



XTC8, XTC8-HT, XTW6
XTW5-LCR, XTW6-LCR



The MartinLogan Motion XT CI series takes performance to the next level over Motion CI. The Folded Motion XT tweeter gives each model in the Motion XT series even more of the clarity, output and efficiency that the standard size FMT is famous for. With Motion XT, we wanted to increase all aspects of performance over the Motion series, so we didn't just stop at the tweeter. All Motion XT models feature woven Kevlar woofers for increased rigidity and lightness as well as a special Nomex layer on the back side of the woofer material which increases clarity and realism by reducing resonance and ringing. In addition to the larger tweeter, and lighter, stronger woofers, MartinLogan's design and engineering team has fitted the Motion XT series with a more substantial chassis to strengthen the speaker and provide a more accurate sound, similar to a better cabinet on a traditional speaker. The Nomex layer and the chassis are not something you can see after installation, but it matters to the performance of the speaker, so it matters to us. With Motion XT CI, the difference is in the details.

Motion® XT CI Front, Center, and Surround Speakers





XTC8

Frequency Response
51 - 25,000 Hz ±3dB
Tweeter Controlled Dispersion
30 x 80 degrees
Sensitivity (anechoic)
91dB @2.83V/ 1 meter
Impedance
4 ohms. Compatible with 8 ohms
Crossover Frequency
2,270 Hz
Crossover Type
2 way
Driver Configuration
1 x 1.27" x 2.75" FMT, 1 x 8" Woofers
High Frequency Driver
FMT Transducer
1.27" x 2.4" (3.22cm x 6.09cm)
Opening
4.5" x 2.75" (11.43cm x 6.98cm)
Diaphragm
Woofer Specifications
One 8" [20.32 cm] cast aluminum basket, black Kevlar with Nomex backer cone, Open back chamber format. Concave dust cap.
Connectors
Push style
Components
Custom air core coil inductors, polypropylene film capacitors in series and low DF electrolytic capacitors FMT thermal/current protection.
Cabinet Material
Black w/ White Paintable Grill
Suggested Amplifier Power
Range 50-300 Watts
Maximum Power Handling
150 Watts
Weight (grille)
7.9 lbs. (3.58 kg) each
Weight (no grille)
7.6 lbs. (3.44 kg) each
Overall Size (dia. x depth)
10.35" x 5.30" (26.28cm x 13.46cm)
Required Opening
9.25" (9.5cm) diameter
Projection From Wall
0.33" (23.5cm)
Depth Required Behind Wall
5.50" (13.97cm)



XTC8-HT

Frequency Response
51 - 25,000 Hz ±3dB
Tweeter Controlled Dispersion
30 x 80 degrees
Sensitivity (anechoic)
91dB @2.83V/ 1 meter
Impedance
4 ohms. Compatible with 8 ohms
Crossover Frequency
2,000 Hz
Crossover Type
2 way
Driver Configuration
1 x 1.27" x 2.75" FMT, 1 x 8" Woofers
High Frequency Driver
FMT Transducer
1.27" x 2.4" (3.22cm x 6.09cm)
Opening
4.5" x 2.75" (11.43cm x 6.98cm)
Diaphragm
Woofer Specifications
One 8" [20.32 cm] cast aluminum basket, black Kevlar with Nomex backer cone, Open back chamber format. Concave dust cap.
Connectors
Push style
Components
Custom air core coil inductors, polypropylene film capacitors in series and low DF electrolytic capacitors FMT thermal/current protection.
Cabinet Material
Black w/ White Paintable Grill
Suggested Amplifier Power
Range 50-300 Watts
Maximum Power Handling
150 Watts
Weight (grille)
9.3 lbs. (4.21 kg) each
Weight (no grille)
8.8 lbs. (3.99 kg) each
Overall Size (dia. x depth)
12.68" x 7.15" (32.2cm x 18.16cm)
Required Opening
11.5" (29.1cm) diameter
Projection From Wall
0.26" (0.65cm)
Depth Required Behind Wall
7.03" (17.84cm)



XTW6

Frequency Response
56 - 25,000 Hz ±3dB
Tweeter Controlled Dispersion
80 x 30 degrees
Sensitivity (anechoic)
91dB @2.83V/ 1 meter
Impedance
4 ohms. Compatible with 8 ohms
Crossover Frequency
2,460 Hz
Crossover Type
2 way
Driver Configuration
1 x 1.27" x 2.75" FMT, 1 x 6.5" Woofers
High Frequency Driver
FMT Transducer
1.27" x 2.4" (3.22cm x 6.09cm)
Opening
4.5" x 2.75" (11.43cm x 6.98cm)
Diaphragm
Woofer Specifications
One 6.5" [16.51 cm] cast aluminum basket, black Kevlar with Nomex backer cone, Open back chamber format. Concave dust cap.
Connectors
Push style
Components
Custom air core coil inductors, polyester film capacitors in series and low DF electrolytic capacitors FMT thermal/current protection.
Cabinet Material
Black w/ White Paintable Grill
Suggested Amplifier Power
Range 50-200 Watts
Maximum Power Handling
100 Watts
Weight (grille)
7.1 lbs. (3.22 kg) each
Weight (no grille)
6.8 lbs. (3.08 kg) each
Overall Size (l x w x depth)
11.06" x 8.03" x 3.55" (28.09cm x 20.39 x 9.17cm)
Required Opening
7" x 10.13" (17.9 x 25.9cm)
Projection From Wall
0.31" (0.79cm)
Depth Required Behind Wall
3.43" (8.72cm)



XTW5-LCR

Frequency Response
61 - 25,000 Hz ±3dB
Tweeter Controlled Dispersion
80 x 30 degrees
Sensitivity (anechoic)
92dB @2.83V/ 1 meter
Impedance
4 ohms. Compatible with 8 ohms
Crossover Frequency
2,180 Hz
Crossover Type
2 way
Driver Configuration
1 x 1.27" x 2.75" FMT, 2 x 5.25" Woofers
High Frequency Driver
FMT Transducer
1.27" x 2.4" (3.22cm x 6.09cm)
Opening
4.5" x 2.75" (11.43cm x 6.98cm)
Diaphragm
Woofer Specifications
Two 5.25" [13.33 cm] cast aluminum basket, black Kevlar with Nomex backer cone, Open back chamber format. Concave dust cap.
Connectors
Push style
Components
Custom air core coil inductors, polyester film capacitors in series and low DF electrolytic capacitors FMT thermal/current protection.
Cabinet Material
Black w/ White Paintable Grill
Suggested Amplifier Power
Range 50-250 Watts
Maximum Power Handling
125 Watts
Weight (grille)
9.8 lbs. (4.44 kg) each
Weight (no grille)
9.2 lbs. (4.17 kg) each
Overall Size (l x w x depth)
15.79" x 7.87" x 3.32" (40.1cm x 19.98cm x 8.43cm)
Required Opening
14.5" x 6.5" (36.8 x 16.5cm)
Projection From Wall
0.12" (0.3cm)
Depth Required Behind Wall
3.20" (8.13cm)



XTW6-LCR

Frequency Response
44 - 25,000 Hz ±3dB
Tweeter Controlled Dispersion
80 x 30 degrees
Sensitivity (anechoic)
93dB @2.83V/ 1 meter
Impedance
4 ohms. Compatible with 8 ohms
Crossover Frequency
260, 2470 Hz
Crossover Type
3 way
Driver Configuration
1 x 1.27" x 2.75" FMT, 1 x 6.5" midrange, 2 x 6.5" Woofers
High Frequency Driver
FMT Transducer
1.27" x 2.4" (3.22cm x 6.09cm)
Opening
4.5" x 2.75" (11.43cm x 6.98cm)
Diaphragm
Woofer Specifications
Two 6.5" [16.51 cm] cast aluminum basket, black Kevlar with Nomex backer cone, Open back chamber format. Concave dust cap.
Midrange Specifications
One 6.5" [16.51 cm] cast aluminum basket, black Kevlar with Nomex backer cone, Sealed back chamber format. Concave dust cap.
Connectors
Push style
Components
Custom air core coil inductors, polyester film capacitors in series and low DF electrolytic capacitors FMT thermal/current protection.
Cabinet Material
Black w/ White Paintable Grill
Suggested Amplifier Power
Range 50-300 Watts
Maximum Power Handling
150 Watts
Weight (grille)
18.9 lbs. (8.57 kg) each
Weight (no grille)
18.1 lbs. (8.21 kg) each
Overall Size (l x w x depth)
28" x 7.68" x 3.67" (71.12cm x 19.5cm x 9.32cm)
Required Opening
6.64" x 27" (16.9 x 68.5cm)
Projection From Wall
0.13" (0.32cm)
Depth Required Behind Wall
3.54" (8.99cm)

Specifications are subject to change without notice.