

# INTEGRATION REFERENCE – MERCEDES BENZ IR-MBZ42 / IR-MBZ42-CTR



The Mercedes IR-MBZ42 2-way component system from the Reference series redefines sound performance, providing audiophiles exceptional tonal purity, precise detailing, and listening comfort.

This system, featuring DirectFit technology, boasts a unique 4-inch chassis design, easy installation of 1.1" (28mm) tweeters, and factory wire connections for seamless integration into contemporary Mercedes models. Inspired by Morel's esteemed Hybrid speaker series, it combines a 4-inch woofer with a 2.1" (54mm) voice coil and robust hybrid EVC™ motor design, ensuring remarkable power handling and precise cone control. The high-resolution tweeter utilizes Morel's proprietary 28mm Acuflex™ silk dome and dual neodymium magnet motor, making it an unparalleled plug-and-play speaker system.

## Key advantages

- DirectFit design for easy installation
- True Plug and Play Mercedes Benz specific wire connections
- Modification-free install
- Designed for amplifier and DSP upgrade
- High power handling and low distortion
- Hybrid External Voice Coil (EVC) technology
- 2.1" (54mm) Voice coil
- Mounting brackets provided for simplified installation

## Specifications

Configuration	2-way
Woofer Size	4" (100mm)
Tweeter	1.1" (28mm)
Nominal Impedance (ohm)	4
Nom. Power Handling (Wrms)	100
Max Power Handling (W)	300
Sensitivity (2.83 V/1M) dB	92
Frequency Response	50-25,000



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