

HEAR
THE
TRUTH.



DRIVEN BY SOUND

Car Audio 2014/2015

JBL® SOUND ISN'T JUST HEARD. IT'S DRIVEN.

The JBL brand has been the recognized authority in audio reproduction for more than 60 years. We have built high-output professional loudspeaker systems used in leading recording studios, movie houses and concert venues around the world. But you don't have to be an audio professional to hear your favorite music the way it was recorded, mixed and mastered. Our professional technologies have been adapted to fit your car, taking your on-the-road listening experience to new levels of power and clarity. Whether you're looking at dramatically improving the sound of your factory-installed audio system or you want to put together a world-class sound system from the chassis up, your JBL car audio system has everything you're looking for.



PROUD TO BE LOUD.

GTO SERIES AMPLIFIERS

Setting up a sound system to fill your car requires great power. Thanks to the new JBL GTO series amplifiers your car has exactly that. Top-mounted, clearly marked knobs and color-coded LEDs let you know when you've dialed in concert-quality sound, whether you're upgrading a factory system or building a system from scratch. For years, JBL engineers have made gear that the experts have relied on. Now, we also make gear that helps you perform like an expert.



■ GTO5EZ

80W x 4, 500 x 1 Power Amp

- 50W RMS x 4 channels at 4 ohms + 350W RMS x 1 channel at 4 ohms, 14.4V DC, <1.0% THD
- 75W RMS x 4 channels at 2 ohms + 500W RMS x 1 channel at 2 ohms, 14.4V DC, <1.0% THD
- 150W RMS x 2 channels bridged at 4 ohms + 500W RMS x 1 channel at 2 ohms, 14.4V DC, <1.0% THD



■ GTO804EZ

80W x 4 Power Amp

- 80W RMS x 4 channels at 4 ohms, 14.4V DC, <1.0% THD
- 100W RMS x 4 channels at 2 ohms, 14.4V DC, <1.0% THD
- 200W RMS x 2 channels bridged at 4 ohms, 14.4V DC, <1.0% THD
- Dimensions (L x W x H): 302mm x 66mm x 246mm (11-15/16" x 2-9/16" x 9-11/16")



■ GTO751EZ

750W x 1 Power Amp, specially designed to power your subwoofer(s)

- 500W RMS x 1 channel at 4 ohms, 14.4V DC, <1.0% THD
- 750W RMS x 1 channel at 2 ohms, 14.4V DC, <1.0% THD
- Dimensions (L x W x H): 302mm x 66mm x 246mm (11-15/16" x 2-9/16" x 9-11/16")

THE IDEAL UPGRADE.

GTO SERIES SPEAKERS

JBL GTO Series high-fidelity automotive speakers feature innovative technology 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 separate components with woofer, tweeter and passive crossovers. Easily installed and built to last, JBL GTO Series speakers bring music to life in your car.



■ GTO609C

165mm (6-1/2") 2-way Component System

- Power handling, RMS: 90W, peak: 270W
- Impedance: 3 ohms
- Mounting depth: 51.5mm
- Mounting depth: tweeter 20mm



■ GTO509C

130mm (5-1/4") 2-way Car Audio Component System

- Power handling, RMS: 75W, peak: 225W
- Impedance: 3 ohms
- Mounting depth: 57mm
- Mounting depth: tweeter 20mm



GTO SERIES SPEAKERS



■ GTO629

165mm (6-1/2") 2-way Car Audio Loudspeaker

- Power handling, RMS: 60W, peak: 180W
- Impedance: 3 ohms
- Mounting depth: 49.7mm

GTO SERIES SPEAKERS



■ GTO939

152mm x 228mm (6" x 9") 3-way Car Audio Loudspeaker

- Power handling, RMS: 100W, peak: 300W
- Impedance: 3 ohms
- Mounting depth: 70.3mm



■ GTO19T

19mm (3/4") Tweeter

- Power handling, RMS: 45W, peak: 135W
- Impedance: 3 ohms
- Mounting depth: 20mm



■ GTO429

100mm (4") 2-way Car Audio Loudspeaker

- Power handling, RMS: 35W, peak: 105W
- Impedance: 3 ohms
- Mounting depth: 47.9mm



■ GTO529

130mm (5-1/4") 2-way Car Audio Loudspeaker

- Power handling, RMS: 45W, peak: 135W
- Impedance: 3 ohms
- Mounting depth: 53.3mm



■ GTO329

87mm (3-1/2") 2-way Car Audio Loudspeaker

- Power handling, RMS: 25W, peak: 75W
- Impedance: 3 ohms
- Mounting depth: 34.65mm



■ GTO6429

100mm x 150mm (4" x 6") 2-way Car Audio Loudspeaker

- Power handling, RMS: 45W, peak: 135W
- Impedance: 3 ohms
- Mounting depth: 43mm

ADD MORE SONIC POWER TO YOUR HORSEPOWER.

GX SERIES CAR AMPLIFIERS

Crank up both the volume and the fidelity of your factory-installed car stereo with the new GX Series amplifiers. Ranging from powerful compact stereo amplifiers to the thunderous GX-A3001 with well over 400 watts of raw power to shake the ground, GX Series amplifiers offer high performance at surprisingly affordable prices. If you're looking to add more power to your car stereo, GX series amplifiers make it easy.



■ GX-A602

280-Watt 2-channel Power Amplifier

- Output power (RMS, $\leq 1\%$ THD + N; 4 ohms): 2 x 60W
- Output power (RMS, $\leq 1\%$ THD + N; 2 ohms): 2 x 85W
- Dimensions (L x W x H): 198mm x 206mm x 52mm (7-13/16" x 8-1/8" x 2-1/16")



■ GX-A604

435-Watt 4-channel Power Amplifier

- Output power (RMS, $\leq 1\%$ THD + N; 4 ohms): 4 x 60W
- Output power (RMS, $\leq 1\%$ THD + N; 2 ohms): 4 x 85W
- Dimensions (L x W x H): 300mm x 206mm x 52mm (11-13/16" x 8-1/8" x 2-1/16")



■ GX-A3001

415-Watt Mono Subwoofer Amplifier

- Output power (RMS, $\leq 1\%$ THD + N; 4 ohms): 200W
- Output power (RMS, $\leq 1\%$ THD + N; 2 ohms): 300W
- Dimensions (L x W x H): 291mm x 206mm x 52mm (11-7/16" x 8-1/8" x 2-1/16")

EAR-GRABBING PERFORMANCE. EYE-CATCHING LOOKS.

GX SERIES CAR SPEAKERS

Give your car audio a makeover with the powerful sound and spectacular design of the GX Series car speakers. Designed to fit most factory specs, the GX series speakers flaunt a new HARMAN-proprietary tweeter deflector. These individually voiced speakers also feature Plus One™ woofer cones, three-ohm voice coils for optimal power distribution, and edge-driven soft dome tweeters. Add to this an ogle-worthy design and you've got speakers that do much more than deliver great sound.



■ GX302

87mm (3-1/2") 2-way Car Audio Loudspeaker

- Peak power handling: 75 Watts
- Power handling, continuous average: 25W
- Frequency response: 90Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 89dB



■ GX402

100mm (4") 2-way Car Audio Loudspeaker

- Peak power handling: 105W
- Power handling, continuous average: 35W
- Frequency response: 75Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 90dB



■ GX502

130mm (5-1/4") 2-way Car Audio Loudspeaker

- Peak power handling: 135W
- Power handling, continuous average: 45W
- Frequency response: 65Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 91dB



■ GX602

165mm (6-1/2") 2-way Car Audio Loudspeaker

- Peak power handling: 180W peak
- Power handling, continuous average: 60W
- Frequency response: 50Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 92dB



■ GX642

100mm x 150mm (4" x 6") 2-way Car Audio Loudspeaker

- Peak power handling: 120W
- Power handling, continuous average: 40W
- Frequency response: 75Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 91dB



■ GX862

130mm x 178mm (5" x 7") / 150mm x 200mm (6" x 8") 2-way Car Audio Loudspeaker

- Peak power handling: 180W
- Power handling, continuous average: 60W
- Frequency response: 50Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 92dB



■ GX963

152mm x 228mm (6" x 9") Three-way Car Audio Loudspeaker

- Peak power handling: 210W
- Power handling, continuous average: 100W
- Frequency response: 45Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 94dB



■ GX600C

165mm (6-1/2") Car Audio Component Speaker System

- Peak power handling: 210W
- Power handling, continuous average: 70W
- Frequency response: 50Hz – 21kHz
- Nominal impedance: 2.3 ohms
- Sensitivity (2.83V/m): 92dB

REAL MUSCLE.

GT SERIES SUBWOOFERS & AMPLIFIERS GT BASS SOLUTIONS

Adding a subwoofer is often the first and almost always the most important step in upgrading a car audio system. The GT Series offers plug-and-play systems that make it easy. High-performance GT bass-reflex boxes and high-output amplified subs combine advanced engineering with the best performing materials and components in their price class.

The JBL GT-BassPro12 features a revolutionary Slipstream port design that outperforms competing loaded enclosures. Unlike conventional cylindrical ports, the Slipstream port is much wider at the mouth than in the middle, providing more surface area outside the box, delivering increased bass output with greatly reduced port noise and distortion.

The JBL BassPro™ II is a 100-Watt, 4-channel amplifier driving a unique quad-voice-coil 165 mm subwoofer in a single-vented bandpass box design for maximum output and extremely high power handling. A 12dB/octave electronic low pass filter with selectable 70Hz–100Hz crossover frequency makes the BassPro II easy to integrate with any system, with line-level and speaker-level inputs connecting to virtually any factory-installed head unit.

GTO ENCLOSED SUBWOOFERS & AMPLIFIED SUBWOOFERS



■ GT-BASSPRO12

300mm (12") Powered Subwoofer Box

- 150W RMS (450W max power)
- Variable electronic crossover
- Accepts low-level or high-level inputs
- Remote level control included
- Dimensions (L x D x H): 570mm x 369mm x 300mm (22-7/16" x 14-1/2" x 12")



■ GT5-2402BR

Dual 300mm (12") Bass-Reflex Subwoofer Box

- Power handling, RMS: 550W, peak: 1600W
- Impedance: 2 ohms
- Dimensions (L x D x H): 889mm x 318mm x 393mm (35" x 12-1/2" x 15-7/16")
- MDF cabinet
- Slipstream™ port design



■ GT5-1204BR

300mm (12") Bass-Reflex Subwoofer Box

- Power handling, RMS: 275W, peak: 1100W
- Impedance: 4 ohms
- Dimensions (L x D x H): 570mm x 300mm x 369mm (22-7/16" x 12" x 14-1/2")
- MDF cabinet
- Slipstream™ port design

GT SERIES SUBWOOFERS



■ BASSPRO II

Amplified Subwoofer System

- 100W RMS 4-channel amplifier
- Quad-voice-coil subwoofer
- Variable electronic crossover
- Accepts low-level or high-level inputs
- Remote bass-level control included
- Dimensions (L x D x H): 410mm x 242mm x 312mm (16-1/8" x 9-1/2" x 12-1/4")



■ GT5-12

300mm (12") Single-Voice-Coil Subwoofer

- Power handling, RMS: 275W, peak: 1100W
- Impedance: 4 ohms
- Mounting depth: 164mm (6-7/16")
- Sensitivity: 93 dB

SOUND AND STYLE THAT MAKE HEADS TURN.

GT7 SERIES CAR SPEAKERS

JBL GT7 Series speakers are the optimal choice for audiophiles who want to upgrade their factory car audio systems. Featuring Plus One woofer cones and a frequency response of up to 21 kHz, the individually-voiced GT7 Series speakers are designed to blow you away. What's more, installation is hassle-free because they fit most factory sizes and come with all the required mounting hardware.



- **GT7-4**
**100mm (4") 2-way
 Car Audio Loudspeaker**
- Peak power handling: 90W
 - Power handling, continuous average: 30W
 - Frequency response: 75Hz – 20kHz
 - Nominal impedance: 4 ohms
 - Sensitivity (2.83V/m): 90dB



- **GT7-5**
**130mm (5-1/4") 2-way
 Car Audio Loudspeaker**
- Peak power handling: 105W
 - Power handling, continuous average: 35W
 - Frequency response: 70Hz – 20kHz
 - Nominal impedance: 4 ohms
 - Sensitivity (2.83V/m): 93dB



- **GT7-5C**
**130mm (5-1/4") Component Car Audio
 Loudspeaker System**
- Peak power handling: 135W peak
 - Power handling, continuous average: 45W
 - Frequency response: 65Hz – 20kHz
 - Nominal impedance: 4 ohms
 - Sensitivity (2.83V/m): 92dB



- **GT7-6**
**165mm (6-1/2") 2-way
 Car Audio Loudspeaker**
- Peak power handling: 135W peak
 - Power handling, continuous average: 45W
 - Frequency response: 55Hz – 20kHz
 - Nominal impedance: 4 ohms
 - Sensitivity (2.83V/m): 93dB



- **GT7-6C**
**165mm (6-1/2") Component Car Audio
 Loudspeaker System**
- Peak power handling: 150W
 - Power handling, continuous average: 50W
 - Frequency response: 50Hz – 20kHz
 - Nominal impedance: 4 ohms
 - Sensitivity (2.83V/m): 92dB



- **GT7-86**
**130mm x 178mm (5" x 7") /
 150mm x 200mm (6" x 8")
 2-way Car Audio Loudspeaker**
- Peak power handling: 180W
 - Power handling, continuous average: 60W
 - Frequency response: 45Hz – 20kHz
 - Nominal impedance: 4 ohms
 - Sensitivity (2.83V/m): 93dB



- **GT7-96**
**152mm x 228mm (6" x 9") Three-way
 Car Audio Loudspeaker**
- Peak power handling: 210W
 - Power handling, continuous average: 70W
 - Frequency response: 40Hz – 21kHz
 - Nominal impedance: 4 ohms
 - Sensitivity (2.83V/m): 94dB



DO THE MILES IN STYLE.

CS7 SERIES CAR SPEAKERS

JBL CS7 Series speakers are the no-brainer upgrade for those who want to rock their ride. They're easy to install, feature external crossover housing, fit practically any stock size and can be driven by any factory head unit. And with Plus One woofer cones, they give you the power of a home audio system even on the road.



■ CS742

**100mm (4") 2-way
Car Audio Loudspeaker**

- Peak power handling: 90W
- Power handling, continuous average: 30W
- Frequency response: 75Hz – 20kHz
- Nominal impedance: 4 ohms
- Sensitivity (2.83V/m): 90dB



■ CS752

**130mm (5-1/4") 2-way
Car Audio Loudspeaker**

- Peak power handling: 105W
- Power handling, continuous average: 35W
- Frequency response: 70Hz – 20kHz
- Nominal impedance: 4 ohms
- Sensitivity (2.83V/m): 93dB



■ CS762

**165mm (6-1/2") 2-way
Car Audio Loudspeaker**

- Peak power handling: 135W
- Power handling, continuous average: 45W
- Frequency response: 55Hz – 20kHz
- Nominal impedance: 4 ohms
- Sensitivity (2.83V/m): 93dB



■ CS760C

**165mm (6-1/2") Component Car Audio
Loudspeaker System**

- Peak power handling: 150W
- Power handling, continuous average: 50W
- Frequency response: 55Hz – 20kHz
- Nominal impedance: 4 ohms
- Sensitivity (2.83V/m): 92dB



■ CS769

**152mm x 228mm (6" x 9") Three-way
Car Audio Loudspeaker**

- Peak power handling: 210W peak
- Power handling, continuous average: 70W
- Frequency response: 40Hz – 21kHz
- Nominal impedance: 4 ohms
- Sensitivity (2.83V/m): 94dB

SPECIFICATIONS

GTO AMPLIFIERS



| AMPLIFIERS | GTO5EZ 80W x 4, 500 x 1 Power Amp | GTO804EZ 4-channel Full-Range Amplifier | GTO751EZ 750W x 1 Power Amp Mono Subwoofer Amplifier |
|--|---|--|--|
| Audio Features/Specifications | | | |
| Number of Channels/Type | 4 + 1 channel | 4 Full-range channels | 1 channel |
| 4-Ohm Power Output | 50W RMS x 4 channels at 4 ohms + 350W RMS x 1 channel at 4 ohms, 14.4V DC, <1.0% THD | 80W RMS x 4 channels at 4 ohms, 14.4V DC, <1.0% THD | 500W RMS x 1 channel at 4 ohms, 14.4V DC, <1.0% THD |
| 2-Ohm Power Output | 75W RMS x 4 channels at 2 ohms + 500W RMS x 1 channel at 2 ohms, 14.4V DC, <1.0% THD | 100W RMS x 4 channels at 2 ohms, 14.4V DC, <1.0% THD | 750W RMS x 1 channel at 2 ohms, 14.4V DC, <1.0% THD |
| Bridged Power Output | 150W RMS x 2 channels bridged at 4 ohms + 500W RMS x 1 channel at 2 ohms, 14.4V DC, <1.0% THD | 200W RMS x 2 channels bridged at 4 ohms, 14.4V DC, <1.0% THD | — |
| Total Peak Power Output | 1935W | 940W | 1200W |
| Class D Operation | Subwoofer Channel Only | — | Yes |
| Signal-to-Noise Ratio | > 85dB (ref: rated power, 4 ohms) | 85dB (ref: rated power, 4 ohms) | > 80dB (ref: rated power, 4 ohms) |
| Frequency Response | 20Hz – 23kHz (±0.5dB) front and rear channels; 10Hz – 280Hz (±3dB) sub channel | 20Hz – 23kHz (±0.5dB) | 10Hz – 280Hz (±3dB) |
| Input Sensitivity | 50mV-20V | — | 50mV-20V |
| Control and Connection Features | | | |
| Variable Electronic Crossover | Yes | — | Yes |
| Subsonic Filter | No | — | No |
| Dynamic Bass Optimization (DBO) | No | No | No |
| Variable Bass Boost | Subwoofer channel only | — | No |
| Type Bass-Level Remote Control | Wired | — | No |
| Input Connections | Speaker/Line level (RCA) | — | Speaker/Line level (RCA) |
| Speaker Connections | Yes | — | Yes |
| Signal Output Connections | Barrier Strip | — | Barrier Strip |
| Backlit Logo Badge and Dual LED Lightbars | No | No | No |
| General Specifications | | | |
| Dimensions (L x W x H – Metric, English) | 373mm x 66mm x 246mm (14-11/16" x 2-9/16" x 9-11/16") | 302mm x 66mm x 246mm (11-15/16" x 2-9/16" x 9-11/16") | 302mm x 66mm x 246mm (11-15/16" x 2-9/16" x 9-11/16") |

SPECIFICATIONS

GX AMPLIFIERS



| AMPLIFIERS | GX-A602 2-channel Full-Range Amplifier | GX-A604 4-channel Full-Range Amplifier | GX-A3001 Mono Subwoofer Amplifier |
|--|---|---|---|
| Audio Features/Specifications | | | |
| Number of Channels/Type | 2 channels | 4 channels | Mono / subwoofer |
| 4-Ohm Power Output | 60W rms x 2, <1% THD+N | 60W rms x 4, <1% THD+N | 200W rms x 1, <1% THD+N |
| 2-Ohm Power Output | 85W rms x 2, <1% THD+N | 85W rms x 4, <1% THD+N | 300W rms x 1, <1% THD+N |
| 1-Ohm Power Output | — | — | — |
| 4-Bridged Power Output | 170W rms Mono, <1% THD+N | 170W rms x 2, <1% THD+N | 170W rms x 2, <1% THD+N |
| Total Peak Power Output | 280W | 435W | 415W |
| Class D Operation | No | No | — |
| Signal-to-Noise Ratio | 93dB (ref rated output @ 4) | 93dB (ref rated output @ 4) | 93dB (ref rated output @ 4) |
| Frequency Response | 10Hz – 100kHz (-3dB) | 10Hz – 100kHz (-3dB) | 10Hz – 330Hz (-3dB) |
| THD + N | 0.05% at rated power (4 ohms) | 0.05% at rated power (4 ohms) | 0.05% at rated power (4 ohms) |
| Input Sensitivity | 200mV-6V | 200mV-6V | 200mV-6V |
| Control and Connection Features | | | |
| Variable Electronic Crossover | Selectable low-pass or high-pass filter 32Hz-320Hz, can be bypassed | Front & rear independent selectable and low-pass or high-pass filters, 32Hz-320Hz, 12dB/octave, can be bypassed | Low pass filter 32-320Hz 12dB/octave |
| Subsonic Filter | No | No | No |
| Dynamic Bass Optimization (DBO) | No | No | No |
| Variable Bass Boost | Switch +6dB @ 50Hz | Rear channels, 0 - +6dB | No |
| Type Bass-level Remote Control | Not possible | Not possible | Not possible |
| Input Connections | L & R line-level | 4 x Line-level; Front L & R, Rear L & R | L & R line-level |
| Speaker Connections | 2 | 4 | 2 |
| Signal Output Connections | No | L & R line-level (summed) | Line-level (pass-through) |
| Backlit Logo Badge and Dual LED Lightbars | Only backlit logo | Only backlit logo | Only backlit logo |
| General Specifications | | | |
| Dimensions (L x W x H) | 198mm x 206mm x 52mm | 300mm x 206mm x 52mm | 291mm x 206mm x 52mm |

SPECIFICATIONS

GTO SPEAKERS



| SPEAKERS | GTO19T Car Audio Component Tweeter | GTO329 2-way Car Audio Loudspeaker | GTO429 2-way Car Audio Loudspeaker | GTO529 2-way Car Audio Loudspeaker | GTO629 2-way Car Audio Loudspeaker |
|---|--|---|--|---|---|
| Speaker Features/Specifications | | | | | |
| Type | 3/4" Car Audio Component Tweeter | 87mm (3-1/2") 2-way Car Audio Loudspeaker | 100mm (4") 2-way Car Audio Loudspeaker | 130mm (5-1/4") 2-way Car Audio Loudspeaker | 165mm (6-1/2") 2-way Car Audio Loudspeaker |
| Low-Frequency Transducer | — | Plus One woofer cone | Plus One woofer cone | Plus One woofer cone | Plus One woofer cone |
| High-Frequency Transducer | Edge-driven soft dome tweeter | Textile balanced dome tweeter | Textile balanced dome tweeter | Edge-driven soft dome tweeter with level adjustment | Edge-driven soft dome tweeter with level adjustment |
| Power Handling, RMS | 45W | 25W | 35W | 45W | 60W |
| Power Handling, Peak | 135W | 75W | 105W | 135W | 180W |
| Frequency Response | 2.5Hz – 21kHz | 85Hz – 21kHz | 75Hz – 21kHz | 67Hz – 21kHz | 53Hz – 21kHz |
| Nominal Impedance | 3 ohms | 3 ohms | 3 ohms | 3 ohms | 3 ohms |
| Sensitivity (2.83V@1m) | 93dB | 91dB | 92dB | 92dB | 93dB |
| Crossover | 4.0 kHz | 5.0 kHz | 5.0 kHz | 4.5 kHz | 3.5 kHz |
| Controls/Adjustments | — | — | — | Tweeter level, 0dB / +3dB | Tweeter level, 0dB / +3dB |
| External Diameter (Metric, English) | 47mm (1-7/8") | 91mm (3-9/16") | 100mm (3-15/16") | 131mm (5-3/16") | 158mm (6-1/4") |
| Mounting Cutout Diameter (Metric, English) | 41mm (1-5/8") | 79mm (3-1/8") | 120mm (4-3/4") | 119mm (4-11/16") | 129mm (5-1/16") |
| Mounting Depth (Metric, English) | 20mm (13/16") | 35mm (1-3/8") | 48mm (1-15/16") | 54mm (2-1/8") | 50mm (2") |



| SPEAKERS | GTO939 3-way Car Audio Loudspeaker | GTO6429 2-way Car Audio Loudspeaker | GTO509C 2-way Car Audio Component System | GTO609C 2-way Car Audio Component System |
|---|---|---|--|--|
| Speaker Features/Specifications | | | | |
| Type | 150mm x 230mm (6" x 9") 3-way Car Audio Loudspeaker | 100mm x 160mm (4" x 6") 2-way Car Audio Loudspeaker | 130mm (5-1/4") 2-way Car Audio Component System | 165mm (6-1/2") 2-way Car Audio Component System |
| Low-Frequency Transducer | Plus One woofer cone | Plus One woofer cone | Plus One woofer cone | Plus One woofer cone |
| High-Frequency Transducer | Edge-driven dome super tweeter | Balanced soft dome tweeter | Edge-driven soft dome tweeter | Edge-driven soft dome tweeter |
| Power Handling, Peak | 300W | 135W | 225W | 270W |
| Frequency Response | 46Hz – 21kHz | 75Hz – 21kHz | 67Hz – 21kHz | 53Hz – 21kHz |
| Nominal Impedance | 3 ohms | 3 ohms | 3 ohms | 3 ohms |
| Sensitivity (2.83V@1m) | 94dB | 92dB | 92dB | 93dB |
| Crossover | 3.0 kHz | 4.5 kHz | 3.8 kHz | 4.0 kHz |
| Controls/Adjustments | Tweeter level, 0dB / +3dB | — | Tweeter level, 0dB / +3dB | Tweeter level, 0dB / +3dB |
| External Diameter (Metric, English) | 243mm x 172mm (9-9/16" x 6-13/16") | 156mm x 95mm (6-1/8" x 3-3/4") | Woofer: 158mm (6-1/4") Tweeter: 47mm (1-7/8") | Woofer: 175mm (6-7/8") Tweeter: 47mm (1-7/8") |
| Mounting Cutout Diameter (Metric, English) | 219mm x 149mm (8-5/8" x 5-7/8") | 146mm x 84mm (5-3/4" x 3-5/16") | Woofer: 118mm (4-11/16") Tweeter: 41mm (1-5/8") | Woofer: 127mm (5") Tweeter: 41mm (1-5/8") |
| Mounting Depth (Metric, English) | 71mm (2-13/16") | 43mm (1-11/16") | Woofer: 57mm (2-1/4") Tweeter: 20mm (13/16") | Woofer: 52mm (2-1/16") Tweeter: 20mm (13/16") |

SPECIFICATIONS

GX SPEAKERS



| SPEAKERS | GX302 2-way Car Audio Loudspeaker | GX402 2-way Car Audio Loudspeaker | GX502 2-way Car Audio Loudspeaker | GX602 2-way Car Audio Loudspeaker | GX642 2-way Car Audio Loudspeaker |
|---|---|---|---|---|---|
| Speaker Features/Specifications | | | | | |
| Type | 3-1/2" Coaxial Car Audio Loudspeaker | 4" Coaxial Car Audio Loudspeaker | 5-1/4" Coaxial Car Audio Loudspeaker | 6-1/2" Coaxial Car Audio Loudspeaker | 4" x 6" Coaxial Car Audio Loudspeaker |
| Low-Frequency Transducer | 3-1/2" Plus One Cone | 4" Plus One Cone | 5-1/4" Plus One Cone | 6-1/2" Plus One Cone | 4" x 6" Plus One Cone |
| High-Frequency Transducer | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome |
| Power Handling, RMS | 25W | 35W | 45W | 60W | 40W |
| Power Handling, Peak | 75W | 105W | 135W | 180W | 120W |
| Frequency Response | 90Hz – 21kHz | 75Hz – 21kHz | 65Hz – 21kHz | 50Hz – 21kHz | 75Hz – 21kHz |
| Nominal Impedance | 2.3 ohms | 2.3 ohms | 2.3 ohms | 2.3 ohms | 2.3 ohms |
| Sensitivity (2.83V/m) | 89dB | 90dB | 91dB | 92dB | 91dB |
| Crossover | Onboard | Onboard | Onboard | Onboard | Onboard |
| Controls/Adjustments | None | None | None | None | None |
| External Diameter (Metric, English) | 89mm (3-9/16") | 104mm (4-1/8") | 130mm (5-1/8") | 165mm (6-1/2") | 102mm x 159mm (4-1/16" x 6-5/16") |
| Mounting Cutout Diameter (Metric, English) | 79mm (3-1/8") | — | 120mm (4-3/4") | 129mm (5-1/8") | 86mm x 145mm (3-7/16" x 5-3/4") |
| Mounting Depth (Metric, English) | 36mm (1-7/16") | 47mm (1-7/8") | 57mm (2-1/4") | 52mm (5-1/8") | 47mm (1-7/8") |



| SPEAKERS | GX862 2-way Car Audio Loudspeaker | GX963 2-way Car Audio Loudspeaker | GX600C 2-way Car Audio Component Set |
|---|---|---|--|
| Speaker Features/Specifications | | | |
| Type | 5" x 7" / 6" x 8" Coaxial Car Audio Loudspeaker | 6" x 9" Three-way Car Audio Loudspeaker | 6-1/2" Car Audio Component Speaker System |
| Low-Frequency Transducer | 5" x 7"/6" x 8" Plus One Cone | 6" x 9" Plus One Cone | 6.5" Plus One Cone |
| High-Frequency Transducer | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome |
| Power Handling, RMS | 60W | 100W | 70W |
| Power Handling, Peak | 180W | 210W | 210W |
| Frequency Response | 50Hz – 21kHz | 45Hz – 21kHz | 50Hz – 21kHz |
| Nominal Impedance | 2.3 ohms | 2.3 ohms | 2.3 ohms |
| Sensitivity (2.83V/m) | 92dB | 94dB | 92dB |
| Crossover | Onboard | Onboard | Separate network |
| Controls/Adjustments | None | None | Tweeter level, 0dB/+3dB |
| External Diameter (Metric, English) | 143mm x 220mm (5-11/16" x 8-11/16") | 164mm x 235mm (6-1/2" x 9-5/16") | 166mm (6-1/2") |
| Mounting Cutout Diameter (Metric, English) | 126mm x 185mm (5" x 7-5/16") | 150mm x 221mm (5-15/16" x 8-3/4") | 129mm (5-1/8") |
| Mounting Depth (Metric, English) | 61mm (2-7/16") | 74mm (2-7/8") | 52mm (2-1/16") |

SPECIFICATIONS

GT7 SPEAKERS



| SPEAKERS | GT7-4 2-way Car Audio Loudspeaker | GT7-5 2-way Car Audio Loudspeaker | GT7-5C 2-way Audio Component Set | GT7-6 2-way Car Audio Loudspeaker |
|--|--------------------------------------|--------------------------------------|---|--------------------------------------|
| Speaker Features/Specifications | | | | |
| Type | 4" Coaxial Car Audio Loudspeaker | 5-1/4" Coaxial Car Audio Loudspeaker | 5-1/4" Car Audio Component Speaker System | 6-1/2" Coaxial Car Audio Loudspeaker |
| Low-Frequency Transducer | 4" Plus One Cone | 5-1/4" Plus One Cone | 5-1/4" Plus One Cone | 6-1/2" Plus One Cone |
| High-Frequency Transducer | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome |
| Power Handling, RMS | 30W | 35W | 45W | 45W |
| Power Handling, Peak | 90W | 105W | 135W | 135W |
| Frequency Response | 75Hz – 20kHz | 70Hz – 20kHz | 65Hz – 20kHz | 55Hz – 20kHz |
| Nominal Impedance | 4 ohms | 4 ohms | 4 ohms | 4 ohms |
| Sensitivity (2.83V/m) | 90dB | 93dB | 93dB | 93dB |
| Crossover | Onboard | Onboard | Separate network | Onboard |
| Controls/Adjustments | None | None | Tweeter level, 0dB/+3dB | None |
| External Diameter (Metric, English) | 99mm (3-29/32") | 130mm (5-1/8") | 130mm (5-1/8") | 166mm (6-9/16") |
| Mounting Cutout Diameter (Metric, English) | 88mm (3-15/32") | 120mm (4-3/4") | 120mm (4-3/4") | 143mm (5-11/16") |
| Mounting Depth (Metric, English) | 51mm (2") | 57mm (2-1/4") | 58mm (2-9/32") | 59mm (2-3/8") |



| SPEAKERS | GT7-6C 2-way Audio Component Set | GT7-86 2-way Car Audio Loudspeaker | GT7-96 3-way Car Audio Loudspeaker |
|--|---|---|---|
| Speaker Features/Specifications | | | |
| Type | 6-1/2" Component Car Audio Loudspeaker System | 5" x 7" / 6" x 8" Coaxial Car Audio Loudspeaker | 6" x 9" Three-way Car Audio Loudspeaker |
| Low-Frequency Transducer | 6-1/2" Plus One Cone | 5" x 7" / 6" x 8" Plus One Cone | 6" x 9" Plus One Cone |
| High-Frequency Transducer | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome |
| Power Handling, RMS | 50W | 60W | 70W |
| Power Handling, Peak | 150W | 180W | 210W |
| Frequency Response | 50Hz – 20kHz | 45Hz – 20kHz | 40Hz – 21kHz |
| Nominal Impedance | 4 ohms | 4 ohms | 4 ohms |
| Sensitivity (2.83V/m) | 92dB | 93dB | 94dB |
| Crossover | Separate network | Onboard | Onboard |
| Controls/Adjustments | Tweeter level, 0dB/+3dB | None | None |
| External Diameter (Metric, English) | 166mm (6-9/16") | 144mm x 229mm (5-11/16" x 9-1/8") | 164mm x 235mm (6-1/2" x 9-5/16") |
| Mounting Cutout Diameter (Metric, English) | 143mm (5-11/16") | 182mm (7-3/16") | 221mm (8-3/4") |
| Mounting Depth (Metric, English) | 59mm (2-3/8") | 56mm (2-7/32") | 74mm (2-15/16") |

SPECIFICATIONS

CS7 SPEAKERS



| SPEAKERS | CS742 2-way Car Audio Loudspeaker | CS752 2-way Car Audio Loudspeaker | CS762 2-way Car Audio Loudspeaker |
|--|--------------------------------------|--------------------------------------|--------------------------------------|
| Speaker Features/Specifications | | | |
| Type | 2-way Car Audio Loudspeaker | 2-way Car Audio Loudspeaker | 2-way Car Audio Loudspeaker |
| Low-Frequency Transducer | 4" Plus One Cone | 5-1/4" Plus One Cone | 6-1/2" Plus One Cone |
| High-Frequency Transducer | 1" titanium-laminate dome | 1" titanium-laminate dome | 1" titanium-laminate dome |
| Power Handling, RMS | 30W | 35W | 45W |
| Power Handling, Peak | 90W | 105W | 135W |
| Frequency Response | 75Hz – 20kHz | 70Hz – 20kHz | 55Hz – 20kHz |
| Nominal Impedance | 4 ohms | 4 ohms | 4 ohms |
| Sensitivity (2.83V/m) | 90dB | 93dB | 93dB |
| Crossover | Onboard | Onboard | Onboard |
| Controls/Adjustments | None | None | None |
| External Diameter (Metric, English) | 99mm (3-29/32") | 130mm (5-1/8") | 165mm (6-1/2") |
| Mounting Cutout Diameter (Metric, English) | 88mm (3-15/32") | 120mm (4-3/4") | 143mm (5-5/8") |
| Mounting Depth (Metric, English) | 51mm (2") | 58mm (2-9/32") | 59mm (2-5/16") |



| SPEAKERS | CS769 3-way Car Audio Loudspeaker | CS760C 2-way Audio Component Set |
|--|---|---|
| Speaker Features/Specifications | | |
| Type | 6" x 9" Three-way Car Audio Loudspeaker | 6-1/2" Component Car Audio Loudspeaker System |
| Low-Frequency Transducer | 6" x 9" Plus One Cone | 6-1/2" Plus One Cone |
| High-Frequency Transducer | 1" titanium-laminate dome | 1" titanium-laminate dome |
| Power Handling, RMS | 70W | 50W |
| Power Handling, Peak | 210W | 150W |
| Frequency Response | 40Hz – 21kHz | 55Hz – 20kHz |
| Nominal Impedance | 4 ohms | 4 ohms |
| Sensitivity (2.83V/m) | 94dB | 92dB |
| Crossover | Onboard | Onboard |
| Controls/Adjustments | None | None |
| External Diameter (Metric, English) | 235mm x 165mm (9-1/4" x 6-1/2") | 165mm (6-1/2") |
| Mounting Cutout Diameter (Metric, English) | 150mm x 221mm (5-15/16" x 8-3/4") | 143mm (5-5/8") |
| Mounting Depth (Metric, English) | 75mm (2-31/32") | 59mm (2-5/16") |

SPECIFICATIONS

GTO ENCLOSED SUBWOOFERS & AMPLIFIED SUBWOOFERS



ENCLOSED SUBWOOFERS

GT5-2402BR
Dual 12" (300mm)
Bass-Reflex Subwoofer Box

GT5-1204BR
12" (300mm)
Bass-Reflex Subwoofer Box

Woofers Features/Specifications

| Type | Enclosed Bass-Reflex Subwoofer | Enclosed Bass-Reflex Subwoofer |
|--|--|--|
| Low-Frequency Transducer | Two 12" (300mm) Polypropylene cones | 12" (300mm) Polypropylene cones |
| Voice Coil | 2" (51mm) diameter | 2" (51mm) diameter |
| Power Handling, RMS | 550W | 275W |
| Power Handling, Peak | 1600W | 1100W |
| Frequency Response | 40Hz-200Hz | 45Hz-150Hz |
| Nominal Impedance | 2 ohms | 4 ohms |
| Sensitivity (2.83V@1m) | 95dB | 92dB |
| Enclosure Type | MDF, bass-reflex, with Slipstream™ port | MDF, bass-reflex, with Slipstream™ port |
| Connector Type | Binding Post | Binding Post |
| Grille | Metal speaker protector bars | Metal speaker protector bars |
| Dimensions (W x H x D - Metric, English) | 889mm x 393mm x 318mm (35" x 15-7/16" x 12-1/2") | 570mm x 369mm x 300mm (22-7/16" x 14-1/2" x 12") |



AMPLIFIED SUBWOOFERS

BassPro II
Amplified
Subwoofer System

GT-BassPro12
Amplified
Subwoofer System

Woofers Features/Specifications

| Type | Amplified Subwoofer | Amplified Subwoofer |
|--|---|---|
| Low-Frequency Transducer | 6" Cone | 12" Cone |
| Voice Coil | Quad | 2" (5mm) diameter |
| Enclosure Type | Bandpass | Ported |
| Amplifier Power, RMS | 100W (4-channel) | 150W |
| Power Handling, RMS | — | — |
| Frequency Response | 20Hz-120Hz | 35Hz-120Hz |
| Crossover Frequency/Slope | 70Hz-120Hz, 12dB/octave | 70Hz-120Hz |
| Input Sensitivity | 50mV-4V (line-level); 1V-16V (hi-level) | 50mV-4V (line-level); 0.4V-16V (speaker-level) |
| Controls | Remote bass-level | Crossover frequency, phase, bass boost, level, level remote |
| Connections | Line-level inputs, hi-level inputs, remote volume control | Line-level inputs, hi-level inputs, remote volume control |
| Grille | None | Metal speaker protector bars |
| Current Draw (Full Power) | 12A | 13.5A |
| Current Draw (Idle) | <800mA | <500mA |
| Dimensions (L x W x H - Metric, English) | 410mm x 242mm x 312mm (16-1/8" x 9-1/2" x 12-1/4") | 570mm x 369mm x 300mm (22-7/16" x 14-1/2" x 12") |

SPECIFICATIONS

GTO SUBWOOFERS



SUBWOOFERS

GT5-12
12" (300mm)
Subwoofer

Woofers Features/Specifications

| | |
|--|------------------|
| Power Handling, RMS | 275W |
| Power Handling, Peak | 1100W |
| Frequency Response | 23Hz-450Hz |
| Nominal Impedance | 4 ohms |
| Sensitivity (2.83V@1m) | 93dB |
| Diecast Aluminum Frame | No |
| Vented Polepiece | Yes |
| Surround | Hi-roll rubber |
| Progressive Spider | Yes |
| Grille | None |
| External Diameter (Metric, English) | 313mm (12-5/16") |
| Mounting Cutout Diameter (Metric, English) | 286mm (11-1/4") |
| Mounting Depth (Metric, English) | 164mm (6-7/16") |

Thiele-Small Parameters

| | |
|--|-----------|
| Voice Coil DC Resistance (R _{vc} - ohms) | 4 |
| Voice Inductance @ 1kHz (L _{vc} - mH) | 1.26 |
| Driver Radiating Area (S _d - in ² /cm ²) | 82.15/530 |
| Motor Force Factor (Bl - Tm) | 15.2 |
| Compliance Volume (V _{as} - ft ³ / l) | 1.9/54.2 |
| Suspension Compliance (C _{ms} - μm/N) | 135 |
| Moving Mass, Air Load (M _{ms} - g) | 223 |
| Moving Mass, Diaphragm (M _{md} - g) | 216 |
| Free-Air Resonance (F _s - Hz) | 29 |
| Mechanical Q (Q _{ms}) | 6.39 |
| Electrical Q (Q _{es}) | 0.64 |
| Total Q (Q _{ts}) | 0.58 |
| Magnetic Gap Height (H _{ag} - in/mm) | 0.315/8 |
| Voice Coil Height (H _{vc} - in/mm) | 1.43/36.4 |
| Maximum Excursion (X _{max} - in/mm) | 0.56/14.2 |

HEAR
THE
TRUTH.



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