

Paradigm®

ci home series v2

Custom Install Solutions

Specifications Sheet



Superior Mineral-filled Polypropylene Bass/ Midrange Cones: Oversized computer optimized ferrite magnets and high-power motor structures deliver detailed midrange performance with clean, extended bass.



Easy-access binding posts: High-quality binding posts feature a larger wire access hole and connect via banana plug, pin or bare wire.

The Affordable Audiophile Collection.

Your “Go-To” Custom Install Speaker. The CI HOME series address the important considerations when selecting custom installation speakers: truly superior sound, trickle-down technologies, easy installation, and a bezel-free micro-perf grille with an incredibly discreet aesthetic.

Paradigm’s Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens protects the delicate tweeter dome. PPA™ technology acts as the Phase Plug, blocking out-of-phase frequencies for smoother, extended high frequencies with incredible detail and higher output. Ferro-fluid damped and cooled to ensure smooth high-frequency performance with amazing clarity across a wide listening area.

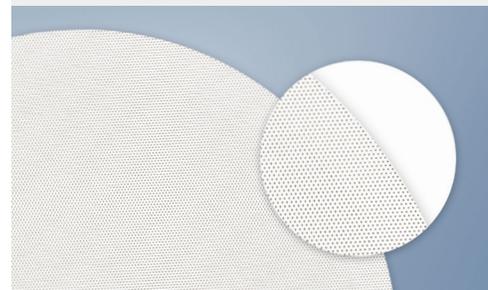
Dual-Directional Soundfield™ & 30°-Angled Guided Soundfield™ Models

Our Stereo/Mono (SM) systems offer rich pure-fidelity dual-channel L/R sound from a single speaker. The **Dual Directional Soundfield™** provides wider-than-normal dispersion making the systems ideal in small rooms that are less suited to a stereo pair, or where a single speaker is preferred.

Drivers in our **30°-Angled Guided Soundfield™** sit at a 30° angle from the ceiling, enabling you to adjust the direction of the sound, without compromising the curial sound dispersion pattern between drivers and baffle, thereby preserving sonic integrity. 30°-Angled Guided Soundfield™ systems are ideal as front speakers and as surround and/or rear speakers in a home theatre system.



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



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!

OTHER FEATURES

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.

Rigid ABS clamps simplify and reduce installation time. ABS sandwiches and strengthens the area around the mounting hole, removing unwanted resonance and vibrations.

Available pre-construction brackets and square grille accessories provide the utmost installation flexibility.

TECHNICAL SPECIFICATIONS

	 H55-R v2	 H65-R v2	 H65-SM v2	 H65-A v2	 H80-R v2
DESIGN	2-driver, 2-way in-ceiling, ABS chassis & mounting clamps	2-driver, 2-way in-ceiling, ABS chassis & mounting clamps	3-driver, 2-way in-ceiling, Dual-Directional Soundfield™, ABS chassis & mounting clamps	2-driver, 2-way in-ceiling, 30°-Angled Guided Soundfield System, ABS chassis & mounting clamps	2-driver, 2-way in-ceiling, ABS chassis & mounting clamps
CROSSOVER	2nd-order electro-acoustic at 3.0 kHz	2nd-order electro-acoustic at 3.0 kHz	2nd-order electro-acoustic at 3.0 kHz	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz
HIGH FREQUENCY DRIVER	3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens	3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens	Two 3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens	3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens	3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens
BASS/MIDRANGE	5.5" (13.9cm) Mineral-filled Polypropylene Cone	6.5" (16.5cm) Mineral-filled Polypropylene Cone	6.5" (16.5cm) Mineral-filled Polypropylene Cone	6.5" (16.5cm) Mineral-filled Polypropylene Cone	8" (20.3cm) Mineral-filled Polypropylene Cone
PASSIVE RADIATORS	--	--	--	--	--
LOW FREQ. EXTENSION*	60 Hz	55 Hz	52 Hz	55 Hz	45 Hz
FREQUENCY RESPONSE (0-15 degree window)	±2 dB from 75 Hz - 20 kHz	±2 dB from 70 Hz - 20 kHz	±2 dB from 70 Hz - 20 kHz	±2 dB from 70 Hz - 20 kHz	±2 dB from 60 Hz - 20 kHz
FREQUENCY RESPONSE (30-45 degree window)	±2 dB from 75 Hz - 18 kHz	±2 dB from 70 Hz - 18 kHz	±2 dB from 70 Hz - 15 kHz	±2 dB from 70 Hz - 15 kHz	±2 dB from 60 Hz - 18 kHz
SENSITIVITY - ROOM	88 dB	89 dB	89 dB	89 dB	90 dB
SENSITIVITY - ANECHOIC	84 dB	85 dB	85 dB	85 dB	86 dB
SUITABLE AMP POWER RANGE	15-70 W	15-80 W	15-80 W Mono 15-40 W Stereo	15-80 W Mono	15-90 W Mono
MAXIMUM INPUT POWER	40 W	50 W	100 W Mono / 50 W Stereo	50 W Stereo	60 W Stereo
IMPEDANCE	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)	7-3/4" (diameter) x 3-3/8" (depth) (19.7cm x 8.7cm)	8-3/4" (diameter) x 3-5/8" (depth) (22.1cm x 9.2cm)	8-3/4" (diameter) x 3-5/8" (depth) (22.1cm x 9.2cm)	11-3/8" (diameter) x 5-1/4" (depth) (29cm x 13.4cm)	10-3/8" (diameter) x 4" (depth) (26.5cm x 10.1cm)
CUT-OUT DIMENSIONS	6-3/4" (17.2cm) dia.	7-3/4" (19.6cm) dia.	7-3/4" (19.6cm) dia.	10-3/8" (26.3cm) dia.	9-3/8" (23.8cm) dia.
MINIMUM MOUNTING DEPTH (Distance behind 1/2" drywall, or similar material)	2-3/4" (7cm)	3" (7.6cm)	3" (7.6cm)	4-5/8" (11.8cm)	3-3/8" (8.6cm)
WEIGHT	2.5 lbs (1.2 kg)	3.5 lbs (1.6 kg)	4 lbs (1.8 kg)	5.3 lbs (2.4 kg)	4.4 lbs (2 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
PRE CONSTRUCTION BRACKET	PB-7RN	PB-8RN	PB-8RN	PB-10RN	PB-9RN
SQUARE GRILLE OPTION	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately	Yes, sold separately

TECHNICAL SPECIFICATIONS



H55-IW v2



H65-IW v2



H55-LCR v2

	H55-IW v2	H65-IW v2	H55-LCR v2
DESIGN	2-driver, 2-way in-wall, ABS chassis & mounting clamps	2-driver, 2-way in-wall, ABS chassis & mounting clamps	3-driver, 2-way in-wall left/center/right, ABS chassis & mounting clamps
CROSSOVER	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz
HIGH FREQUENCY DRIVER	3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens	3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens	3/4" (1.9cm) Exclusive Perforated Phase-Aligning (PPA™) Tweeter Lens
BASS/MIDRANGE	5.5" (13.9cm) Mineral-filled Polypropylene Cone	6.5" (16.5cm) Mineral-filled Polypropylene Cone	Two 5.5" (13.9cm) Mineral-filled Polypropylene Cone
PASSIVE RADIATORS	--	--	--
LOW FREQ. EXTENSION*	60 Hz	55 Hz	60 Hz
FREQUENCY RESPONSE (0-15 degree window)	±2 dB from 75 Hz - 20 kHz	±2 dB from 70 Hz - 20 kHz	±2 dB from 75 Hz - 20 kHz
FREQUENCY RESPONSE (30-45 degree window)	±2 dB from 75 Hz - 18 kHz	±2 dB from 70 Hz - 18 kHz	±2 dB from 75 Hz - 15 kHz
SENSITIVITY - ROOM	88 dB	89 dB	89 dB
SENSITIVITY - ANECHOIC	84 dB	85 dB	85 dB
SUITABLE AMP POWER RANGE	15-80 W	15-90 W	15-100 W
MAXIMUM INPUT POWER	50 W	60 W	70 W
IMPEDANCE	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
DIMENSIONS WITH GRILLE (H x W x D)	10-1/4" x 7-1/8" x 3-3/8" (25.9cm x 18.2cm x 8.7cm)	11-1/8" x 8-1/8" x 3-3/8" (28.3cm x 20.6cm x 8.7cm)	12-5/8" x 9-1/4" x 3-1/2" (32.1cm x 23.5cm x 8.8cm)
CUT-OUT DIMENSIONS	9-3/16" x 6-1/8" (23.3cm x 15.6cm)	10-1/8" x 7-1/16" (25.7cm x 18cm)	8-1/4" x 11-5/8" (20.9cm x 29.5cm).
MINIMUM MOUNTING DEPTH (Distance behind 1/2" drywall, or similar material)	2-3/4" (7cm)	2-3/4" (7cm)	2-3/4" (7cm)
WEIGHT	2.5 lbs (1.2 kg)	3.5 lbs (1.6 kg)	5.9 lbs (2.7 kg)
FINISH	White, paintable grille, black speaker	White, paintable grille, black speaker	White, paintable grille, black speaker
PRE CONSTRUCTION BRACKET	PB-6X9N	PB-7X10N	PB-8X12N
SQUARE GRILLE OPTION	Yes, sold separately	Yes, sold separately	Yes, sold separately

