



## Motion F20 Floor Standing Speaker - Gloss Black

MF20GB

SKU: 185533    UPC: 81012302593

The MartinLogan Motion F20 is the top of the impressive Motion Series lineup. It's a robust floor-standing speaker that delivers accurate, detailed sound, based around carefully chosen drivers, precise crossovers, and an acoustically optimized cabinet. This tower is voice-matched to other models in the Motion Series, and it comes in three gorgeous finishes, so you can choose one that suits your home decor.

MartinLogan's acclaimed Folded Motion tweeter uses a pleated diaphragm that works similarly to an accordion by "squeezing" air to create sound. The F20's upgraded Gen2 Obsidian version of this tweeter uses larger magnets for greater detail and accuracy. The new design places it inside a custom Folded Motion waveguide that enhances dispersion of high-frequency sound throughout your listening area.

Because it requires almost 90% less excursion than the typical 1" dome tweeter, response time is drastically reduced along with distortion. The diaphragm's increased surface area also provides wide, yet controlled sound dispersion to create a realistic and highly accurate soundstage. Music sounds detailed, but smooth and effortless, without a trace of harshness.

### Features

- 1" x 1.4" Gen2 Obsidian Folded Motion® tweeter with custom waveguide
- 5-1/2" woven fiberglass cone woofer with cast polymer basket
- Dual 6-1/2" aluminum cone woofers with cast polymer baskets
- Bass-reflex (ported) cabinet with bottom-firing port
- Frequency response: 35-25,000 Hz
- Upgraded McCracken-Vojtko crossover network
- Sensitivity: 92 dB
- Nominal impedance: 4 ohms
- Recommended amplifier power: 20-300 watts
- Removable magnetic grilles
- Fully adjustable anti-vibration F.A.S.T. feet
- Dual five-way binding post speaker terminals allow bi-amping or bi-wiring

|                        |                      |
|------------------------|----------------------|
| Enclosure              | Ported               |
| Finish                 | MDF/Lacquer          |
| Tweeter Type           | Folded Motion Ribbon |
| Tweeter Size (inches)  | 1 x 1.4              |
| Midrange Size (inches) | 5.5                  |
| Woofer Size (inches)   | 6.5                  |
| Woofer Composition     | Aluminum             |
| Woofer Surround        | Rubber               |
| Power Range            | 20-300               |
| Sensitivity            | 92 dB                |
| Impedance (Ohms)       | 4                    |
| Frequency Response     | 35-25k Hz            |
| Connector Type         | Binding post         |

|                        |                                 |
|------------------------|---------------------------------|
| Bi-amp Inputs          | Yes                             |
| Dimensions (H x W x D) | 44-9/16" x 11-13/16" x 14-5/16" |
| Weight                 | 60 lbs                          |