



JBL® GTO SERIES SPEAKERS

A complete, innovative line of high-fidelity automotive speakers in popular factory-replacement and aftermarket-size configurations

JBL® GTO Series high-fidelity automotive speakers feature innovative technologies engineered for the environment and conditions in today's cars to deliver exceptional sound. Using the patented Plus One® (patent no. 7,548,631 B2) woofer cone technology and rugged construction materials like reinforced ABS composite frames, butyl rubber surrounds and fabric tweeter diaphragms, GTO Series automotive speakers are the ideal upgrade to any car's audio system. The most popular factory-replacement and aftermarket sizes are covered, including component separates with woofer, tweeter and passive crossover. Easily installed and built to last, JBL GTO Series speakers bring music to life in the car.

HIGHLIGHTS (All Models)

- Advanced carbon composite frames are nonmagnetic to transfer more energy to the voice coil and nonresonant to improve sound quality.
- Light, stiff Plus One cones deliver more diaphragm area than other speakers in the class.
- Frequency response up to 21kHz means a bright, airy sound that opens up the listening space.
- Vented magnet assemblies keep the voice coil cool and reduce power compression over time.
- Three-ohm voice coils help compensate for added resistance in thin-gauge factory speaker wire.
- High sensitivity (91-94dB @ 2.83V/1m) means these speakers play loud even with moderate power.
- Modern cosmetics with high-tech grilles on many models where surface mounting is common.

HIGHLIGHTS (Coaxial Models)

- Edge-driven soft dome tweeter diaphragm delivers a rich detail of vocals and instruments in music and handles power better than other designs. It also has specific dispersion characteristics intended for mounting locations in a car.
- UniPivot™ (patent no. 6,002,780) tweeter on 5-1/4" (130mm) and larger models aims the sound to the listener's ears.
- 0 or +3dB adjustable tweeter level on 5-1/4" (130mm) and larger models to suit on- or off-axis placement.
- Mounting adapter rings included in 4" x 6" and 6-1/2" (165mm) models for increased install coverage.

HIGHLIGHTS (Component Separates)

- 3/4" (19mm) edge-driven soft dome tweeter for greater flexibility in placement within the vehicle's interior.
- Patented I-Mount™ (patent no. 5,859,917) tweeter mounting system allows flush or surface mounting to blend with the interior.
- Dedicated 12dB/octave passive crossover networks increase power handling and musical clarity.

SUMMARY

GTO speakers provide high-end performance at moderate pricing. JBL experts specifically evaluate each model for overall and vocal-range voicing, intermodulation distortion, and performance at the limits. GTO speakers are also tested to strict carmaker reliability standards. Both of these are unique to the JBL development process, something most other competitors never pursue.



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TECHNICAL SPECIFICATIONS (Component Separates)

GTO 509C (Two-way)	5-1/4" (130mm)	GTO 609C (Two-way)	6-1/2" (165mm)
Peak power handling:	225W	Peak power handling:	270W
Power handling:	75W RMS	Power handling:	75W RMS
Recommended power:	5W – 200W RMS	Recommended power:	5W – 200W RMS
Frequency response:	67Hz – 21kHz	Frequency response:	67Hz – 21kHz
Nominal impedance:	3 ohms	Nominal impedance:	3 ohms
Sensitivity (2.83V/1m):	92dB	Sensitivity (2.83V/1m):	92dB

TECHNICAL SPECIFICATIONS (Coaxials and 6" x 9" Three-way)

GTO 329 (Coaxial)	3-1/2" (87mm)	GTO 6429 (Coaxial)	4" x 6"
Peak power handling:	75W	Peak power handling:	135W
Power handling:	25W RMS	Power handling:	45W RMS
Recommended power:	5W – 50W RMS	Recommended power:	5W – 50W RMS
Frequency response:	85Hz – 21kHz	Frequency response:	75Hz – 21kHz
Nominal impedance:	3 ohms	Nominal impedance:	3 ohms
Sensitivity (2.83V/1m):	91dB	Sensitivity (2.83V/1m):	92dB

GTO 429 (Coaxial)	4" (100mm)	GTO 939 (Three-way)	6" x 9"
Peak power handling:	105W	Peak power handling:	300W
Power handling:	35W RMS	Power handling:	100W RMS
Recommended power:	5W – 50W RMS	Recommended power:	5W – 200W RMS
Frequency response:	75Hz – 21kHz	Frequency response:	46Hz – 21kHz
Nominal impedance:	3 ohms	Nominal impedance:	3 ohms
Sensitivity (2.83V/1m):	92dB	Sensitivity (2.83V/1m):	94dB

GTO 529 (Coaxial)	5-1/4" (130 mm)	GTO 8629 (Coaxial)	6" x 8" / 5" x 7"
Peak power handling:	135W	Peak power handling:	180W
Power handling:	45W RMS	Power handling:	60W RMS
Recommended power:	5W – 75W RMS	Recommended power:	5W – 125W RMS
Frequency response:	67Hz – 21kHz	Frequency response:	49Hz – 21kHz
Nominal impedance:	3 ohms	Nominal impedance:	3 ohms
Sensitivity (2.83V/1m):	92dB	Sensitivity (2.83V/1m):	93dB

GTO 629 (Coaxial)	6-1/2" (165 mm)
Peak power handling:	180W
Power handling:	60W RMS
Recommended power:	5W – 125W RMS
Frequency response:	53Hz – 21kHz
Nominal impedance:	3 ohms
Sensitivity (2.83V/1m):	93dB

Also Available - Stand-alone 3/4" Component Tweeter

GTO 19T	3/4" (19mm)
Peak power handling:	135W
Power handling:	45W RMS
Recommended power:	5W – 75W RMS
Frequency response:	2.5kHz – 21kHz
Nominal impedance:	3 ohms
Sensitivity (2.83V/1m):	93dB



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8500 Balboa Boulevard, Northridge, CA 91329 USA

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