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English 02.03.23






MARTIN LOGAN®

DISTINCTIVE DESIGN, ELEGANT EXECUTION, BEAUTIFUL SOUND. MOTION: REIMAGINED.

Introducing the all new Motion® XT and Motion® Series from MartinLogan® – a collection of high-performance speakers for home theater and stereo listening that will elevate your audio experience to new heights. These aren't simple upgrades from their predecessors, but a new level of quality and excellence that makes for an unforgettable experience every time you play them. Reimagined with a bold new look, and a host of audio advancements, we left nothing on the table to bring you our best Motion® Series yet.

 MOTION XT®
by MARTIN LOGAN® |  MOTION®
by MARTIN LOGAN®





 **Motion® XT Series**

The Motion® XT line, or 'eXTreme,' is MartinLogan's highest performance tier of Motion® Series speakers. Motion® XT is all about more; more detail, more clarity, and more power. Motion® XT models pair high-performance Nomex®-Reinforced Kevlar® midrange drivers with MartinLogan's highest performance Gen2 Folded Motion® XT Tweeter.



Gloss Black Satin White Walnut



F200

High-Performance
Folded Motion® XT
**Floorstanding
Speaker**

Our Ultimate Performance Motion® XT tower sets a new bar for performance in its class and beyond.

The Motion® XT F200 is the pinnacle of audio excellence, boasting the most advanced technologies available. The high-output, low-distortion Gen2 FMT XT and Folded Motion® Waveguide, seamlessly integrated with a Nomex®-Reinforced Kevlar® midrange and triple 8" aluminum bass drivers, creating a truly unparalleled listening experience. The effortless, dynamic bass and stunning clarity, coupled with precise, accurate detail, make this speaker the ultimate choice for discerning audiophiles and professionals alike.



F100

High-Performance
Folded Motion® XT
**Floorstanding
Speaker**

Step up XT series performance upgrades with triple bass drivers makes for a compelling option for those looking for a high performance tower speaker.

Experience exceptional sound quality with our Gen2 Folded Motion® XT Tweeter, featuring Folded Motion® Waveguide technology seamlessly integrated into a sleek front baffle design. The Nomex®-Reinforced Kevlar® midrange offers improved resonance reduction and clarity, while the triple 6.5" aluminum woofers provide powerful and dynamic bass. The Motion® XT F100 is perfect for any audio setup.



C100

High-Performance
Folded Motion® XT
**Center Channel
Speaker**

The ideal performance focused Center Channel for any Motion® home theater system.

Upgrade your surround sound system with our optimal center channel — the perfect complement to any Motion® XT or Motion® based setup. The latest Gen2 Folded Motion® XT Tweeter with advanced Motion® waveguide technology provides exceptional dialogue clarity and consistency for all listeners. The "anti-lobing" crossover design enhances accuracy, and the "flippable" cabinet design allows for a slight angle, making it ideal for low-mounted shelves or TV stands.





Gloss Black

Satin White

Walnut

B100

High-Performance
Folded Motion[®] XT
**Floorstanding
Speaker**



Our best bookshelf speaker for those wanting maximum performance without moving to a tower speaker.

Experience superior audio performance with our B100 bookshelf speaker — the ultimate choice for high-output sound without the need for a tower speaker. The Gen2 Folded Motion[®] XT Tweeter and Nomex[®]-Reinforced Kevlar[®] woofer deliver exceptional clarity and precision, making it ideal for 2-channel or home theater setups, particularly when paired with a subwoofer. This stand mount option comes with the added convenience of being able to securely attach to our matching STAND25 speaker stand for added stability. Enjoy exceptional sound from a compact and versatile package.

STAND25

**Premium
Speaker Stand**



The perfect match for the B100, STAND25 includes interchangeable color trim pieces and attaches to the speaker base for maximum stability.



Motion® XT / Motion® Series Technologies

With a bold new look and a suite of new audio upgrades, the Motion® series is ready to impress. Completely redesigned from the inside out, these are our best sounding Motion® series ever. What does “best” mean? We mean that through a rigorous development process involving anechoic chamber measurements, blind listening tests, and in room measurements we crafted a more refined sound for Motion® than ever before that is distinctly MartinLogan. Distinctive Design, Elegant Execution, Beautiful Sound.



Gen2 Obsidian Folded Motion® Tweeter

The 2nd Generation of our signature Folded Motion® Tweeter technology has been upgraded with a larger motor structure providing higher output and lower distortion than ever before.

The all new Motion® XT and Motion® series feature our latest thin film technology, the Gen2 Folded Motion® and Gen2 Folded Motion® XT

Tweeters. Whether you choose the standard sized FMT or the 40% larger FMT XT, the Gen2 internal improvements elevate performance to new heights. Outside of our legendary Electrostatic speakers, these new tweeters provide our cleanest, most detailed and accurate high frequency presentation to date.

Folded Motion® Waveguide

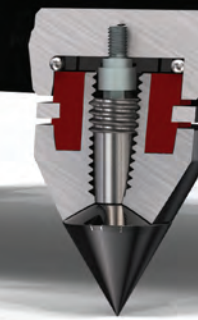
After an extensive evaluation of nearly 50 design options, the Folded Motion® Waveguide profile was meticulously chosen to harmoniously align the tweeters output with the dispersion of the midrange drivers, enhancing the performance of our already incredible Gen2 Folded Motion® Tweeters. The Folded Motion® Waveguide helps blanket the listening area with evenly distributed detail and precision, ensuring an optimal experience for everyone. The waveguide also enhances the Controlled Dispersion output of the tweeter, offering generous coverage while minimizing unwanted room reflections.

Controlled Dispersion

Any time your speaker reflects sound off of a surface in your room, it changes the sound in some way. One of the most harmful changes that occurs is the result of the first reflection point, or the first point at which sound begins to bounce off the walls or other surfaces in the room. Controlled Dispersion minimizes these sound degrading early reflections by controlling the spread of sound from the tweeter into the room, enhancing your listening experience with greater clarity, and expanded placement options in any room.

F.A.S.T. Outrigger Feet

The tower models in the Motion® range are designed with tool-less height adjustability in mind, using the included rubber feet or spikes, which enables the user to effortlessly level the speaker for optimal stability on any floor. Additionally, the built-in anti-vibration properties reduce the transfer of energy from the speaker to the floor, resulting in lower distortion and coloration, providing a more accurate and detailed sound.



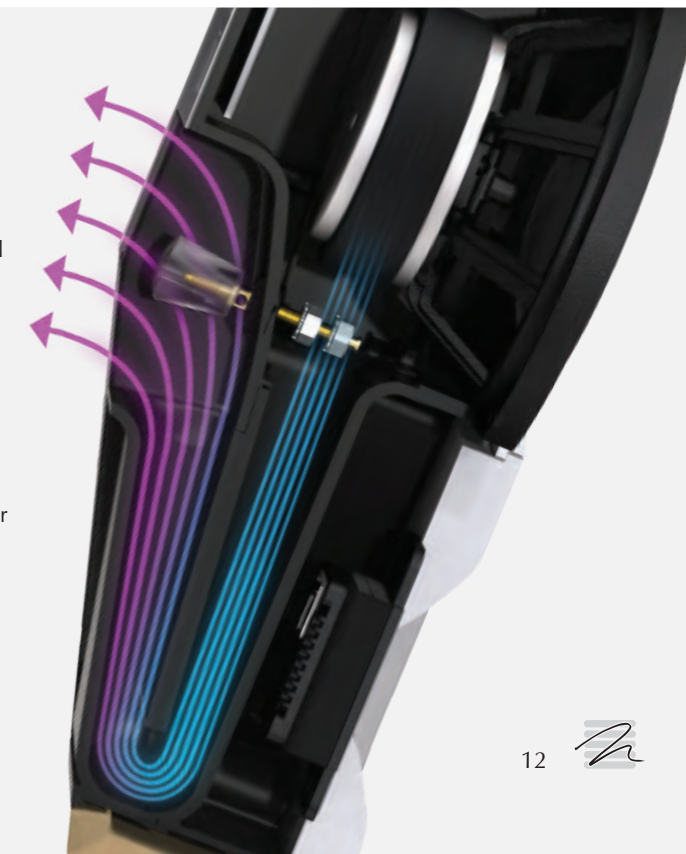
Adjust Your Speaker's Height with Ease

These proprietary outrigger feet allow you to effortlessly adjust your speaker's height with just a turn of the knurled caps. Whether you want to raise or lower the spike or pad, it's as easy as turning the caps. Experience ultimate convenience and precision with MartinLogan's F.A.S.T. Outrigger Feet.



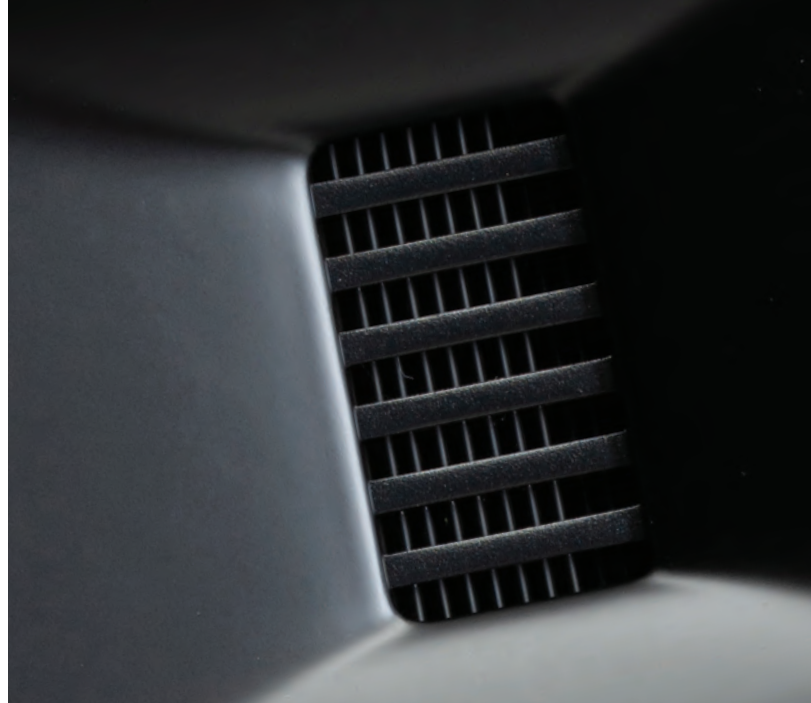
MP10 Stealth Bass Port

MP10's Stealth Bass Port allows it to achieve comparable bass output to that of traditional bookshelf speakers but at half the depth. Its innovative shape and mounting system allows MP10 to be used as a shallow-depth bookshelf speaker or wall mounted using the included bracket. When wall mounted, the brilliant Stealth Bass Port does not interfere with the bracket allowing MP10 to be mounted parallel to the wall surface or angled downwards into the room, perfect for when installation above ear level is desired.



Folded Motion Tweeters at Work

These cutting-edge loudspeaker drivers use a folded diaphragm to compress and expand air, creating a large surface area that delivers fast, accurate, and detailed high-frequency reproduction. With Folded Motion® Tweeters, you'll experience high efficiency, low distortion, and wide, yet controlled dispersion, ensuring that every note and every detail is captured in stunning clarity. Plus, the wide frequency response of our Folded Motion® Tweeters means you'll hear a greater range of sound than ever before.



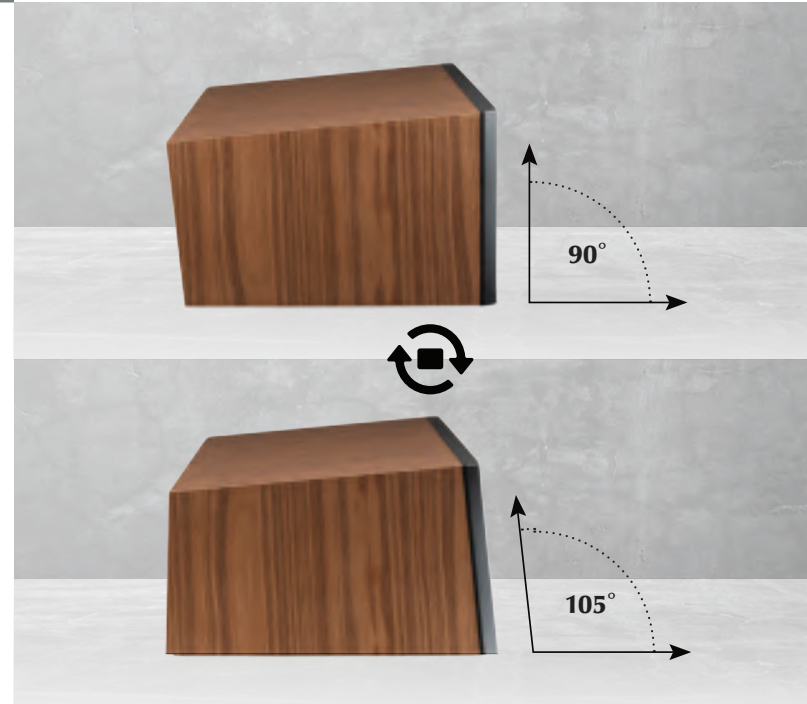
Aluminum Bass Drivers

The exceptional characteristics of aluminum make it an ideal choice for bass drivers. When paired with oversized motor structures and a downward-firing port, the new Motion® speakers are extremely easy to place in any room while providing outstanding bass performance at any volume.



Nomex-Reinforced Kevlar® Midrange (Motion® XT Models)

The Nomex®-Reinforced Kevlar® Midrange in the Motion® XT Series offers a perfect balance of lightweight, strength, anti-resonance and anti-ringing properties for unparalleled sound quality. When combined with the Gen2 Obsidian FMT XT, the clarity of vocals, dialogue and instrumental accuracy is unmatched at any volume. The seamless integration with Motion® XT CI products makes creating custom solutions effortless.



'Flippable' Center Channel Cabinet

The unique 'flippable' design of the Motion® cabinet allows for better sound clarity and immersion when placed on a lower shelf or piece of furniture by directing the sound upwards towards the listener's ears.

Woven Fiberglass Midrange (Motion® Models)

The lightweight and strong Woven Fiberglass midrange in the Motion® series is perfectly suited for keeping pace with Motion's Gen2 FMT, providing crystal clear dialogue and vocals, as well as lifelike instrumentals.



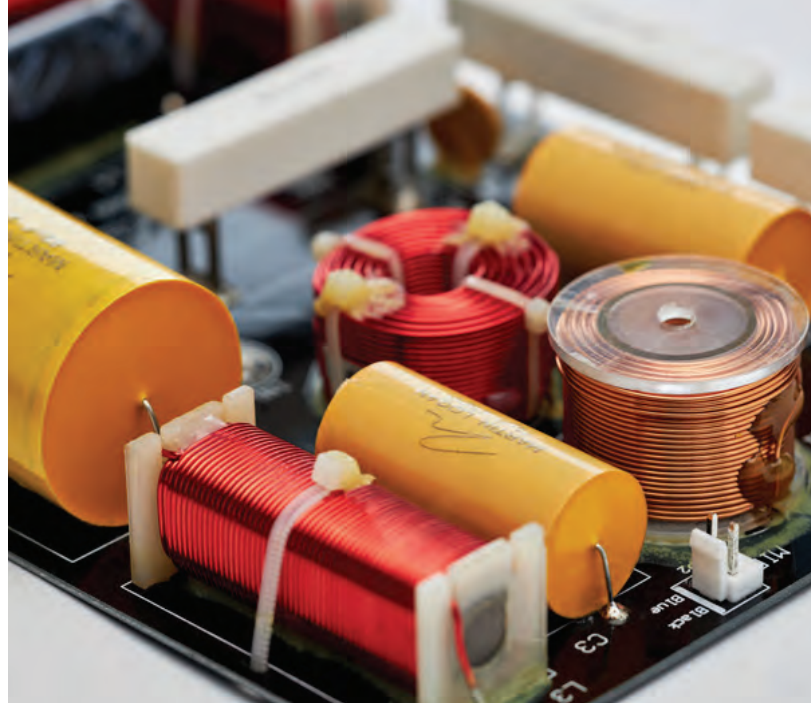
Anti-Lobing Center Channel Design

Typical center channel designs result in lobing, which negatively alters the tonality of the source material. The 2.5-Way crossover design used on C100 and C10 minimizes these harmful effects resulting in clearer dialogue and higher accuracy for a more immersive experience.



McCracken-Vojtko Crossovers

Perfectly melds the bespoke driver platforms. Carefully designed using proprietary measurement and simulation software, and tuned using double-blind listening, the McCracken-Vojtko crossover is the maestro that weaves all of the elements into a cohesive whole.



Cannon Bass Ports

Rear ported tower speaker designs need 'room to breathe,' which can conflict with a room's layout or decor as they require ample spacing from a wall or cabinet. Motion® XT's 'Twin Cannon' and Motion's 'Single Cannon' bass ports on the tower models provide deeper, cleaner, and more powerful bass across a broader range of placement options.



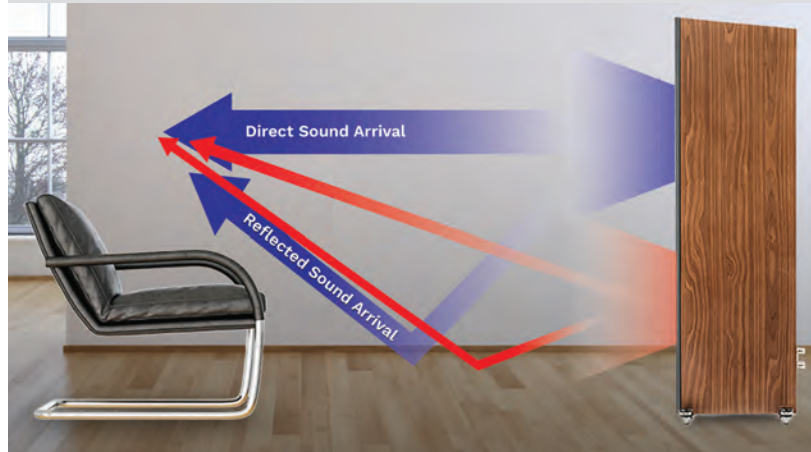
Secure-Lock Grilles

Stealth mounting tabs provide a secure hold for the grilles, allowing you to customize the appearance of each speaker with maximum aesthetic control. Create a unique look by leaving the grilles on, off, or even rotating them to change the grain of the fabric for a truly personalized audio experience.



Floor Bounce Compensation

Bringing studio reference sound to reality with precision woofer placement and crossover tuning, MartinLogan engineers have designed our Motion® XT and Motion® Series tower models to produce a more natural and full sound by taking advantage of a constant found in all listening rooms; the presence of a floor.





Motion[®] Series

Martin Logan's Motion[®] Series brings the performance of our top-of-the-line electrostatic speakers to music and home cinema enthusiasts. With a variety of floor-standing and compact bookshelf models, all featuring the advanced Gen2 Folded Motion[®] tweeter and high-performance Woven Fiberglass Midrange Drivers, hand-built crossovers, and timbre-matched centers, you can expect a richly detailed audio experience that is unmatched by the competition at this price point.



F20

High-Performance
Folded Motion®
**Floorstanding
Speaker**

The flagship of the Motion® range delivers even more performance while keeping a very manageable footprint.

Experience unparalleled detail, clarity, and power in a sleek and unobtrusive floorstanding design. Equipped with the advanced Gen2 FMT technology and featuring a Woven Fiberglass midrange and dual 6.5" aluminum bass drivers, the Motion® F20 is the perfect addition to any home theater or 2-channel setup. Boasting exceptional bass extension and dynamics, the Motion® F20 strikes the perfect balance of performance and size, making it the ideal choice for discerning audio enthusiasts.



F10

High-Performance
Folded Motion®
**Floorstanding
Speaker**

Our most compact tower model, F10 absolutely defies expectations with its huge performance and compact size.

Despite its small size, it delivers exceptional levels of detail, clarity, and dynamics that surpass expectations. Standing at under 39 inches, the F10 seamlessly blends into any decor without being obtrusive. Equipped with our advanced Gen2 FMT technology, a Woven Fiberglass midrange, and dual 5.5" aluminum bass drivers, the F10 provides an immersive listening experience for all your favorite content. Its approachable size, outstanding performance, and striking design make it the perfect choice for those seeking high-end audio without the bulk of larger speakers.



C10

High-Performance
Folded Motion®
**Center Channel
Speaker**

The ideal compact Center Channel option to deliver crystal clear dialogue perfectly complimenting your Motion® home theater system.

The angled "flippable" cabinet design of C10 allows you to angle the speaker upwards toward the listener when it is mounted on a lower shelf, helping to improve dialogue clarity by aiming the sound up towards your ears instead of directly into your furniture. The 2.5-way anti-lobing crossover design optimizes the dual woofers for maximum clarity, free of the performance robbing lobing present in conventional designs. We also designed the C10 to be relatively compact so it is compatible with more furniture options than larger designs.





B10

High-Performance
Folded Motion®
**Bookshelf
Speaker**

**Redefining what to expect from a compact
bookshelf speaker.**

Bookshelf or stand-mount speakers like the Motion® B10 are extremely popular for a variety of purposes from dedicated music systems, to Home Theaters and everything in between. Motion® B10 offers impressive performance from its Gen2 FMT and Woven Fiberglass woofer, delivering musicality and scale not typical of its size. Being less than 10" deep, the B10 is a practical option for placement on a shelf, desk, cabinet or other flat surface. For those desiring a stand mount solution, our optional (sold separately) STAND25 speaker stand can bolt directly into the bottom of the speaker for maximum stability.



MP10

High-Performance
Folded Motion®
**Multi-Purpose
Speaker**

**Its incredible versatility delivers amazing performance wherever
you need it.**

As the most versatile speaker in the Motion® lineup, the MP10 can be used as almost any channel in a Home Theater, or as part of a dedicated 2-channel system. The innovative shape and mounting system allows MP10 to be used as a shallow depth bookshelf speaker or wall mounted using the included mounting bracket. It can be mounted parallel to the wall surface or flipped upside down to angle downwards into the room, perfect for when installation above ear level is desired. MP10's Gen2 FMT and Folded Motion® Waveguide ensure that your listening area is blanketed in clear, detailed sound wherever you decide to install it.



STAND25

**Premium
Speaker Stand**

The perfect match for the B100, STAND25 includes interchangeable color trim pieces and attaches to the speaker base for maximum stability.





F200

High-Performance
Folded Motion® XT
**Floorstanding
Speaker**

F100

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C100

High-Performance
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**Center Channel
Speaker**

B100

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F20

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**Center Channel
Speaker**

B10

High-Performance
Folded Motion® XT
**Bookshelf
Speaker**

MP10

High-Performance
Folded Motion® XT
**Multi-Purpose
Speaker**

Application	Floorstanding	Floorstanding	Center Channel	Bookshelf	Floorstanding	Floorstanding	Center Channel	Bookshelf	Multi-Purpose
Frequency Response	27 Hz - 25k Hz	31 Hz - 25 kHz	42 Hz - 25 kHz	45 Hz - 25 kHz	35 Hz - 25kHz	38 Hz - 25 kHz	63 Hz - 25 kHz	56 Hz - 25 kHz	81 Hz - 25kHz
Folded Motion® Waveguide Enhanced Tweeter Dispersion (VxH)	45° x 90°	45° x 90°	45° x 90°	45° x 90°	90° x 90°	90° x 90°	90° x 90°	90° x 90°	90° x 90°
Sensitivity (2.83 volts/meter)	92 dB	92 dB	93 dB	93 dB	92 dB	92 dB	93 dB	92 dB	92 dB
Impedance Compatible with 4, 6, or 8 Ohm rated amplifiers	4 ohms	4 ohms	5 ohms	4 ohms	4 ohms	4 ohms	4 ohms	5 ohms	5 ohms
Crossover Frequency	300Hz, 2600Hz (3-way)	280 Hz, 2600 Hz (3-way)	1,300 Hz, 2,500 Hz (2.5-way)	2,600 Hz (2-way)	230 Hz, 2,600 Hz (3-way)	280 Hz, 3,000 Hz (3-way)	1000 Hz, 2,000 Hz (2.5-way)	2,370 Hz (2-way)	2,100 Hz (2-way)
High Frequency Driver	1.25" x 2.4" (3.2 x 6.1cm) Gen2 Obsidian Folded Motion® XT Tweeter with 12.4 in² (79.8 cm²) diaphragm	1.25" x 2.4" (3.2 x 6.1cm) Gen2 Obsidian Folded Motion® XT Tweeter with 12.4 in² (79.8 cm²) diaphragm	1.25" x 2.4" (3.2 x 6.1cm) Gen2 Obsidian Folded Motion® XT Tweeter with 12.4 in² (79.8 cm²) diaphragm	1.25" x 2.4" (3.2 x 6.1cm) Gen2 Obsidian Folded Motion® XT Tweeter with 12.4 in² (79.8 cm²) diaphragm	1" x 1.4" (2.6 x 3.6cm) Gen2 Obsidian Folded Motion® Tweeter with 9.2 in² (59.4 cm²) diaphragm	1" x 1.4" (2.6 x 3.6cm) Gen2 Obsidian Folded Motion® Tweeter with 9.2 in² (59.4 cm²) diaphragm	1" x 1.4" (2.6 x 3.6cm) Gen2 Obsidian Folded Motion® Tweeter with 9.2 in² (59.4 cm²) diaphragm	1" x 1.4" (2.6 x 3.6cm) Gen2 Obsidian Folded Motion® Tweeter with 9.2 in² (59.4 cm²) diaphragm	1" x 1.4" (2.6 x 3.6cm) Gen2 Obsidian Folded Motion® Tweeter with 9.2 in² (59.4 cm²) diaphragm
Mid Frequency Driver	6.5" (16.5cm) Nomex® Reinforced Kevlar® cone with cast aluminum basket. Non-resonant sealed chamber format. Unibody cone construction.	6.5" (16.5cm) Nomex® Reinforced Kevlar® cone with cast aluminum basket. Non-resonant sealed chamber format. Unibody cone construction.	2x 6.5" (16.5cm) Nomex® Reinforced Kevlar® cones with cast aluminum baskets. Non-resonant asymmetrical chamber format. Unibody cone construction. Anti-lobing 2.5-way crossover design.	6.5" (16.5cm) Nomex® Reinforced Kevlar® cone with cast aluminum basket. Non-resonant asymmetrical chamber format. Unibody cone construction.	5.5" (14cm) Woven Fiberglass cone with cast polymer basket. Non-resonant sealed chamber format. Unibody cone construction.	5.5" (14cm) Woven Fiberglass cone with cast polymer basket. Non-resonant sealed chamber format. Unibody cone construction.	2x 5.5" (14cm) Woven Fiberglass cones with cast polymer baskets. Non-resonant sealed chamber format. Unibody cone construction. Anti-lobing 2.5-way crossover design.	5.5" (14cm) Woven Fiberglass cone with cast polymer basket. Unibody cone construction.	5.5" (14cm) Woven Fiberglass cone with cast polymer basket. Unibody cone construction.
Low Frequency Drivers	3x 8" (20.3cm) aluminum cones with cast aluminum baskets. Non-resonant asymmetrical chamber format. Unibody cone construction	3x 6.5" (16.5cm) aluminum cones with cast aluminum baskets. Non-resonant asymmetrical chamber format. Unibody cone construction.	—	—	2x 6.5" (16.5cm) aluminum cones with cast polymer baskets. Non-resonant asymmetrical chamber format. Unibody cone construction.	2x 5.5" (14cm) aluminum cones with cast polymer baskets. Non-resonant asymmetrical chamber format. Unibody cone construction.	—	—	—
Cabinet	Bottom Ported	Bottom Ported	Rear Ported	Rear Ported	Bottom Ported	Bottom Ported	Rear Ported	Rear Ported	Stealth Rear Ported
Recommended Amp Power	20 - 600 watts	20 - 450 watts	20 - 300 watts	20 - 250 watts	20 - 300 watts	20 - 250 watts	20 - 200 watts	20 - 200 watts	20 - 200 watts
Binding Post Inputs	Custom bi-amp/bi-wire capable 5-way binding posts	Custom bi-amp/bi-wire capable 5-way binding posts	Custom bi-amp/bi-wire capable 5-way binding posts	Custom bi-amp/bi-wire capable 5-way binding posts	Custom bi-amp/bi-wire capable 5-way binding posts	Custom bi-amp/bi-wire capable 5-way binding posts	Custom 5-way binding posts	Custom 5-way binding posts	Custom 5-way binding posts
Weight	86lbs / 39kg	76lbs / 34.5kg	34lbs / 15.4kg	20.5lbs / 9.3kg	60lbs / 27.2kg	50.5lbs / 22.9kg	23.5lbs / 10.7kg	14.5lbs / 6.6kg	9.7lbs / 4.4kg
Dimensions (HxWxD) Floorstanding model dimensions include the feet. Depth for all models include the binding posts	50-3/4" x 13-3/4" x 16-1/2" 128.9cm x 34.9cm x 41.9cm	47-3/4" x 12-1/2" x 15" 121.3cm x 31.75cm x 38.1cm	8" x 24" x 14-1/2" 20.3cm x 61cm x 36.8cm	14-1/2" x 8" x 12-1/2" 36.8cm x 20.3cm x 31.8cm	44-3/4" x 11-3/4" x 14-1/4" 112.7cm x 29.8cm x 36.2cm	38-1/4" x 11-1/4" x 13-1/4" 97.1cm x 28.6cm x 33.6cm	7-1/4" x 19" x 11-1/2" 18.4cm x 48.3cm x 29.3cm	12-1/2" x 7" x 9-3/4" 31.8cm x 17.8cm x 24.8cm	14" x 8" x 5" 35.6cm x 20.3cm x 12.7cm
Finish	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White	Gloss Black, Walnut, and Satin White

