

EM-MBF4



UNIVERSE
INFINITE
POWER
FIDELITY

PLUG & PLAY COAXIAL FOR MERCEDES-BENZ W124

The Mercedes W124 stands for timeless elegance and technical reliability – but the original speakers quickly reach their limits when the music needs to be played loudly. Drivers often report that the front speakers overdrive at higher volumes and are therefore looking for a worthy retrofit speaker for their modern classic.

The newly developed EMPHASER EM-MBF4 coaxial speaker provides significantly optimized midrange and high-frequency resolution and is ideal for music and voice reproduction. Thanks to its powerful magnetic drive, the EM-MBF4 is ideal for direct use with the radio or – if you like it louder – with a separate amplifier.

The unusual installation dimensions of the W124 are no problem: the EM-MBF4 is designed to fit exactly into the installation space in the dashboard where 12 cm coaxial speakers are fitted as standard. Installation is completely plug & play – no modifications or tinkering required.

The EM-MBF4 chassis consists of a 12 cm midrange driver and a 16 mm tweeter. The EMPHASER CrystalGrain hybrid cone offers the sonic advantages of a paper cone and improves stiffness and response with a layer of quartz crystals on the top.

The 16 mm fabric dome of the tweeter skillfully brings out the finer details of the music – acoustically precise yet delicate. The result is low-distortion, precise sound for enjoyable music listening.

KEY FEATURES

- Mercedes-Benz W124-specific speaker basket
- Large, powerful ferrite magnet
- CrystalGrain hybrid cone
- Butyl rubber surround for high linear cone excursion
- 25 mm copper wire voice coil, double-wound on a temperature-resistant aluminum voice coil former
- Durable Connex centering spider with woven-in voice coil lead
- Tweeter with 16 mm fabric dome and Neodymium magnet
- Mercedes-Benz W124-specific connection cable contained in the scope of delivery

TECHNICAL DATA

EM-MBF4

Nominal power handling	50 W RMS
Nominal impedance	4 ohms
Frequency response	40 Hz – 22 kHz
Sensitivity 1 W/1 m	84 dB



CrystalGrain hybrid cone



W124-specific speaker basket



Large, powerful ferrite magnet



W124-specific connection cable