

EM-FDFX165

UNIVERSE
INFINITE
POWER
FIDELITY



PLUG & PLAY COMPONENT SYSTEM FOR FORD

The EM-FDFX165 from the EMPHASER UNIVERSE series is a versatile 16.5 cm/6.5" 2-way plug & play speaker set that is compatible with various Ford vehicles. The component system is acoustically tuned to the compatible models and fits perfectly into the original installation openings. All connections are made using the original vehicle connectors.

Thanks to the CRYSTALGRAIN compound cone, the mid bassdriver delivers a very detailed and natural sound. The increased rigidity, low resonance, and optimized damping result in precise, detailed sound reproduction.

The powerful ferrite magnet with a diameter of 85 mm and a height of 15 mm is embedded in two precisely milled 5 mm thick pole plates. This construction ensures that the high magnetic force is effectively directed to the 25 mm voice coil, efficiently converting energy into sound.

The 6 dB/oct. crossover of the midbass driver, equipped with a high-quality air core coil, ensures optimally tuned sound so that no valuable musical detail is lost. The compact cable crossover with its vehicle-specific connections offers a high level of installation convenience and allows for various wiring options – enabling both passive operation via the radio or active operation through separate amplifiers.

The 25 mm fabric dome tweeter, designed without ferrofluid to enhance detail resolution, provides numerous benefits: low distortion, uniform dispersion, and a natural, warm sound. The in-line crossover, integrated into the cable, features a

two-stage level adjustment and separates at 12 dB/oct. at 3400 and 3800 Hz. Together with the midbass crossover, it ensures optimal sound performance in compatible Ford models.

KEY FEATURES

- Plug & play 2-way component system for various Ford models
- Midbass driver with CRYSTALGRAIN cone for detailed sound reproduction
- Rubber surround for extended linear excursion
- High-performance ferrite magnet, 25 mm aluminum voice coil former, 6 dB/oct. cable crossover
- 25 mm tweeter with fabric dome, tweeter without ferrofluid for high dynamics
- High-quality tweeter cable crossover with 12 dB/oct. filter and two selectable crossover frequencies
- Vehicle-specific plug & play connections
- Scope of delivery: 2 x midbass driver, 2 x midbass crossover, 2 x tweeter with crossover, 1 x operating instructions

TECHNICAL DATA

EM-FDFX165

Nominal power handling	50 W RMS
Nominal impedanc	3 ohms
Frequency response	50 Hz – 22 kHz
Sensitivity 1 W/1 m	90 dB



CRYSTALGRAIN compound cone



Tailor-made woofer



Large, powerful ferrite magnet



Plug & play tweeter with cable crossover