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EM-FTFX165 – THE PERFECT FITTING FREEDOM FOR FIAT

The EM-FTFX165 is a versatile 16.5 cm/6.5" 2-way plug & play speaker set, compatible with Fiat vehicles such as the Ducato III and the 500. This component system is acoustically tuned to the compatible models and offers a perfect fit in the original mounting locations. All connections are made using the vehicle's original plugs.

THE MIDBASS DRIVER

Thanks to the CRYSTALGRAIN compound diaphragm, the midbass driver delivers exceptionally detailed and natural sound. Increased stiffness, low resonance, and optimized damping ensure precise and detailed sound reproduction. The powerful ferrite magnet, measuring 85 mm in diameter and 15 mm in height, 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 CROSSOVER

The 6 dB/octave crossover for the midbass driver, equipped with a high-quality air core coil, ensures an optimally balanced sound so that no musical detail is lost. The compact in-line crossover, with its vehicle-specific connectors, offers a high level of installation convenience and allows for different wiring configurations—enabling both passive operation via the radio or active operation through separate amplifiers.

THE TWEETER

The 19 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 wiring, operates at 6 dB/octave at 4700 Hz and features a two-stage level adjustment. Together with the midbass crossover, it ensures optimal sound performance in compatible Fiat models.

KEY FEATURES

- Plug & play 2-way 16.5 cm/6.5" component system for various Fiat models
- Midbass driver with CRYSTALGRAIN compound diaphragm for detailed sound reproduction
- Rubber surround for extended linear excursion
- High-performance ferrite magnet, 25 mm polyimide voice coil former
- 19 mm fabric dome tweeter, ferrofluid-free for high dynamics
- Vehicle-specific plug & play connectors
- High-quality crossovers with multiple filtering options and two-stage tweeter level adjustment: 0/6 dB / 6/6 dB filter @ 4700 / 4000 Hz
- Scope of delivery: 2 x midbass driver, 2 x tweeter, 4 x crossover

TECHNICAL DATA

	EM-FTFX165
Nominal power handling	50 W RMS
Nominal impedance	3 ohms
Frequency response	50 Hz – 22 kHz
Sensitivity 1 W/1 m	90 dB

COMPATIBILITY	Installation in front doors only
Fiat 500 (ZAF 312)	10/2007 – 07/2015 07/2015 – 2023
Fiat Ducato (ZAF 250)	06/2006 – 06/2011 06/2011 – 05/ 2014 05/2014 – 11/2023 11/2023 –
Fiat Grande Punto (ZAF 199)	10/2005 – 05/2010
Fiat Panda (ZAF 312)	03/2012 – 11/2020
Fiat Punto Evo (ZAF 199)	09/2009 – 01/2011
Fiat Punto (ZAF 199)	05/2010 – 01/2011 01/2011 – 01/2012 01/2012 – 08/2018
Fiat Tipo (ZAF 356)	02/2016 – 11/2020
Iveco Daily	1999 – 2006 07/2014 – 2023



CRYSTALGRAIN compound diaphragm



Precisely fitting plug & play woofer



Large, powerful ferrite magnet



Plug & play woofer & tweeter crossovers