

The B Series Round Ceiling Speakers

MUSTANG



MS-BR052

- > 5.25" 2-Way
- > Kevlar butyl surround woofer
- > 8 Ohms
- > Frequency Response: 50 Hz-20,000 Hz
- > Power Handling: 30 watts nom. 60 watts max.
- > Overall dimensions: 7 1/2" round
- > Cut-out dimensions: 6 1/2" round x 2 3/8" deep



MS-BR062

- > 6.5" 2-Way
- > Kevlar butyl surround woofer
- > 8 Ohms
- > Frequency Response: 45 Hz-20,000 Hz
- > Power Handling: 40 watts nom. 80 watts max.
- > Overall dimensions: 8 3/8" round
- > Cut-out dimensions: 7 3/8" round x 2 7/8" deep



MS-BR082

- > 8" 2-Way
- > Kevlar butyl surround woofer
- > 8 Ohms
- > Frequency Response: 35 Hz-20,000 Hz
- > Power Handling: 50 watts nom. 100 watts max.
- > Overall dimensions: 9 3/4" round
- > Cut-out dimensions: 8 5/8" round x 3 3/8" deep

Features of the B Series Round Ceiling Speakers

- > Pivoting Tweeters
- > 2nd Order, 12 dB per Octave Crossovers
- > Metal Grilles can be painted or covered to match or complement wall finish
- > White Pigmented Frames can be painted to match or complement wall finish
- > Black Baffles are provided so individual drivers are not visible through grille
- > Speaker hole compass for a perfect size mounting hole
- > 5 Year Limited Warranty

Phase Plug Technology

In any conventional speaker, the highest frequencies of audio emanate from the area around the center of the cone and the lower frequencies are produced by the area of the cone that is farther from the center. In fact, the distance from the center at which a sound wave will come off of a speaker cone is directly related to its frequency. This helps explain why larger cone speakers are usually capable of producing more bass.

Due to the shape of the conventional speaker cone, the higher frequency sound waves tend to collide at a focal point. This causes phase distortion and a loss in efficiency. As a result, accuracy and transparency suffer. This also has detrimental effects on the realism of the artificial sound environments created by today's high fidelity digital audio and surround sound systems.

The phase plug pole piece extension improves driver performance and clarity by deflecting delicate mid range audio out to the listening environment thereby minimizing distortion producing collisions.

