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.

**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-exursion, 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.


**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.

**MATCHING GRILLES:** Mix and match CI Home, CI Pro and CI Elite for a seamless aesthetic from room-to-room!
Technical Specifications

Design

Crossover

High Frequency Driver

Bass / Midrange

Low Freq. Extension*

Frequency Response (0-15 degree window)

Frequency Response (30-45 degree window)

Sensitivity - Room

Sensitivity - Anechoic

Suitable Amplifier

Power Range

Maximum Input Power

Impedance

Dimensions with grille:

(h x w x d)

Cut-Out Dimensions

Minimum Mounting Depth

Distance behind 1/2" drywall, or similar material.

Weight

Finish

2-driver, 2-way in-ceiling, SHOCK-MOUNT™ Isolation Mounting System, nylon-blended rigid baffle

3rd-order electro-acoustic at 2.0 kHz

1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens

6.5" (16.5cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis

39 Hz ±3 dB from 75 Hz - 22 kHz

±3 dB from 75 Hz - 18 kHz

92 dB

88 dB

15-150 W

100 W

Compatible with 8 ohms

8-7/8" (diameter) x 4-1/4" (depth)

(22.6cm x 10.7cm)

7-3/4" (19.7cm) diameter

3-5/8" (9.2cm)

5.7 lbs (2.6 kg)

White, paintable grille, black speaker

2-driver, 2-way in-ceiling, SHOCK-MOUNT™ Isolation Mounting System, nylon-blended rigid baffle

3rd-order electro-acoustic at 2.0 kHz

1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens

8" (20.3cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis

37 Hz ±3 dB from 60 Hz - 22 kHz

±3 dB from 60 Hz - 18 kHz

93 dB

89 dB

15-160 W

100 W

Compatible with 8 ohms

10-1/4" (diameter) x 4-1/2" (depth)

(26.1cm x 11.4cm)

9-3/16" (23.4cm) diameter

3-7/8" (9.8cm)

6.4 lbs (2.9 kg)

White, paintable grille, black speaker

2-driver, 2-way in-wall, SHOCK-MOUNT™ Isolation Mounting System, die-cast aluminum baffle

3rd-order electro-acoustic at 2.0 kHz

1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens

8" (20.3cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis

33 Hz ±3 dB from 57 Hz - 22 kHz

±3 dB from 57 Hz - 18 kHz

92 dB

88 dB

15-180 W

120 W

Compatible with 8 ohms

12-5/8" x 9-1/4" x 4"

(32.1cm x 23.4cm x 10.2cm)

11-9/16" x 8-1/16"

(29.3cm x 20.5cm)

3-3/8" (8.6cm)

8.6 lbs (3.9 kg)

White, paintable grille, black speaker

2-driver, 2-way in-ceiling, 30°-Angled Guided Soundfield™ System, SHOCK-MOUNT™ Isolation Mounting System, nylon-blended rigid baffle

3rd-order electro-acoustic at 2.0 kHz

1" (2.5cm) X-PAL™ dome, ferro-fluid damped / cooled, Reduced Edge Diffraction (RED™) Technology, Perforated Phase-Aligning (PPA™) Tweeter Lens

8" (20.3cm) X-PAL™ driver, overmolded Active Ridge Technology (ART™) surround, 1.5" high-temp voice coil, die-cast aluminum chassis

39 Hz ±3 dB from 60 Hz - 22 kHz

±3 dB from 60 Hz - 18 kHz

94 dB

90 dB

15-160 W

100 W

Compatible with 8 ohms

12-5/8" x 6-3/8" (32.0cm x 15.5cm)

11-7/16" (29.1cm) diameter

5-3/4" (14.6cm)

9.0 lbs (4.1kg)

White, paintable grille, black speaker

Fireproof Backboxes

Paradigm in-ceiling applications can be spec'd for multiple dwelling units. Paradigm backboxes will contain fire, gas, smoke and heat within the enclosure for up to one hour. Fireproof backboxes are sold separately.

Want a square aesthetic?

Square grille available for these models: E65-R, E80-R and E80-A.

Fireproof Backboxes

FBX-60

Want a square aesthetic?

Square grille available for these models: E65-R, E80-R and E80-A.