

JBL Stage3 High Performance Multi Element Speakers User Guide

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JBL Stage3 High-Performance Multi-Element Speakers



Ultimate Car Audio by JBL.

JBL Stage3 speakers bring patented technologies, world-class engineering and JBL pro sound heritage together to create a powerful line of car audio loudspeakers. Focusing on performance and fitment, they bring unrivaled sound performance to your vehicle. The high output 2 ohm DCR design extracts every watt of power from the amplifier or head unit enabling the patented Plus One™ woofers to deliver high output and solid deep bass performance. Our rigorous OEM-level reliability testing provides peace of mind when it's time to crank it up for that inimitable JBL adrenalin surge.



Features

- Plus One™ Woofers Cones
- Edge-driven dome tweeter
- Engineered to Fit
- External Crossover with 0/+2dB Tweeter level control Vented basket Frame design
- Competitively Tuned

Stage3 Speakers

High-performance multi-element speakers and component systems engineered to deliver world-class JBL performance and superior fit into most factory speaker locations.

Features and Benefits

Plus One™ Woofers Cones

Harman's patented (US patent #7,548,631) Plus One™ polypropylene woofer cones provide increased cone area of up to 35% by moving the attachment point between the surround and the frame outward. The benefit of this technology is an increase in overall efficiency by up to 2dB. This provides superior output and performance when used as an upgrade to a factory system and also for a pure aftermarket system with outboard amplification.

Edge-driven dome tweeter

Edge-drive dome tweeters on 6-1/2" component system and 6" x 9" 3 way speakers deliver broader and smoother high frequency response.

Engineered to Fit

Close attention to fitment is paramount to the success of this speaker family.

External Crossover with 0/+2dB Tweeter level control

The Stage3 6-1/2" component systems feature external crossovers to precisely manage frequency distribution between the mic-woofer and tweeter. To allow for further system tuning, a 0/+2dB tweeter level control has been providing allow for adjustment based on tweeter location.

Vented basket Frame design

The super-rigid vented baskets help to cool the voice coils making for a reliable speaker. Not only do these look cool but they provide a real world benefit by wicking heat way from the motor structure almost like a fan as the cone moves through its stroke. The benefits are lower distortion at high output levels, a longer lasting speaker and higher power handling.

Competitively Tuned

For most brands, off-the-shelf speakers and a cursory approval of frequency response curves are good enough.

That's not the case with JBL. We don't only listen to our speakers against the competition – we voice them against each other to ensure each line has the consistent JBL sound signature that's known and sought out by those who care about their audio. This is just part of an extensive development process undertaken by some of the best transducer engineers in the world to provide the finest listening experience at any price point.

What's in the Box

- Stage3 427
 - 2 x Speakers
 - 2 x Grilles
 - 8 x screws
 - 8 x speed clips
- Stage3 427F
 - 2 x Speakers
- Stage3 527
 - 2 x Speakers
 - 2 x Grilles
 - 8 x screws
 - 8 x speed clips
- Stage3 527F
 - 2 x Speakers
- Stage3 627
 - 2 x Speakers
 - 2 x Grilles
 - 8 x screws
 - 8 x speed clips
- Stage3 627F

- 2 x Speakers
- Stage3 607C
 - 2 x Speakers
 - 2 x Grilles
 - 2 x Crossovers
 - 2 x Tweeters
 - 2 x Flush-mount cups
 - 2 x Surface-mount cups
 - 8 x short screws
 - 8 x long screws
 - 8 x speed clips
- Stage3 607CF
 - 2 x Speakers
 - 2 x Crossovers
 - 2 x Tweeters
 - 2 x Flush-mount cups
 - 2 x Surface-mount cups
 - 4 x long screws
 - 4 x short screws
- Stage3 9637
 - 2 x Speakers
 - 2 x Grilles
 - 8 x screws
 - 8 x speed clips
- Stage3 9637F
 - 2 x Speakers
- Stage3 637F
 - 2 x Speakers
- Stage3 8627
 - 2 x Speakers
- Stage3 6427
 - 2 x Speakers

Technical Specifications



- **Stage3 427**

4" (100mm) 2-way coaxial car speaker Power Handling: 30Wrms, 150W peak Sensitivity (@ 2.83V/1m): 90dB
Frequency Response: 75Hz – 20kHz Impedance: 3ohms

- **Stage3 427F**

4" (100mm) 2-way coaxial car speaker for factory upgrade without grille
Power Handling: 30Wrms, 150W peak Sensitivity (@ 2.83V/1m): 90dB
Frequency Response: 75Hz – 20kHz Impedance: 3ohms

- **Stage3 527**

5-1/4" (130mm) 2-way coaxial car speaker Power
Handling: 40Wrms, 200W peak Sensitivity (@ 2.83V/1m): 91dB
Frequency Response: 75Hz – 20kHz Impedance: 3ohms

- **Stage3 527F**

5-1/4" (130mm) 2-way coaxial car speaker for factory upgrade without grille
Power Handling: 40Wrms, 200W peak Sensitivity (@ 2.83V/1m): 91dB
Frequency Response: 75Hz – 20kHz Impedance: 3ohms

- **Stage3 627**

6-1/2" (160mm) 2-way coaxial car speaker Power
Handling: 45Wrms, 225W peak Sensitivity (@ 2.83V/1m): 92dB
Frequency Response: 55Hz – 20kHz Impedance: 3ohms

- **Stage3 627F**

6-1/2" (160mm) 2-way coaxial car speaker for factory upgrade without grille
Power Handling: 45Wrms, 225W peak Sensitivity (@ 2.83V/1m): 92dB
Frequency Response: 55Hz – 20kHz Impedance: 3ohms

- **Stage3 607C**

6-1/2" (165mm) 2-way component system car speaker
Power Handling: 50Wrms, 250W peak Sensitivity (@ 2.83V/1m): 92dB
Frequency Response: 55Hz – 20kHz Impedance: 3ohms

- **Stage3 607CF**

6-1/2" (165mm) 2-way component system car speaker for factory upgrade without grille Power Handling:

50Wrms, 250W peak Sensitivity (@ 2.83V/1m): 92dB
Frequency Response: 55Hz – 20kHz Impedance: 3ohms

- **Stage3 9637**

6" x 9" (152mm x 230mm) 3-way car speaker Power Handling: 75Wrms, 375W peak Sensitivity (@ 2.83V/1m): 93dB
Frequency Response: 50Hz – 20kHz Impedance: 3ohms

- **Stage3 9637F**

6" x 9" (152mm x 230mm) 3-way car speaker for factory upgrade without grille
Power Handling: 75Wrms, 375W peak Sensitivity (@ 2.83V/1m): 93dB
Frequency Response: 50Hz – 20kHz Impedance: 3ohms

- **Stage3 637F**

6-1/2" (165mm) 3-way car speaker for factory upgrade without grille
Power Handling: 45Wrms, 225W peak Sensitivity (@ 2.83V/1m): 92dB
Frequency Response: 55Hz – 20kHz Impedance: 3ohms

- **Stage3 8627**


6" x 8" (152mm x 203mm) 2-way coaxial car speaker
Power Handling: 50Wrms, 250W peak Sensitivity (@ 2.83V/1m): 93dB
Frequency Response: 65Hz – 20kHz Impedance: 3ohms

- **Stage3 6427**

4" x 6" (100mm x 152mm) 2-way coaxial car speaker
Power Handling: 35Wrms, 175W peak Sensitivity (@ 2.83V/1m): 91dB
Frequency Response: 75Hz – 20kHz Impedance: 3ohms

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Documents / Resources

	<p>JBL Stage3 High Performance Multi Element Speakers [pdf] User Guide Stage3, High Performance Multi Element Speakers, Stage3 High Performance Multi Element S peakers, Multi Element Speakers, Element Speakers, Speakers</p>
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References

-  [Official JBL Store - Speakers, Headphones, and More!](#)