/4"(130mm) rear-vented system. Double ferrit magnet motor. One piece integrated dome and surround cone, made of damped polymer composite. 3" (75mm ) aluminum Hexatech voice coil and Morel's external voice coil (EVC)technology.</p> <p><b>Tweeter:</b> Mid/high frequency unit, low resonance soft dome, Accuflex™ coated, vented double magnet neodymium motor. 1 1/8" (28mm ) Aluminum Hexatech voice coil and Morel's ' EVC technology.</p> <p>All units are shielded with low magnetic stray field</p>	<p><b>Woofers:</b> 5 1/4"(130mm) rear-vented system. Hybrid double magnet motor (with neodymium and ferrite). One piece integrated dome and surround cone, made of damped polymer composite. 3" (75mm ) aluminum Hexatech voice coil and Morel's external voice coil (EVC)technology.</p> <p><b>Tweeter:</b> Mid/high frequency unit, low resonance soft dome, Accuflex™ coated, vented double magnet neodymium motor. 1 1/8" (28mm ) Aluminum Hexatech voice coil and Morel's ' EVC technology.</p> <p>All units are shielded with low magnetic stray field</p>
Frequency Response	20 – 30.000Hz (40-18,000Hz ±1.5 dB)	20 – 30.000Hz (40-18,000Hz ±1.5 dB)	20 – 30.000Hz (40-18,000Hz ±1.5 dB)
Nominal Impedance	4 ohm	6 ohm	8 ohm
Nominal Power Handling	300W RMS	120W RMS	280W RMS
Peak Power Handling	1500 W 10m/sec	1,000 W 10m/sec	1,500 W 10m/sec
Sensitivity 1 W/1 M	88 dB	86 dB	86 dB
Crossover	2000 Hz /12 dB octave	2200 Hz /12 dB octave	1400 Hz /6 dB octave
Dispersion	Within 1.5 dB – 18,000 Hz Horizontal: over 60° Vertical: over 20°	Within 1.5 dB – 18,000 Hz Horizontal: over 60° Vertical: over 20°	Within 1.5 dB – 18,000 Hz Horizontal: over 60° Vertical: over 20°
Dimension (WxHxD)	21 3/4" x 9 3/4" x 12 3/4" (550 x 247 x 325 mm)	7" x 12 1/2" x 12 3/4" (175 x 315 x 325 mm)	7" x 24 3/4" x 12 3/4" (175 x 630 x 325 mm)
Finishes	Black, white and red piano finish.	Black, white and red piano finish.	Black, white and red piano finish.
Weight	36 lbs (16 kgs)	15.4 lbs (7 kgs) each Octave unit	15.4 lbs (7 kgs) each Octave unit





SPECIFICATIONS	OCTAVE SIGNATURE SUBWOOFER
Construction	Isobaric and port-loading reflex cabinet
Dimensions (W x H x D)	7" x 27" x 12 <sup>3</sup> / <sub>4</sub> " (175 x 700 x 325 mm)
Drive Units	Two 9" (222mm) long throw flat-profile woofers with 3" (75 mm) Hexatech aluminum coil and rear-vented double magnet motor
Frequency Response	20–100Hz
Inputs	High level via internal passive crossover, high level direct through external amplifier with active crossover
Weight	37.4 lbs (17 kgs )
Finish	Black, white and red piano finish.

**OCTAVE/OCTWIN STANDS:** all made of solid steel and are designed to be acoustically transparent. Stands are coated in sanded black oven enameled finish.

ST-51	OCTAVE-OCTWIN	7"(17.5cm) x 26" (66cm) x 13" (32.5cm)
ST-11	OCTWIN Top stand with integrated slope filter	6 <sup>1</sup> / <sub>2</sub> "(16.5cm) x 4 <sup>1</sup> / <sub>4</sub> " (11cm ) x 12 <sup>1</sup> / <sub>2</sub> " (32cm )
ST-30	OCTAVE CENTER	21 <sup>3</sup> / <sub>4</sub> " (55cm ) x 12 <sup>3</sup> / <sub>4</sub> " (32.5 cm ) x 12 <sup>3</sup> / <sub>4</sub> " (32.5 cm ) 8 degrees tilted.

#### SIGNATURE AMP 250

- 250 WRMS @ 4 ohms
- Variable phase and volume control
- Variable crossover control from 40Hz to 1600Hz
- Variable bass boost at 45Hz  $\pm$ 3dB
- Auto on/off, constant mode or 12V trigger input
- 5-way binding post outputs
- Rack mountable option (U1)
- Weight: 8.4 lb (3.8kg)
- Dimensions (WxHxD) 17"x 17<sup>7</sup>/<sub>8</sub>" x 11<sup>1</sup>/<sub>2</sub>" (436 x 47 x 290mm)

AVAILABLE IN VARIOUS COLORS : Black, White, Red.





**WE HEAR YOU LOUD AND CLEAR.** IN THIS AGE OF HOME CONVENIENCE, WHEN THE MOVIE EXPERIENCE CAN BE REPRODUCED IN YOUR OWN FAMILY OR LIVING ROOM, YOU WANT MORE THAN JUST A BIG SILVER SCREEN. YOU WANT CLEAN, CRISP SOUND THAT PLACES YOU IN THE MIDDLE OF THE ACTION.

**THE QUEST FOR MORE.** WHAT BEGAN AS A DREAM IN 1975 – TO CREATE THE PERFECT LOUDSPEAKER – HAS TURNED INTO A LIFE'S WORK FOR MOREL'S FOUNDER, MEIR MORDECHAI. INSPIRED BY HIS LOVE OF MUSIC, MEIR'S QUEST TO CREATE THE ULTIMATE SPEAKER HAS RESULTED IN A COMPANY KNOWN WORLDWIDE FOR ITS DEDICATION TO PROVIDE SUPERB SOUND QUALITY. ALONG THE WAY, MOREL HAS BUILT AN ENVIABLE REPUTATION FOR TECHNOLOGICAL INNOVATION AND DESIGN EXCELLENCE. MOREL MANUFACTURES A WIDE RANGE OF HIGH QUALITY DRIVERS AND SPEAKERS INCLUDING TWEETERS, MIDRANGES AND WOOFERS FOR THE MID - TO HIGH-END HOME HI-FI, HOME THEATRE AND CAR AUDIO MARKETS.

**AT MOREL, QUALITY IS HANDMADE.** MOREL'S PRODUCTS ARE MADE WITH EXCEPTIONAL CARE. IN FACT, THEY ARE ALL ASSEMBLED BY HAND AND EXTENSIVELY TESTED – UNDERGOING SEVEN DIFFERENT QUALITY TESTS – TO ENSURE THEY MEET THE HIGHEST STANDARDS.



**OCTAVE SIGNATURE**



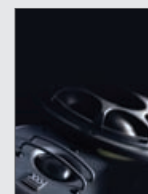
**VARIO**



**SOUNDSPOT**



**HARMONY**



**CAR AUDIO**

morel ltd. tel: +972-8-9301161, fax: +972-8-9301312, e-mail: [info@morel.co.il](mailto:info@morel.co.il) web: [www.morelhifi.com](http://www.morelhifi.com)  
morel america: tel: 1-877-morel-11, fax: 1-718-721-1560, e-mail: [info@morelamerica.com](mailto:info@morelamerica.com)

