

Paradigm®

ci pro series v2

Custom Install Solutions

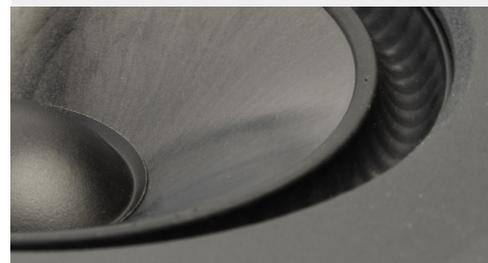
Specifications Sheet



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.



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.

The Custom Installer's Smarter Choice.

The CI PRO series is manufactured in Canada and takes performance to the next level with patented technology, step-up components, and hallmark Paradigm sound quality.

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

Shared with the CI Elite series; this new tweeter platform elevates performance and allows for even greater flexibility when paired with Paradigm's in-room counterparts such as the Founder Series.

CARBON-X™ Cones

Paradigm's exclusive CARBON-X™ Cone combines lightweight stiffness with high consistency for a greater degree of accuracy and smooth, uncolored frequency response. Drivers feature long excursion voice coil motors for greater power handling and reduced power compression.

Advanced Shock-Mount™ System

(baffle/basket isolation) Like the CI Elite Series, we've added the same great Advanced Shock-Mount™ System to mechanically decouple the basket from the chassis. This significantly reduces performance-robbing vibrations and resonances between the acoustic platform and the rest of the speaker. Without these resonances, all drivers are left free to deliver pure, unaltered sound with no audible distortion.

OTHER FEATURES

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

FEA-Optimized Ultra Rigid Cast-Aluminium Baskets feature integrated heat sinks for higher power handling, better bass, better dynamics, and less power compression.

Pocketed screw holes help to hold the drill steady, making installation a snap. In addition, exclusive TORX-guided clamps protect against screw cam out and stripping.



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!



	P65-R v2	P80-R v2	P80-SM v2	P80-A v2	P65-IW v2	P80-IW v2
DESIGN	2-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Nylon Reinforced Baffle	2-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Nylon Reinforced Baffle	3-driver, 2-way in-ceiling, Advanced SHOCK-MOUNT™ System, Nylon Reinforced Baffle	2-driver, 2-way in-ceiling, 30°-Angled Guided Soundfield System SHOCK-MOUNT™ System, Nylon Reinforced Baffle	2-driver, 2-way in-wall, Advanced SHOCK-MOUNT™ System, Die-Cast Aluminum Baffle	2-driver, 2-way in-wall, Advanced SHOCK-MOUNT™ System, Die-Cast Aluminum Baffle
AVAILABLE MARINE MODEL	P65-RX v2	P80-RX v2	--	--	--	--
CROSSOVER	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.0 kHz	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz
HIGH FREQUENCY DRIVER	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	Two 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
MIDRANGE	--	--	--	--	--	--
BASS/MIDRANGE	6.5" (16.5cm)	8" (20.3cm)	8" (20.3cm)	8" (20.3cm)	6.5" (16.5cm)	8" (20.3cm)
	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced Shock-Mount™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets
PASSIVE RADIATORS	--	--	--	--	--	--
LOW FREQ. EXTENSION*	41 Hz	39 Hz	40 Hz	39 Hz	35 Hz	30 Hz
FREQUENCY RESPONSE (0-15 degree window)	±3 dB from 75 Hz - 22 kHz	±3 dB from 64 Hz - 22 kHz	±3 dB from 64 Hz - 22 kHz	±3 dB from 58 Hz - 22 kHz	±3 dB from 70 Hz - 22 kHz	±3 dB from 55 Hz - 22 kHz
FREQUENCY RESPONSE (30-45 degree window)	±3 dB from 75 Hz - 18 kHz	±3 dB from 64 Hz - 18 kHz	±3 dB from 64 Hz - 18 kHz	±3 dB from 58 Hz - 18 kHz	±3 dB from 70 Hz - 18 kHz	±3 dB from 55 Hz - 18 kHz
SENSITIVITY - ROOM	91.5 dB	92 dB	92.5 dB	93 dB	91.5 dB	91.5 dB
SENSITIVITY - ANECHOIC	87.5 dB	88 dB	88.5 dB	89 dB	87.5 dB	87.5 dB
SUITABLE AMP POWER RANGE	15-100 W	15-110 W	15-110 W Mono; 15-55 W / channel Stereo Input	15-110 W	15-120 W	15-150 W
MAXIMUM INPUT POWER	80 W	80 W	100 W Mono / 50 W Stereo	80 W	90 W	100 W
IMPEDANCE	Compatible with 8 ohms	Compatible with 8 ohms	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)	10-1/4" (diameter) x 4-1/2" (depth) (26.1cm x 11.4cm)	12-5/8" (diameter) x 6-1/8" (depth) (32.0cm x 15.5cm)	11-1/4" x 8-1/8" x 3-7/8" (28.7cm x 20.7cm x 9.9cm)	12-5/8" x 9-1/4" x 4" (32.1cm x 23.4cm x 10.2cm)*
CUT-OUT DIMENSIONS	7-3/4" (19.7cm) dia.	9-3/16" (23.4cm) dia.	9-3/16" (23.4cm) dia.	11-7/16" (29.1cm) dia.	10-3/16" x 7" (25.8cm x 17.8cm)	11-9/16" x 8-1/16" (29.3cm x 20.5cm)
MINIMUM MOUNTING DEPTH (Distance behind 1/2" drywall, or similar material)	3-5/8" (9.2cm)	3-7/8" (9.8cm)	3-7/8" (9.8cm)	5-5/8" (14.3cm)	3-3/8" (8.6cm)	3-3/8" (8.6cm)
WEIGHT	5.7 lbs (2.6 kg)	6.4 lbs (2.9 kg)	7.0 lbs (3.2 kg)	6.6 lbs (3 kg)	8.2 lbs (3.7 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	White, paintable grille, black speaker	White, paintable grille, black speaker
ACCESSORIES	PB-8RN	PB-9RN	PB-9RN	PB-11RN	PB-7X10N	PB-8X12N
SQUARE GRILLE OPTION	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately

TECHNICAL SPECIFICATIONS

All specifications are subject to change without notice.



	P1 LCR v2	P3 LCR v2	P5 LCR v2
DESIGN	3-driver, 2-way, shallow enclosure in-wall design, Advanced SHOCK-MOUNT™ System	3-driver, dual passive radiators, 2-way, shallow enclosure in-wall design, Advanced SHOCK-MOUNT™ System	4-driver, dual passive radiators, 3-way, shallow enclosure in-wall design, Advanced SHOCK-MOUNT™ System
CROSSOVER	2nd-order electro-acoustic at 2.2 kHz	2nd-order electro-acoustic at 2.2 kHz	3rd-order electro-acoustic at 2.8 kHz, 2nd-order electro-acoustic @ 500 Hz
HIGH FREQUENCY DRIVER	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
MIDRANGE	--	--	6.5" (16.5cm) Coaxial AL-MAG™ Cone with SHOCK-MOUNT™ Isolation Mounting System, a 1" high-temp multi-layered voice coil with Apical™ former
BASS/MIDRANGE (P1/P3 LCR ONLY) BASS (P5 LCR ONLY)	Two 5.5" (13.9cm) CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced SHOCK-MOUNT™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	Two 5.5" (13.9cm) CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced SHOCK-MOUNT™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	Two 6.5" (16.5cm) CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced SHOCK-MOUNT™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets
PASSIVE RADIATORS	--	Two 5.5" (13.9cm) CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced SHOCK-MOUNT™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets	Two 6.5" (16.5cm) CARBON-X™ Cone with overmolded Active Ridge Technology (ART™) surround, Advanced SHOCK-MOUNT™ System, FEA-Optimized Ultra Rigid Cast-Aluminium Baskets
LOW FREQ. EXTENSION*	74 Hz	66 Hz	65 Hz
FREQUENCY RESPONSE (0-15 degree window)	±3 dB from 94 Hz - 22 kHz	±3 dB from 86 Hz - 22 kHz	±3 dB from 84 Hz - 22 kHz
FREQUENCY RESPONSE (30-45 degree window)	±3 dB from 94 Hz - 19 kHz	±3 dB from 86 Hz - 19 kHz	±3 dB from 84 Hz - 19 kHz
SENSITIVITY - ROOM	92 dB	93 dB	94 dB
SENSITIVITY - ANECHOIC	89 dB	90 dB	91 dB
SUITABLE AMP POWER RANGE	15-120 W	15-120 W	15-200 W
MAXIMUM INPUT POWER	90 W	90 W	130 W
IMPEDANCE	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
DIMENSIONS WITH GRILLE (H x W x D)	20-5/8" x 7-5/8" x 4-1/8" (52.4cm x 19.4cm x 10.5cm)	32" x 7-5/8" x 4-1/8" (81.3cm x 19.4cm x 10.5cm)	43" x 9-1/2" x 4-1/8" (109.2cm x 24.1cm x 10.5cm)
CUT-OUT DIMENSIONS	19-5/8" x 6-5/8" (49.8cm x 16.8cm)	31" x 6-5/8" (78.7cm x 16.8cm)	42" x 8-1/2" (106.6cm x 21.6cm)
MINIMUM MOUNTING DEPTH (Distance behind 1/2" drywall, or similar material)	3-7/8" (9.8cm)	3-7/8" (9.8cm)	3-7/8" (9.8cm)
WEIGHT	15.0 lbs (6.8 kg)	19.0 lbs (8.6 kg)	29.0 lbs (13.2 kg)
FINISH	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker
ACCESSORIES	PB-1	PB-3	PB-5/7

TECHNICAL SPECIFICATIONS

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