

Grand Touring® Series

Component Systems




Highlights

- Proprietary Plus One® woofer cones
- 2-Ohm, high-efficiency design
- Edge-driven MyTi™ tweeter
- Built-in tweeter-level control switch
- New low-distortion, low-Q woofer motor
- Outboard crossovers with polypropylene capacitors

Key Specifications

	GTO508C	GTO608C	GTO6508C	GTO6583C	GTO18T
Size:	130mm	165mm	165mm	165/87mm	25mm
Speaker Setup:	2-Way	2-Way	2-Way	3-Way	Add-on
Type of System:	Component	Component	Component	Component	Tweeter
Power Handling, RMS:	55W	70W	70W	80W	50W
Power Handling, Peak:	165W	210W	210W	240W	150W
Nominal Impedance:	2 Ohms	2 Ohms	2 Ohms	2 Ohms	2 Ohms
Sensitivity (@ 2,83V, 1m):	91dB	92dB	92dB	92dB	92dB
Frequency Response:	65Hz–21kHz	50Hz–21kHz	50Hz–21kHz	50Hz–21kHz	2.5kHz–21kHz
Mounting Depth:	57mm	52mm	59mm	59/39mm	16mm
Crossover Type:	Outboard	Outboard	Outboard	Outboard	In-Wire
Tweeter-Protection (PTC):	Yes	Yes	Yes	Yes	Yes
Tweeter-Level Control:	Yes	Yes	Yes	Yes	No
Plus One® Woofer Cone:	Yes	Yes	Yes	Yes	N/A
Edge-Driven Tweeter:	Yes	Yes	Yes	Yes	Yes

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FEATURES

Plus One® (Patent Pending) cones

- By offering up to 25% more cone surface than that in competing models of the same size, new GTO speakers provide higher efficiency and better bass response.

New 165mm 3-Way System

- More and more cars (e.g., BMW and Volkswagen) offer a dedicated mounting location for midrange drivers. The GT06583C 3-way component system, featuring a separate 87mm midrange driver, fits perfectly into these cars.

Low-Distortion, low-Q woofer design

- The motor design of new GTO woofers offers significantly reduced distortion levels at high volume levels. The low-Q design allows for soft roll-off and better low-frequency extension than on that competing speakers.

Reduced nominal impedance

- These GTO speakers have a nominal impedance of 2 ohms. Therefore, they extract all the power from amplifiers and head units. Carefully designed impedance curves, though, ensure that these speakers do not drive low-quality BTL amps, like those used in inexpensive head units, into overheating.

My-Ti™ tweeter

- Stiff, light and with high efficiency, this new composite tweeter offers far better high-frequency performance, without the high-Q breakup mode associated with metal domes and cones.

Edge-driven tweeters

- With more voice coil surface area to dissipate heat, these tweeters provide higher power handling than smaller do and cheaper balanced-dome tweeters.

Separate crossover networks

- It comes with an easily accessible tweeter-level control switch and a built-in tweeter-protection circuit (PTC). The crossover box has been reduced in footprint, comes with bigger terminals and now also features low-insertion-loss inductors and polypropylene capacitors for best-in-class high audio performance (component systems only).

Improved I-Mount™ (Patent No. 5,859,917) Tweeter-Mounting System

- The extensive accessory set has again been upgraded and now also offers the possibility of pivoting the tweeter with an added angle-surface-mount accessory.

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