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## DO SUMMER RIGHT

*make every drive sound amazing*

**HOW JL AUDIO'S STUNNING  
C7 SPEAKERS REVOLUTIONIZE  
YOUR RIDE,** page 16



*Priming a pontoon boat to party on the water,* page 12

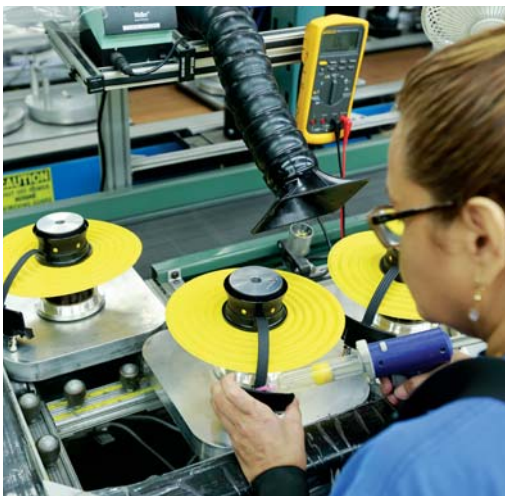
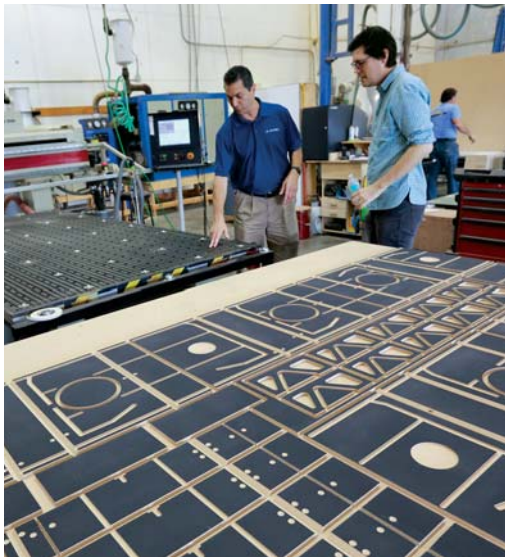
*A couple revives the audio in their daily driver,* page 32

*Sweet sound for Jeeps of all ages,* pages 44-47

JL Audio's on-site demo features the 3-way C7 car component speaker system mounted in home speaker housings, using a Twk-88 as an active crossover system.

# CAR AUDIO WITHOUT COMPROMISE

## JL AUDIO'S APPROACH TO BUILDING THEIR BEST CAR SPEAKERS YET



BY ALEXANDER HRABE

Ever had a musical experience so gripping that you literally can't leave your seat? I have. I was demoing JL Audio's new C7 car component system — the talk of audiophiles at CES this year. Track to track, moment to moment, I was astounded by the clarity and presence reproduced by these speakers. Impactful loudness, rich detail, imaging that seemed almost magical — all of it facilitated an emotional connection that rivaled live performance.

And after everything I'd learned about JL Audio's philosophy while visiting their headquarters, I wasn't surprised at all.

### Over forty years in the making

JL Audio has been providing customers with award-winning car, home, and marine audio solutions for over four decades. And if you've met any JL Audio fans, you know that gear earns devotees for life. From amps to speakers to specialty products like their Stealthbox loaded enclosures, the design and sound are always impressive.

I toured their vast facility to find out just what makes JL Audio so consistent. Craftspeople work in tight-knit teams, not only taking pride in the products they build, but looking for ways to improve already excellent designs. Ingenuity is baked into their operations. If a tool can be built or a process developed to enhance an end result, they'll create it on premises. Nothing is sacred if it stands in the way of innovation. And so the dialogue between JL Audio's legendary engineering team and their manufacturing team is constant and collaborative.



## The pinnacle of JL Audio car audio performance

JL Audio's philosophy of excellence can be traced to its CEO and Chief Engineer, Lucio Proni. His latest passion project, the ultra-premium C7, has been years in the making, but its recent unveiling was possible thanks to advances JL Audio has made in the world of audio-tuning software. Unlimited by budget and deadlines, Lucio and his team of engineers set out to create the ultimate drivers for use in the mobile environment. Time after time, the team went back to the drawing board, rethinking and retooling parts, with one standard in mind — perfection. In the end, the three C7 drivers — woofer, midrange, and tweeter — shine as quite literally the best-sounding speakers JL Audio has ever made (and that's saying something).

## The freedom of an active system

Because each C7 speaker is sold à la carte, you can build just about any system you see fit — and JL Audio puts the creative power in your hands by selling these speakers unencumbered by passive crossovers. Instead, you'll design an active system, using a digital signal processor like JL Audio's TwK™ 88 as the brain. I asked Manville Smith, VP of Marketing, why they made that choice: "In an active system, you filter everything before it reaches the amp. You feed the amplifier channel exactly the signal you want the speaker to reproduce, and the amp feeds that signal directly into the speaker. The advantage in terms of linearity and distortion is profound."



So, how do you craft *exactly the signal paths you want*? With TüN, JL Audio's intuitive tuning software (pictured above). Any adjustments you make via TüN on your PC laptop are reflected in your connected TwK 88. Setup is simple, you can hear tuning tweaks in real time, and options abound (all backed by built-in fail-safes). And when you're ready to roll, the TwK's handy remote lets you cycle between any presets you create.

Find out more about C7 at [crutchfield.com/C7](http://crutchfield.com/C7)



## Build your dream car system

USE THESE C7 DRIVERS IN ANY COMBINATION:

### Aluminum alloy edge-driven dome tweeter

Its specialized corundum coating is nearly as hard as diamond, pushing breakup behaviors well beyond the audible range. So you won't hear any harshness from this 1" tweeter.



**C7-100ct** #13699759 **\$199.99 each**

### Mineral-filled polypropylene midrange

Don't be fooled by its size. This 3½" powerhouse handles frequencies from 400 Hz to 4 kHz, which account for most vocals, piano, and guitar — and it's more than up to the task.



**C7-350cm** #13699758 **\$349.99 each**

### Mineral-filled polypropylene woofer

This 6½" woofer's advanced dust cap is a key development here, extending its frequency response and allowing the driver to work gracefully in a 2- or 3-way system — and always sound phenomenal.



**C7-650cw** #13699757 **\$449.99 each**

Finally, to ensure excellent performance from C7, you'll need an active crossover system and an amp.

**TwK 88 DSP** #13698101 **\$429.99**

**XD600/6v2 75 watts x 6 ch. amp** #13698605 **\$559.99**



## Great sound within reach

Designed by the same team as C7, JL Audio's engineers brought their high standards for sound to their more affordable C1 Series (pictured above). An edge-driven aluminum tweeter guarantees smoother response and less distortion than other speakers in its class, making it an unbeatable choice for first-time buyers.

**C1 car speakers** Prices range from **\$69.99 - \$159.99**