



## THE PREMIUM CUSTOM INSTALL SPEAKER.

The CI Elite series is *Crafted in Canada* and has all the technology advantages and grille aesthetics of CI Pro, plus oversized voice coils and X-PAL™ pure aluminum cone technology for the ultimate in sound performance.



### MATCHING GRILLES:

Mix and match CI Home, CI Pro and CI Elite for a seamless aesthetic from room-to-room!

**NEW X-PAL™ pure-aluminum woofer cones** combine lightweight stiffness with high consistency for a greater degree of accuracy and smooth, uncolored frequency response. Woofers feature long-excursion, high-power 1.5-inch voice coil motors for greater power handling and reduced power compression.

Patented† **Active Ridge Technology (ART™)** surrounds, made in-house and overmolded 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.

**NEW X-PAL™ tweeter** with exclusive Perforated Phase-Aligning (PPA™) tweeter lens protects the delicate pure-aluminum tweeter dome and acts as the Phase Plug, blocking out-of-phase frequencies for smoother, extended high frequencies with incredible detail and higher output.

Tweeters are cooled by our patent pending **RED™ die-cast aluminum housing** (see below) and the original ultra-stable **Ferrofluid**, made exclusively by Ferrotec.

**Die-cast aluminum chassis, baffles** (in-wall models only), and **clamps** add strength and rigidity for better bass and midrange, along with a more durable installation.

**Pocketed screw holes** help to hold the drill steady, making installation a snap.

**Magnetically attached grilles:** neodymium magnets hold grilles firmly in place.

**NEW Reduced Edge Diffraction (RED™) Technology** (patent pending) RED™ technology significantly reduces negative effects of diffraction while improving frequency response.

The Irregular edges of the tweeter housing and its off-center placement within the cone ensure sound waves reach the edges at different times. This design significantly reduces interference when compared to tweeter housings directly mounted to a cone.

**NEW 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.



Active Ridge Technology (ART™)



1.5" high-power voice coil




Reduced Edge Diffraction (RED™) Technology (patent pending)

New! Bezel-Free, Micro-Perf Grille



## Technical Specifications

Design	E65-R	E80-R	E80-A	E80-1W
				
	2-driver, 2-way in-ceiling, SHOCK-MOUNT™ Isolation Mounting System, nylon-blended rigid baffle	2-driver, 2-way in-ceiling, SHOCK-MOUNT™ Isolation Mounting System, nylon-blended rigid baffle	2-driver, 2-way in-ceiling, 30°-Angled Guided Soundfield™ System, SHOCK-MOUNT™ Isolation Mounting System, nylon-blended rigid baffle	2-driver, 2-way in-wall, SHOCK-MOUNT™ Isolation Mounting System, die-cast aluminum baffle
Crossover	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
High Frequency Driver	1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens	1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens	1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens	1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens
Bass / Midrange	6.5" (16.5cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis	8" (20.3cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis	8" (20.3cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis	8" (20.3cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis
Low Freq. Extension†	39 Hz	37 Hz	39 Hz	33 Hz
Frequency Response (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
Frequency Response (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
Sensitivity - Room	92 dB	93 dB	94 dB	92 dB
Sensitivity - Anechoic	88 dB	89 dB	90 dB	88 dB
Suitable Amplifier Power Range	15-150 W	15-160 W	15-160 W	15-180 W
Maximum Input Power	100 W	100 W	100 W	120 W
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Dimensions with grille: (h x w x d)	8-7/8" (diameter) x 4-1/4" (depth) (22.6cm x 10.7cm)	10-1/4" (diameter) x 4-1/2" (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)
Cur-Cut Dimensions	7-3/4" (19.7cm) diameter	9-3/16" (23.4cm) diameter	11-7/16" (29.1cm) diameter	11-9/16" x 8-1/16" (29.3cm x 20.5cm)
Minimum Mounting Depth <i>Distance behind 1/2" drywall or similar material.</i>	3-5/8" (9.2cm)	3-7/8" (9.8cm)	5-3/4" (14.6cm)	3-3/8" (8.6cm)
Weight	5.7 lbs (2.6 kg)	6.4 lbs (2.9 kg)	9.0 lbs (4.1 kg)	8.6 lbs (3.9 kg)
Finish	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker



**FBX-60**  
(E65-R)

### Fireproof Backboxes

Paradigm in-ceiling applications can be spec'd for multiple dwelling units. Our backboxes meet the following requirements:

- 'One-Hour Fire-Rating' requirements
- 'For Use in Air Handling Spaces' requirements.

Paradigm backboxes will contain fire, gas, smoke and heat within the enclosure for up to one hour.

*Backboxes are sold separately.*



**Want a square aesthetic?**  
Square grille available for these models: E65-R, E80-R and E80-A  
Install adaptor when installing speaker.

