

UNLEASH THE MUSIC



UNLEASH THE MUSIC

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Fat lady

"...The Fat Ladies reproduce instruments and voices with a timbre that is uncannily like the real thing and with an overall balance and lack of coloration that is well-nigh perfect... they come most highly and affectionately recommended."

Reviewed by Jonathan Valin, The Absolute Sound

"The Fat Ladies are truly a master stroke on Morel's part... The perfect osmosis between first choice transducers and carbon fiber acoustic sculpture confers to the Fat Lady a restitution of exceptional transparency and neutrality."

Reviewed by Pierre-Andre Violette, PRESTIGE Audio-Video



Fat lady

The fat lady represents a journey of discovery for Morel lasting more than 3 years. The goal to develop not only a true high-end loudspeaker but to use that knowledge to introduce a new philosophy and direction for the company.



Winner of the 2009 CEs Design and Engineering innovation award, the fat lady really is a technical tour de force incorporating many innovative design solutions.

The cabinet borrows technology from Formula One racing cars in that it is fashioned from Carbon Fibre composite. The curved form with no straight lines resembles a musical instrument and unlike conventional speaker systems has no internal damping at all. The cabinet is empty as Morel deliberately designed it to vibrate with the drive units and use this energy as part of the reproduced sound.

The all important midrange frequencies are handled by a rather remarkable 6" drive unit fitted with the new Morel Carbon Fibre /Rohacell sandwich cone. This unit when connected without a crossover is able to reproduce a full range sound from 40 Hz up to 15 KHz, without doubt a significant contributor to the open natural sound of the fat lady.

The true test of a loudspeaker is to listen to it. Auditioning the fat lady promises to be an exciting experience.

As they say: "It's not over till the fat lady sings."

3-way 4 drive units / 4Ω / 300W RMS / 88dB / High Gloss carbon fibre composite





Sopran

Winner of the 2013 CES Design and Engineering Innovations award, the Sopran is a true testament to the concept of "form follows function" showing that utilizing the latest in technology to seek further than the conventional boxy speaker does not have to be boring.



Our R&D team of experts and capable designers set their goals to stretch the boundaries even further than before and engineer a high-end speaker able of recreating the excitement of live music, in a refined visual package that would appeal to a broader audience.

The Sopran 3-way (five drive units) is a combination of creative vision and acoustic physics. Featuring Morel's most advanced technologies; internal standing waves diffusion shaped the curved carbon fibre composite cabinet enabling no internal absorption material, creating a speaker so transparent and natural that it sounds as if there was no cabinet at all. For tight and controlled bass reproduction a new in-line port technology was developed molding the speakers back "spine" appearance for a significantly improved soundstage and realism. Completing the cabinet design are the new innovative Lotus grilles, that considerably reduce distortion levels usually created by other protective covers.

Leveraging our latest transducer technology we developed new 6-inch drivers utilizing titanium support mechanism that transfers the motor force to the membrane with minimal energy lose to preserve the drama and dynamics of the original sound, creating a tactile musical experience.

3-way 5 drive units / 4Ω / 250W RMS / 91.5 db / Piano gloss black or white





Octave 6 limited edition

Morel's new design principles makes it possible to create speakers that reproduce the excitement of live music whilst preserving tonal accuracy and dynamics.



The Octave 6 LE series can integrate easily in practically any living space while enabling listeners outside the centre "sweet spot" to enjoy optimal sound. The new series is designed to be "amplifier friendly," able to work with tube and solid-state amps.

The Octave 6 LE has a gently curved cabinet architecture, exemplifying an elegant modern style. Each model is hand-polished to a high-gloss piano finish, and complemented by the stylish Lotus grilles. The special transducers engineered for the two models are the heart and soul of the series that make all the difference. Based on Morel's most advanced technology, the Octave 6 LE bookshelf utilizes a 6" mid-bass unit with an oversized 3" aluminum voice coil wound on a titanium bobbin, driven by a powerful Hybrid motor. A DPC cone provides a great balance between fast transient of stiff materials and the soft natural characteristics of DPC.

The floor-standing Octave 6 LE version replaces the Octave 6 counterpart and is boosted by a new powerful 9" woofer .It's made to deliver rich and accurate bass performance with lower harmonic distortion than ever. The breadth of soundstage and clarity of minute details will be apparent to casual listeners and audiophiles alike. Morel's renowned 1.1" (28 mm) Acuflex™ hand coated soft dome tweeter provides the company's signature warm and sweet sound. High quality components preserve the dynamics of the original sound as in a live performance for a tactile musical experience.

Octave 6 LE Floor-standing: 3-way 3 drive units / 6Ω / 200W RMS / 87 dB / Piano Gloss black or white

Octave 6 LE Bookshelf: 2-way freestanding / 6Ω / 140W RMS / 89 dB / Piano Gloss black or white



For over a decade, Morel has built an international reputation for the SoundSpot™ satellite speaker systems. New design goals and the quest for an even higher performance level make this new sub/sat system the closest ever to a high fidelity floor-standing 5.1 system.



Soundspot™ music theatre 3



The SoundSpot™ MT-3 was engineered for both home theatre and small Hi-Fi stereo systems applications, combining some of the most advanced innovative technologies and materials available with the finest craftsmanship and discrete design.

Comprised of the new SP-3, that is able to produce a mid/bass frequency sounding deep and robust - an incredible achievement from a 1.7 L enclosure. The base structure allows a 270-degree lateral and 80-degree vertical adjustment, for total sound field control while enabling the installer all mounting options, locking it into the desired position with a single screw. Completing the SP-3 satellites is the SoundSub™ PSW8ew fitted with an 8" subwoofer driven by 150W amplifier offering deep bass performance.

The MT-3 provides high quality sound performance with clarity and depth usually expected from a full sub/bookshelf system. It will definitely place you at the heart of the action in your favourite multi-channel movie or make you feel as if you are at a live musical performance.



ST-80 stand and ceiling hanging device



SP-3: 5.5" (135mm) / Steel sphere enclosure / 6Ω / 90W (160W Transients) / 89 dB / Silk matt black or white
PSW8ew: Fibre glass composite resin / 16"x13"x9" (410mm X 350mm X 230mm) / 8" (203mm) woofer with 2" (50mm) VC and rear vented magnet motor / 30-160Hz / 150W continuous / Line-level RCA phono jack/ 100-240VAC 50/60Hz BASH amp.

Soundspot™ music theatre 1



The MT-1 is a multi speaker system for both home theatre and Hi-Fi. Designed as a modern minimalist package it delivers the renowned Morel sound at an exceptional value.

Comprising of 5 miniature half-sphere enclosures constructed from 1mm steel, this strong and light weight solution creates less stored energy thus delivering a clearer sound with less colouration.

Completing the system is the same powerful subwoofer options as used in the MT-3, capable of a dynamic sound in both small and large rooms.

The MT-1 allows for a variety of speaker placement options making installation easy for optimal performance. MT-1 is a great solution for larger rooms and a better performance. It incorporates the new SoundSub™ PSW8ew fitted with an 8" high power woofer driven by a 150W amplifier.

The subwoofer delivers a dynamic and rich home theatre experience and seamlessly integrates with Morel's SoundSpot™ series.



ST-95 stand matches the SP-1 satellite speaker



SP-1: 4.3" (110mm) / Steel half-sphere enclosure / 6Ω / 60W RMS (100W transient) / 87dB / Piano black or white
 PSW8ew: Fibre glass composite resin / 16"x13"x9" (410mm X 350mmX 230mm) / 8" (203mm) flat profile woofer with 2" (50mm) VC and rear vented magnet motor / 30-160Hz / 150W continuous / Line-level RCA phono jack/ 100-240VAC 50/60Hz BASH™ amp



Beat X



The Beat X is a multi-channel home theatre system engineered to make every movie and music track a captivating experience, placing you right in the middle of the action. A modern minimalist design characterizes the Beat X package, ensuring total integration in any living space and installation ease. While it delivers the renowned Morel quality and sound, the Beat X system is offered at an exceptional value, designed for those who are looking for a cost effective versatile system.

The Beat X components excellent integration between the satellites and the subwoofer, ensures audiophile grade sound presentation, detail and presence. Comprising of five SoundSpot™ SP-1 satellite speakers for front, rear, and center channels. The SP-1 miniature half-sphere steel enclosure houses a 3.5" two-way coaxial speaker, this strong and light weight solution creates less stored energy thus delivering a clearer sound with less colouration and a wider frequency range.

Completing the system is the Sub8-X active subwoofer fitted with an 8" bass unit driven by 80W high power amplifier, the down-firing design has a smaller footprint that would blend in at any living space. The Beat X system is musical and dynamic designed for small and mid-sized living rooms. It allows for a variety of speaker placement options making installation easy for optimal performance.

SP-1: Steel sphere enclosure / 6Ω / 90W (160W Transients) / 89 dB / Piano black or white

Sub8-X Fibre-glass composite resin / 16"x13"x9" (410mm X 350mmX 230mm) / 8" (203mm) flat profile woofer with 2" (50mm) VC and rear vented magnet motor / 30-160Hz / 150W continuous / Line-level RCA phono jack/ 100-240VAC 50/60Hz



Custom Integration



SoundWall™ Surface Series

The SoundWall™ Surface brings any ordinary wall to life - with music. The technology mix of direct-drive motor system with a gigantic 2.1" voice coil and innovative material composition, results in a dynamic, rich and balanced musical performance that seamlessly integrates in any living space.

Morel's 40 years of engineering ingenuity led to the most innovative installation mechanism available in the market to-date. With installers in mind, the newly developed "easy-grip" installation system (patent pending) enables a sturdy install by gripping the edges of the wall with fixed-clamps while using the forces of gravity and pressure to hold the speaker in place.



Semi-hidden SH17C / Fully-hidden H17C

Drive units: Polypropylene
1.2 mm flat membrane

Nominal impedance: 8 Ω

Sensitivity: 2.83 V / 1M: 84 dB

Power handling:
100W (50W RMS)

Frequency Response:
100-20,000Hz (± 3 dB)

Mounting depth: 1.5" (40mm)



SoundWall™ LCR in-wall modular system

A multi-channel Hi-Fi - audio solution that caters the need for super slim LCR / Soundbar that adapts to various screen sizes. It offers up to four Hi-Fi sound system configurations for home cinema and stereo applications and its innovative easy installation concept allows it to be retro-fitted horizontally below any screen without having to modify the internal wall structure or use complex and costly, installation techniques. With installers in mind, the system provides the upmost design flexibility as it can stretch up to 160cm (63").



Morel SoundWall LCR 4 / 4X



Morel SoundWall LCR4 SW



Morel SoundWall Stereo4



MHC400

Driver units size: 4" Integra point source module with 1.1" (28mm) Acuflex™
Nominal Impedance: 4Ω
Sensitivity: 2.83V/1M: 88dB
Frequency Response: 60/150-20,000Hz (-5dB)
Power Handling: 80W (RMS)
Mounting depth: 80mm (3.15")



MHW400

Drive unit: 4" bass/Sub module
Nominal impedance: 4Ω
Sensitivity: 2.83V/1M: 84dB
Frequency Response: 40-3000Hz (±3dB)
Power Handling: 80W (RMS)
Mounting depth: 70mm (2.75")



XBC400

Drive units: 4" woofer and 1" (25mm) soft dome tweeter
Nominal impedance: 4Ω
Sensitivity: 2.83V/1M: 87.5dB
Frequency Response: 75-20,000Hz (±3dB)
Power Handling: 45W (RMS)
Mounting depth: 65mm (2.55")

SoundWall™ Power Slim

The SoundWall™ PowerSlim series offers Morel's innovative engineering and manufacturing. Featuring the shallowest architectural solution of its kind, the PowerSlim series delivers state of the art technology in an ultra-shallow package designed for spaces where no other product would fit. This patented transducer technology is capable of handling high power at ease and reproduce rich and dynamic sound that would get the party going.



PMW600



PMW600

Driver units size: 6.5" Woofer and 1.1" (28mm) soft dome tweeter.

Nominal Impedance (ohms): 4ohm

Sensitivity (2.83V/1M): 88dB

Power Handling: 100W(RMS)



PMC600

Driver units size: 6.5" Woofer with carbon fiber composite sandwich dome and 1.1" (28mm) soft dome.

Nominal Impedance (ohms): 4ohm

Sensitivity (2.83V/1M): 87dB

Power Handling: 80W(RMS)



SoundWall™ Cinema

Designed for the audiophile seeking high power handling and an incredibly dynamic response, the new SoundWall™ Cinema Series comes highly suited for both home theatre and music applications. Featuring some of the best transducers Morel developed, the Cinema speakers are packed with innovative technology to deliver a rich natural sound, wide dispersion, low distortion and high-power handling. Each model uses a very low-profile trim and Morel's latest low resonance grille to ensure minimal coloration yet also add unique style to any living space.



CW600

Driver units size: 6.5" Woofer and 1.1" (28mm) Acuflex™ soft dome tweeter.

Nominal Impedance (ohms): 4ohm

Sensitivity (2.83V/1M): 89dB

Power Handling: 110W(RMS)



CW525LCR

Driver units size: Two 5.25" Woofers and 1.1" (28mm) Acuflex™ soft dome tweeter.

Nominal Impedance (ohms): 4ohm

Sensitivity (2.83V/1M): 91dB

Power Handling: 150W(RMS)

SoundWall™ Music Hall

The new SoundWall™ Music Hall series is engineered for those who search a high-fidelity architectural speaker solution. The Music Hall uses Morel's state of the art transducer technology and renowned soft dome tweeter to reproduce an immersive sound experience in any listening room with complete discretion. Whether you are watching the latest action movie or listening to your favorite music artist, the Music Hall series will deliver a memorable experience.



MHC600

Driver units size:

6.5" Woofer and 1.1" (28mm) Acuflex™ soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 90dB

Power Handling: 90W(RMS)



MHC400

Driver units size:

4" Integra point source model with 1.1" (28mm) Acuflex™ soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 88dB

Power Handling: 80W(RMS)



MHW400

Driver units size:

4" Woofer.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 84dB

Power Handling: 80W(RMS)



MHW600

Driver units size: 6.5" Woofer and 1.1" Acuflex™ soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 90dB

Power Handling: 120W(RMS)



MHW525LCR

Driver units size: 5.25" Woofer and 1.1" (28mm) Acuflex™ soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 91dB

Power Handling: 160W(RMS)

SoundWall™ X-Base

The SoundWall™ X-Base series is a new entry-level architectural speaker designed to offer Morel's signature sound. Employing the company's renowned soft dome tweeter, excellent off-axis and wide dispersion speaker design, the X-base promises to reproduce "wall-to-wall" sound in any environment at an unbeatable performance value.



XBW600

Driver units size: 6.5" Woofer and 1" soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 90 dB

Power Handling: 90W(RMS)



XBW525LCR

Driver units size: 5.25" Woofer and 1" soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 91 dB

Power Handling: 150W(RMS)



XBW600H

Driver units size: 6.5" Woofer and 1" soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 94 dB

Power Handling: 90W(RMS)



XBC600

Driver units size: 6.5" Woofer and 1" soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 90 dB

Power Handling: 70W(RMS)



XBC600ST

Driver units size: 6.5" Woofer and 1" soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 90 dB

Power Handling: 50W(RMS)X2



XBC400

Driver units size: 4" Woofer and 1.1" soft dome tweeter.

Nominal Impedance: 4Ω

Sensitivity (2.83V/1M): 87.5 dB

Power Handling: 45W(RMS)

Breez Series

Enjoy your favorite music with the Breez outdoor speaker systems. The Breez construction is rugged and durable to withstand most weather conditions while reproducing high quality full range sound performance outdoors.

The Breez stylish design, incorporates aluminum grilles and can be wall mounted on your patio or terrace or inserted in the ground among your plants with its aluminum spike and hidden cable management (Breez CX600 only). Both installation configurations allow you to rotate the speaker towards the listening area for total control of the sound field.



Breez V2

Driver units size: 4" / 6" woofer and 0.7" (19mm) soft dome tweeter.

Nominal Impedance (ohms): 6Ω

Sensitivity (2.83V/1M): 90dB / 91dB (respectively)

Power Handling: 70W / 80 W (respectively)

Peak Power Handling: 200W / 250W 10m/sec (respectively)



Breez CX600

Driver units size: 6" woofer and 0.75" (19mm) aluminum dome tweeter.

Nominal Impedance (ohms): 8Ω

Sensitivity (2.83V/1M): 88dB

Power Handling: 70W RMS

Peak Power Handling: 140W RMS

Specifications

SoundWall™ LCR Sereis

	MHC400	MHW400	XBC400
Master crossover	180Hz 6dB highpass, 150Hz 12dB lowpass (available only in master unit)	Parallel connection	4,500Hz / 6dB
Drive units	Integra: 4" driver with 2.1 high temperature aluminum Heaxtech™ voice coil, neodymium magnet motor.	4" driver with 2.1 high temperature aluminum Heaxtech™ voice coil, neodymium magnet motor, high lowercase ± 6dB	Woofers: 4" paper composite cellular fiber cone, 1.1" voice coil, ferrite magnet motor.
	Tweeter: 1.1" (28mm) soft dome, neodymium magnet motor		Tweeter: 1" (25mm) soft dome, neodymium magnet motor.
Nominal Impedance (ohms)	4Ω	4 Ω	4 Ω
Sensitivity (2.83V/1M)	88 dB	84 dB	87.5 dB
Power Handling	80W (RMS)	80W (RMS)	45W (RMS)
Crossover	2300Hz 12dB	180Hz /12dB	5000Hz /6dB
Frequency Response (Hz)	100-20,000Hz (±3 dB)	40-3,000Hz (±3 dB)	75-20,000Hz (+3dB)
Overall dimensions (D,H)	Ø 5.3" (Ø135mm)	Ø 5.3" (Ø135mm)	Ø 5.3" (Ø135m)
Cutout Dimensions	Ø 125mm (4.92")	Ø 125mm (4.92")	Ø 125mm (4.92")
Mounting Depth	80mm (3.15")	70mm (2.75")	65mm (2.55")
Weight	0.4 Kg (0.97 lbs)	0.56 Kg (1.23 lbs)	0.76 Kg (1.67 lbs)
Finish	White	White	White

SoundWall™ Surface Sereis

	Semi Hidden SH17C / Hidden H17C
Construction	Steel body
Drive units	Polypropylene 1.2mm flat membrane 2" aluminum Heaxtech™ voice coil, double magnet neodymium moto, copper sleeve
Nominal Impedance (ohms)	8 Ω
Sensitivity (2.83V/1M)	84 dB
Power Handling	100W (50W RMS)
Resonance Frequency	100Hz
Operating Power	10-100W
Crossover	6dB -120Hz high pass
Frequency Response (Hz)	100-20,000Hz (±3 dB)
Voice Coil Diameter	54mm (2")
Overall exterior dimensions (WxHxD / Ø)	13.7" X 10.2" (350X260mm) / 14.6" X 11.1" (373X266mm)
Cutout Dimensions (WxH / Ø)	12.7" X 9.4" (318X238mm) / 14" X 10.4" (356X266mm)
Mounting Depth	1.5" (40mm)
Weight	1.18 Kg (2.6 lbs)
Finish	White

* Morel operates a policy contentious product design improvement, consequently specification are subject to alteration without prior notice.

Specifications

SoundWall™ Cinema Series

	CW600	CW525LCR
Description	Audiophile grade Frameless 2-way in-wall speaker	Audiophile grade Frameless 2-way in-wall LCR speaker
Construction	Front plastic ABS frame with aluminum reinforcement at the back	Front plastic ABS frame with aluminum reinforcement at the back
Drive units	Woofers: 6.5" carbon fiber sandwich cone, external voice coil. With neodymium magnet motor .	Woofers: 5.25" double carbon fiber sandwich cone, external voice coil. with neodymium magnet motor.
	Tweeter: 1.1" aluminum Hexatech™ voice coil, Acuflex™ coated, neodymium magnet motor.	Tweeter: 1.1" aluminum Hexatech™ voice coil, Acuflex™ coated, neodymium magnet motor.
Nominal Impedance (ohms)	4ohm	4ohm
Sensitivity (2.83V/1M)	89dB	91dB
Power Handling	120W(RMS)	150W(RMS)
Operating power	20-120W	20-150W
Crossover	4500Hz / 12dB	4000Hz / 12dB
Frequency Response (Hz)	45-20,000Hz (-5dB)	45-20,000Hz (-5dB)
Grille	Metal basalt grille	Metal basalt grille
Overall exterior grille dimensions (WxHxD / Ø)	8.4" x 11.8" (212x300mm)	16.6"x 7.1" x 0.1" (423x180x3mm)
Cutout Dimensions (HxW / Ø)	7.3" x 10.7" (185x273mm)	6.1"x 15.4" (154x390mm)
Mounting Depth	3.15" (80mm)	3.4" (85mm)
Finish	White	White

SoundWall™ Music Hall Series

	MHC600	MHW600	MHW525LCR	MHW400	MHC400
Description	High-quality Frameless in-ceiling speaker	High-quality Frameless 2-way in-wall speaker	High-quality Frameless In-wall LCR	High-quality Frameless In-wall woofer speaker	High-quality Frameless In-ceiling speaker
Construction	Front plastic ABS frame	Front plastic ABS frame	Front plastic ABS frame	Front plastic ABS frame	Front plastic ABS frame
Drive units	Woofers: 6.5" paper composite cellular fiber cone. 2.1" voice coil , aluminum wire.	Woofers: 6.5" double ferrite magnet motor. One piece integrated dome and surround cone, made of damped polymer composite. 3" Hexatech™ aluminum voice coil.	Woofers: 5.25" double ferrite magnet motor. One piece integrated dome and surround cone made of damped polymer composite. 3" Hexatech™ aluminum voice coil.	Woofers: 4" driver with 2.1" high temperature aluminum voice coil, neodymium magnet motor.	Woofers: 4" driver with 2.1" high temperature aluminum Hexatech™ voice coil. Neodymium magnet motor.
	Tweeter: 1.1" (28mm) soft dome Acuflex™ coated, neodymium magnet motor.	Tweeter: 1.1" (28mm) aluminum Hexatech™ voice coil, Acuflex™ coated, neodymium magnet motor.	Tweeter: 1.1" (28mm) aluminum Hexatech™ voice coil, Acuflex™ coated, neodymium magnet motor.		Tweeter: Soft dome 1.1" (28mm) voice coil, neodymium magnet motor.
Nominal Impedance (ohms)	4ohm	4ohm	4ohm	4ohm	4ohm
Sensitivity (2.83V/1M)	90dB	90dB	91dB	84dB	88dB
Power Handling	90W(RMS)	120W(RMS)	150W(RMS)	80W(RMS)	80W(RMS)
Operating power	10-90W	20-120W	20-150W	20-80W	20-80W
Crossover	4500Hz / 12dB	3200Hz / 12dB	3500Hz / 12dB	180Hz / 12dB	2300Hz / 12dB
Frequency Response (Hz)	55-22,000Hz (-5dB)	55-20,000Hz (-5dB)	50-20,000Hz (-5dB)	40-3000Hz (+3dB)	60/150-20,000Hz (-5dB)
Grille	Metal basalt grille	Metal basalt grille	Metal basalt grille	Metal + fabric	Metal + fabric
Overall exterior grille dimensions (WxHxD / Ø)	8.9" (228mm)	8.4"x11.8" (212x300mm)	16.6"x7.1"x0.1" (423x180x3mm)	5.3" (135mm)	5.3" (135mm)
Cutout Dimensions (HxW / Ø)	8.1" (206mm)	7.3"x10.7" (185x273mm)	6.1"x15.4" (154x390mm)	5.3" (135mm)	4.92" (125mm)
Mounting Depth	3.4" (85mm)	3.4" (85mm)	3.4" (85mm)	2.75" (70mm)	3.15" (80mm)
Finish	White	White	White	White	White

* Morel operates a policy contentious product design improvement, consequently specification are subject to alteration without prior notice.

Specifications

SoundWall™ X-Base Series

	XBW600	XBW600H	XBW525LCR	XBC600	XBC600ST	XBC400
Description	Frameless 2-way in-wall speaker	High Sensitivity Frameless 2-way in-wall speaker	Frameless In-wall LCR	Frameless In-ceiling speaker	Frameless In-ceiling speaker featuring stereo coaxial driver	Frameless In-ceiling speaker
Construction	Front plastic ABS frame	Front plastic ABS frame	Front plastic ABS frame	Front plastic ABS frame	Front plastic ABS frame	Front plastic ABS frame
Drive units	Woofers: 6.5" paper composite cellular fiber cone, 1.1" voice coil, ferrite magnet motor.	Woofers: 6.5" paper composite cellular fiber cone, 1.2" voice coil, HYBRID magnet motor.	Woofers: 5.25" polypropylene cone, 1" voice coil, ferrite magnet motor.	Woofers: 6.5" paper composite cellular fiber cone, 1.1" voice coil, ferrite magnet motor.	Woofers: 6.5" paper composite cellular fiber cone, 1.1" dual voice coil, ferrite magnet motor.	Woofers: 4" paper composite cellular fiber cone, 1.1" voice coil, ferrite magnet motor.
	Tweeters: 1" soft dome, neodymium magnet motor.	Tweeters: 1" soft dome, neodymium magnet motor.	Tweeters: 1" soft dome, neodymium magnet motor.	Tweeters: 1" soft dome, neodymium magnet motor.	Tweeters: 1" soft dome, neodymium magnet motor.	Tweeters: 1.1" soft dome, neodymium magnet motor.
Nominal Impedance (ohms)	4ohm	4ohm	4ohm	4ohm	2x4ohm	4ohm
Sensitivity (2.83V/1M)	90 dB	94 dB	91 dB	90 dB	90 dB	87.5 dB
Power Handling	90W(RMS)	90W(RMS)	150W(RMS)	70W(RMS)	50W(RMS)x2	45W(RMS)
Operating power	20W(RMS)	10-90W	20-150W	10-70W	10-50Wx2	10-45W
Crossover	3,500hz / 12dB	3,500hz / 12dB	3,500hz / 12dB	4,500hz / 6dB	4,500hz / 6dB	5,000hz / 6dB
Frequency Response (Hz)	55-22,000Hz (-5dB)	60-22,000Hz	40-20,000Hz (-5dB)	55-20,000Hz (-5dB)	55-20,000Hz (-5dB)	75-20,000Hz (±3.5dB)
Grille	Metal	Metal	Metal	Metal	Metal	Metal + fabric
Overall exterior grille dimensions (WxHxD / Ø)	8.4"x11.8" (212x300mm)	8.4"x11.8" (212x300mm)	16.7"x7.1"x0.1" (423x180x3mm)	8.9" (228mm)	8.9" (228mm)	5.3" (135mm)
Cutout Dimensions (HxW / Ø)	7.3"x10.7" (185x273mm)	7.3"x10.7" (185x273mm)	6.1"x15.4" (154x390mm)	8.1" (206mm)	8.1" (206mm)	4.92" (125mm)
Mounting Depth	3.15" (80mm)	3.15" (80mm)	3.3" (85mm)	3.15" (80mm)	3.15" (80mm)	2.55" (65mm)
Finish	White	White	White	White	White	White

SoundWall™ PowerSlim Series

	PMW600	PMC600
Description	Superslim Frameless 2-way in-wall speaker	Superslim Frameless in-ceiling speaker
Construction	Front plastic ABS frame	Front plastic ABS frame
Drive units	Woofers: 6.5" carbon sandwich composite cellular fiber dome, 2.1" voice coil, neodymium magnet motor.	Woofers: Carbon sandwich composite cellular fiber dome, 2.1" voice coil, pat. pending neodymium zero point Integra magnet motor structure.
	Tweeters: 1.1" (28mm) soft dome, neodymium magnet motor.	Tweeters: 1.1" (28mm) soft dome, neodymium magnet motor.
Nominal Impedance (ohms)	4ohm	4ohm
Sensitivity (2.83V/1M)	88dB	87dB
Power Handling	100W(RMS)	80W(RMS)
Operating power	20-100W	10-80W
Crossover	3,200Hz / 12dB	2,200Hz / 12dB
Frequency Response (Hz)	55-20,000Hz (-5dB)	60-20,000Hz (-5dB)
Grille	Metal basalt grille	Metal basalt grille
Overall exterior grille dimensions (WxHxD / Ø)	8.4"x11.8" (212x300mm)	8.9" (228mm)
Cutout Dimensions (HxW / Ø)	7.3"x10.7" (185x273mm)	8.1" (206mm)
Mounting Depth	1.6" (40mm)	1.6" (40mm)
Finish	White	White

* Morel operates a policy contentious product design improvement, consequently specification are subject to alteration without prior notice.

Specifications

Breez Series

	BREEZ 4.5"	BREEZ 6"	CX600
Construction	Bass reflex with port	Bass reflex with port	PP with Matt finish and aluminum grille
Drive units	Woofers: 4.5"(115mm) Ferrite magnet system.	Woofers: 6.5"(160mm) Ferrite magnet system.	Woofers: 6" rubber surround and IMPP cone
	Tweeters: 0.7" (20mm) soft dome. Powerful Neodymium magnet system. Ferrofluid damped and cooled.	Tweeters: 1" (25mm) soft dome. Powerful Neodymium magnet system. Ferrofluid damped and cooled.	Tweeters: 0.75" (19mm) aluminum dome tweeter
Frequency Response	65-20,000Hz	55-20,000Hz	70-20,000 Hz
Nominal Impedance	6Ω	6Ω	8 Ω
Power Handling	70W RMS	80W RMS	70W RMS
Peak Power Handling	200W 10m/sec	250W 10m/sec	140W RMS
Sensitivity 1W/1 M	90 dB	91 dB	88 dB
Crossover Point	4000 Hz / 12 dB octave	5000 Hz / 12 dB octave	
Dimension (W x H x D)	6.7" X 9.8" X 6.1" (172mm X 250mm X 155mm)	8 1/2" X 12 1/5" X 7 4/5" " (215mm X 310mm X 195mm)	260mm X 180mm (10.2" X 7.1")
Weight	1.84 KG (4 lbs)	2.5 KG (5.5 lbs)	2.54KG (5.6 lbs)
Finish	White sanded finish	White sanded finish	Black / White




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