

Paradigm®

# ci elite series v2

Custom Install Solutions

Specifications Sheet



Up to  
**40%**  
greater excursion

when compared to  
CI Pro models for your  
most demanding  
audio applications.

## The Custom Installer's Performance-Oriented Solution

The CI Elite series is Made in Canada and has all the technology advantages of our CI PRO Series, but we didn't stop there. It's packed full of features that make a difference, and it doesn't get much sweeter than this when looking for the ultimate sound performance.

### Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens

AL-MAC™ is our unique blend of Aluminum, Magnesium, and Ceramic materials; each of which contribute to the end goal of greater accuracy and realism. Their special properties contribute to the final product which is not only strong and lightweight, but embodies a natural anti-resonance to ensure the tweeter doesn't just sound good "on paper" but truly sounds incredible in the real world.

### Aluminum Magnesium (AL-MAG™) Cones

Similar to the goals we had in mind when developing the AL-MAC™ tweeter, AL-MAG™ was conceived to bring the same elevated level of performance to the area where our ears are the most sensitive. In addition, AL-MAG™ combines a high stiffness-to-mass ratio with superior internal damping for greater accuracy.

**Exclusive Ultra-Rigid CARBON-X™ Ingrained Baffle** (in-ceiling models only) provides increased rigidity adding improved bass response and midrange performance.

**Advanced Shock-Mount™ System** mechanically decouples the die-cast aluminum baskets from the specially formulated CARBON-X™ ingrained baffles reducing performance-robbing vibrations and resonance between the chassis and the acoustic platform. Without these resonances, all drivers are left free to deliver pure, unaltered sound with no audible distortion.

### OTHER FEATURES

#### Reduced Edge Diffraction (RED™) Technology

significantly reduces the adverse effects of diffraction while improving frequency response.

#### Oversized, 1.5" High-Power Handling Voice Coil

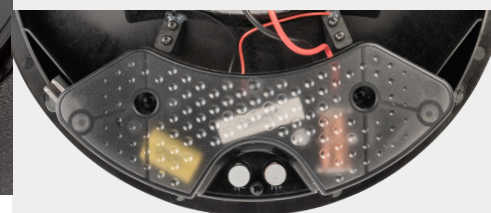
motor structure dramatically increases maximum output level and reduces power compression.

#### FEA-Optimized Ultra Rigid Cast-Aluminum Baskets

feature integrated heat sinks for higher power handling, better bass, better dynamics, and less power compression.



**Rear Component Shielding** protects internal parts from debris. The polycarbonate material creates an installation that will not warp. Flat covers also make it easy to lie speakers down during the installation process without tipping.



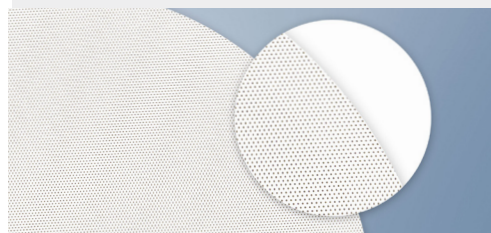
**Premium-grade components** include high-power rated resistors, capacitors and heavy gauge wire inductors.



**Nickel-plated, spring loaded binding posts** feature a larger wire hole to accept higher-gauge wire or banana plugs.







**Patented Active Ridge Technology (ART™) surrounds**, made in-house and over-moulded directly onto each cone, achieve greater excursion for a 3dB gain in distortion-free output (50% greater) compared to drivers with standard surrounds. † US patents: D654,479S and 8,340,340B2.

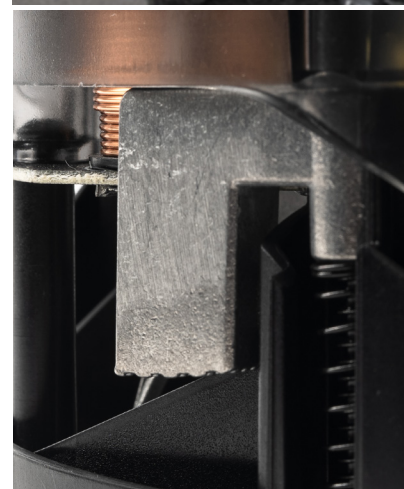


**Bezel-Free, Micro-Perf Grilles** allow you to mix and match CI Home, CI Pro and CI Elite Series for a seamless aesthetic from room-to-room!

# TECHNICAL SPECIFICATIONS

	 <b>E65-R v2</b>	 <b>E80-R v2</b>	 <b>E80-A v2</b>	 <b>E80-IW v2</b>
<b>DESIGN</b>	2-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Ultra-Rigid CARBON-X™ Baffle	2-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Ultra-Rigid CARBON-X™ Baffle	2-driver, 2-way in-ceiling, 30°-Angled Guided Soundfield System, Advanced SHOCK-MOUNT™ System, Ultra-Rigid CARBON-X™ Baffle	2-driver, 2-way in-wall, Advanced SHOCK-MOUNT™ System, Die-Cast Aluminum Baffle
<b>CROSSOVER</b>	3rd-order electro-acoustic at 2.0 kHz	3rd-order electro-acoustic at 2.0 kHz	3rd-order electro-acoustic at 2.0 kHz	3rd-order electro-acoustic at 2.0 kHz
<b>HIGH FREQUENCY DRIVER</b>	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology
<b>MIDRANGE</b>	--	--	--	--
<b>BASS/MIDRANGE</b>	6.5" (16.5cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, 1.5" high-temp voicecoil, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	8" (20.3cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, 1.5" high-temp voicecoil, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	8" (20.3cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, 1.5" high-temp voicecoil, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	8" (20.3cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, 1.5" high-temp voicecoil, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets
<b>PASSIVE RADIATORS</b>	--	--	--	--
<b>LOW FREQ. EXTENSION*</b>	39 Hz	37 Hz	39 Hz	33 Hz
<b>FREQUENCY RESPONSE</b> (0-15 degree window)	±3 dB from 75 Hz - 22 kHz	±3 dB from 60 Hz - 22 kHz	±3 dB from 60 Hz - 22 kHz	±3 dB from 57 Hz - 22 kHz
<b>FREQUENCY RESPONSE</b> (30-45 degree window)	±3 dB from 75 Hz - 18 kHz	±3 dB from 60 Hz - 18 kHz	±3 dB from 60 Hz - 18 kHz	±3 dB from 57 Hz - 18 kHz
<b>SENSITIVITY - ROOM</b>	92 dB	93 dB	94 dB	92 dB
<b>SENSITIVITY - ANECHOIC</b>	88 dB	89 dB	90 dB	88 dB
<b>SUITABLE AMP POWER RANGE</b>	15-150 W	15-160 W	15-160 W	15-180 W
<b>MAXIMUM INPUT POWER</b>	100 W	100 W	100 W	120 W
<b>IMPEDANCE</b>	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
<b>DIMENSIONS WITH GRILLE</b> (H x W x D)	8-7/8" (diameter) x 4-1/4" (depth) (22.6cm x 10.7cm)	10-1/4" (diameter) x 4-1/4" (depth) (26.1cm x 11.4cm)	12-5/8" x 6-3/8" (32.0cm x 15.5cm)	12-5/8" x 9-1/4" x 4" (32.1cm x 23.4cm x 10.2cm)
<b>CUT-OUT DIMENSIONS</b>	7-3/4" (19.7cm) dia.	9-3/16" (23.4cm) dia.	11-7/16" (29.1cm) dia.	11-9/16" x 8-1/16" (29.3cm x 20.5cm)
<b>MINIMUM MOUNTING DEPTH</b> (Distance behind 1/2" drywall, or similar material)	3-5/8" (9.2cm)	3-7/8" (9.8cm)	5-3/4" (14.6cm)	3-3/8" (8.6cm)
<b>WEIGHT</b>	5.7 lbs (2.6 kg)	6.4 lbs (2.9 kg)	9.0 lbs (4.1kg)	8.6 lbs (3.9 kg)
<b>FINISH</b>	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker
<b>ACCESSORIES</b>	PB-8RN	PB-9RN	PB-11RN	PB-8X12N
<b>SQUARE GRILLE OPTION</b>	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately

All specifications are subject to change without notice.







	<b>E3 LCR v2</b>	<b>E5 LCR v2</b>	<b>E7 LCR v2</b>
<b>DESIGN</b>	3-driver, dual passive radiators, 2-way, shallow enclosure in-wall design, Advanced SHOCK-MOUNT™ System, Machined Aluminum Baffle	4-driver, dual passive radiators, 3-way, shallow enclosure in-wall design, Advanced SHOCK-MOUNT™ System, Machined Aluminum Baffle	4-driver, dual passive radiators, 3-way, shallow enclosure in-wall design, Advanced SHOCK-MOUNT™ System, Machined Aluminum Baffle
<b>CROSSOVER</b>	3rd-order electro-acoustic at 2.3 kHz	3rd-order electro-acoustic at 3 kHz 2nd-order electro-acoustic @ 450 Hz	3rd-order electro-acoustic at 3 kHz 2nd-order electro-acoustic @ 480 Hz
<b>HIGH FREQUENCY DRIVER</b>	1" (2.5cm) Aluminum Magnesium Ceramic (AL-MAC™) Tweeter with Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens and Reduced Edge Diffraction (RED™) Technology	Coaxial 1" (2.5cm) Aluminum Magnesium Ceramic AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, Patented Dual-Sync™ Continuous Flux Motor	Coaxial 1" (2.5cm) Aluminum Magnesium Ceramic AL-MAC™ Ceramic Dome with Oblate Spheroid Waveguide (OSW™) and Perforated Phase-Aligning (PPA™) Tweeter Lens, Patented Dual-Sync™ Continuous Flux Motor
<b>MIDRANGE</b>	--	Coaxial 6" (15.2cm) AL-MAG™ Cone with SHOCK-MOUNT™ Isolation Mounting System, a 2" high-temp multi-layered voice coil with Apical™ former, Patented Dual-Sync™ Continuous Flux Motor	Coaxial 6" (15.2cm) AL-MAG™ Cone with SHOCK-MOUNT™ Isolation Mounting System, a 2" high-temp multi-layered voice coil with Apical™ former, Patented Dual-Sync™ Continuous Flux Motor
<b>BASS/MIDRANGE (E3 LCR ONLY) BASS (E5/E7 LCR ONLY)</b>	Two 5.5" (13.9cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, 1.5" high-temp voicecoil, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	Two 6.5" (16.5cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, 1.5" high-temp voicecoil, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	Two 8" (20.3cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, 1.5" high-temp voicecoil, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets
<b>PASSIVE RADIATORS</b>	Two 5.5" (13.9cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	Two 6.5" (16.5cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	Two 8" (20.3cm) Aluminum Magnesium (AL-MAG™) Cones with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets
<b>LOW FREQ. EXTENSION*</b>	57 Hz	56 Hz	55 Hz
<b>FREQUENCY RESPONSE</b> (0-15 degree window)	±3 dB from 93 Hz - 22 kHz	±3 dB from 82 Hz - 22 kHz	±3 dB from 80 Hz - 22 kHz
<b>FREQUENCY RESPONSE</b> (30-45 degree window)	±3 dB from 93 Hz - 19 kHz	±3 dB from 82 Hz - 19 kHz	±3 dB from 80 Hz - 19 kHz
<b>SENSITIVITY - ROOM</b>	92 dB	94 dB	95 dB
<b>SENSITIVITY - ANECHOIC</b>	89 dB	91 dB	92 dB
<b>SUITABLE AMP POWER RANGE</b>	15-200 W	15-220 W	15-220 W
<b>MAXIMUM INPUT POWER</b>	130 W	150 W	150 W
<b>IMPEDANCE</b>	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
<b>DIMENSIONS WITH GRILLE</b> (H x W x D)	32" x 7-5/8" x 4-1/8" (81.4cm x 19.5cm x 10.5cm)	43" x 9-1/2" x 4-1/8" (109.2cm x 19.5cm x 10.5cm)	43" x 9-1/2" x 4-1/8" (109.2cm x 19.5cm x 10.5cm)
<b>CUT-OUT DIMENSIONS</b>	31" x 6-5/8" (78.8cm x 16.0cm)	42" x 8-1/2" (106.6cm x 21.5cm)	42" x 8-1/2" (106.6cm x 21.5cm)
<b>MINIMUM MOUNTING DEPTH</b> (Distance behind 1/2" drywall, or similar material)	3-7/8" (9.8cm)	3-7/8" (9.8cm)	3-7/8" (9.8cm)
<b>WEIGHT</b>	23.0 lbs (10.4 kg)	34.0 lbs (15.4 kg)	33.0 lbs (14.9 kg)
<b>FINISH</b>	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker
<b>ACCESSORIES</b>	PB-3	PB-5/7	PB-5/7

## TECHNICAL SPECIFICATIONS

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