



CS3 MK2

Controlled Directivity Loudspeaker

The new CS3 MK2 replaces our successful CS3. The MK II represents the next generation in our dipole technology with its point source design. There is not a single part from the original CS3 in this new MKII upgraded version. The CS3 MK2 employs our new **Emerald Physics EP12.1 custom 12" woofer/midrange and tweeter** point source driver with 1" compression tweeter and **external passive crossover**. The new Emerald Physics **DSP2.4 electronic crossover/EQ** provides DSP controlled subwoofer crossover and equalization for the system. Our **controlled dispersion** design eliminates most listening room anomalies, allowing the CS3 MKII to sound great in virtually all rooms. With a powered subwoofer you can have a fully bi-amplified system that can fill almost any sized room with superb dynamics and bass into the 20Hz range. Our **beautiful new cosmetic** is a major upgrade. Satin Black is standard. Custom finishes are available at additional cost.

Shown in optional Tricoat red



See the Youtube video from the Newport Beach show 2012 from AV Showrooms at:

<http://www.youtube.com/watch?v=-sAom0hpxXI>

Features:

- Single Amp drive - Does not require bi-amplification.
- New Emerald Physics EP12.1 12" midrange with Emerald 1" tweeter point source driver
- World Class sonic performance in a compact package.
- Incredible imaging and soundstage reproduction.
- World Class Bass speed and articulation.
- Works well in small rooms as close as 2 feet from the rear wall.
- Can be used with moderate stereo amps & integrated amps w/preout & main in.
- Outboard hi pass crossover
- Includes DSP 2.4 crossover/EQ which has subwoofer crossover for bass extension & adds the ability to play extremely loud in larger rooms.

Retail price from \$3495/ pair in black with DSP2.4 EQ/Crossover

Optional hi gloss automotive grade finishes in black, anthracite, white and blue as well as the red shown adds \$1200.00/pr

Optional front grills to cover the drivers are available at \$150/pr

CS3 MK2 Specifications

- System Type: Passive 2-way Dynamic Dipole - DSP crossover & equalized
- Frequency Range: 45Hz-22kHz -3dB without subwoofer from target curve
- Frequency Linearity: +/- 0.50 dB from 100Hz-20kHz from target curve
- Impedance: 8 Ohms nominal
- Max Power input: 150W RMS, 300W program
- Sensitivity: 95dB 1.83V @ 1M @ 1kHz
- Drivers: Emerald Physics High Freq: 1 inch exit Titanium compression driver
- Emerald Physics Low Freq: 12 inch paper cone with 2.5" voice coil
- Crossover: 3rd order acoustic Butterworth filter at 900Hz
- Digital Frequency crossover/Equalizer: - Emerald Physics DSP2.4
- Finishes: Black standard, Optional upgraded finishes available at additional charge
- Dimensions: 41"H x 18W x 2.5"D baffle, Base is 15" depth total
- Weight: Net: 70lbs, Shipping each: 90lbs each
- All specifications and pricing subject to change

At the AXPONA 2014 show part time audiophile said:

"Walter Liederman of **Emerald Physics** ought to be pleased with himself. He's managed to shepherd to market a relatively affordable, reliably excellent, state-of-the-art audio experience in his **Emerald Physics** lineup."

"The speakers are also DSP-controlled, and while that gets you in the ballpark of acoustically optimal more often than not, is still looked askance by many. But the perception of downsides are all just that. Perceptions. **The proof of the pudding is in the eating. And this is a tasty little dish.**"

"On the whole, this room was quite convincing. Walter was offering the entire system (minus the PS Audio DAC) at just under \$6,000 as a show-special, trying to demonstrate how great sound doesn't have to cost more than a BMW. **I'd say he nailed it.** The sound here was very dynamic, open and expressive.

The fact that this was one of the busiest rooms at the show says that I'm not alone in thinking this."

See the full report at:

<http://parttimeaudiophile.com/2014/05/03/axpona-2014-emerald-physics-and-ps-audio-dazzles/#more-10111>

Packages are available with subwoofers from REL & Gallo

Here is what Audiophilia said of our CS3 MK2 at the Newport Show:

The day's walkabout was a discovery of excellent sound (a couple in my Best Of), new kit and exhibitors bending over backwards to make your room visit fruitful. So accommodating. They were more than happy to give a quick precis or a lengthy tome about the topologies and designs.

"A speaker managed from Maui (the owner had a big smile on his face) and manufactured in Colorado caught my ear. Emerald Physics had their CS3 MK2 'Controlled Directivity Loudspeaker' playing Handel harp concertos via a complete system, including Rel T9 powered subwoofers and their own electronics. The price for the speakers and subs was less than 5K. For that price, these speakers are an absolute steal and should be heard by any audiophile on a strict budget who wants Champagne sound. Dipole technology with point source design. No grain, no hash, well balanced and very dynamic were among my notes. And the two subs were integrated as well as any."



Above in the beautiful Anthracite

Here is a new unedited customer email about his new CS3's:

Walter:

I don't know how to thank you for this speaker. Every night is a new listening experience. I even listened to the Krol concert by Keith Jarrett, and it was amazing; I actually found myself listening to his manner of improvisation...his hesitant steps (you can hear hesitation in playing, its so real), then...kaboom, and off he went....just stunning. I've been at this hobby for 40 years, can still hear, can still hear, can hear through speaker after speaker, cable after cable, CD player after CD player, amp after amp, trying without success to get this sound. I've had ET LFT Vills, Gallos, Harbeths, Merlins (VSM and TSM), Spondors, Von Schwiekerts, Magnapans, and at least a dozen others through my listening room. The EPs give a rightness to the midrange that just lets you suspend your disbelief...lets you climb on stage and be there. As it does this, it forgives what little things my system could be better about. I read Stereophile now, with its 55k D'Agostino mono amps, and I don't wonder what they sound like. I don't care. I've managed to quit wondering. I have my last pair of speakers, and I can say, all of this was worth waiting for. If anyone told me in 1980 that CD could sound like master tape, I'd just shake my head. But now, with these speakers, its vinyl. Front to back layering. Perfect attack. Perfect decay. Perfect tone. Mr. Shaw has a good ear, to put it mildly.

I have about 4k in my front end, and about 1.6k in my subs. Not enough to break a sweat in today's market. My room is heavily treated to stop slap echo. Playing with the speakers for best stage and sound. I work at it. Could I spend more? Yes, I could spend easily ten times what I've paid (now that there's no college tuition due!). But I refuse to do so. Because this is a hobby, and the fun is finding the good stuff and making it sing. I truly think Stereophile and TAS have forgotten us.

Well, onwards to music. Thanks again for buying this speaker line and making it work. I'd like to shake Mr. Shaw's hand....what a fabulous idea. People are still putting accelerometers on boxes and saying gee, very little distortion! I'm sitting with these things saying...there's *NO distortion* - why would I think of owning other speakers? This is the holy grail. End of the line. Don't need to know what comes next, because I'm good. Real good. Haven't looked at my watch once. Well, except to see that I'm late to get to sleep!

Thank you!!!!

Regards,
John

Another user comment on the CS3 MK2:

"I simply have never heard any speaker quite like the EP. I can't yet explain it. A cross between the MBLs and Quads BUT NOT. Amazing!!!!"

DSP 2.4 CROSSOVER FILES for CS3 MK2