



"Highly affordable, easy to install and optional backboxes make this an incredible, flexible entry level lineup."

- Paradigm Design Team

TWO'S COMPANY: THREE (OR FOUR!) IS NEVER A CROWD!

Until now, choice has been limited when it comes to in-wall/in-ceiling subwoofers. Most options simply don't deliver the kind of bass performance that gets us excited. In fact, the only things those models excite are wall vibrations —not a good thing in a custom subwoofer. But now you have real choices for real bass performance.

A minimum of two PCS subs must be used in each system, but the more the better! Using two subs randomizes the standing waves within the room so that bass is distributed uniformly. Two or more subs also ensures lower distortion (not that you'll hear much distortion with a Paradigm sub!), but at very high output levels, you'll be surprised how clean and clear bass remains. A single Paradigm X-300 Amplifier is designed to power two, three, or four PCS subs!

IN-CEILING SETUP: PCS-80R & GUIDED SOUNDFIELD™ SPEAKERS

Want the walls free of speakers? Purchase our PCS-80R sub—the ideal complement to an in-ceiling Paradigm Guided Soundfield™ system. PCS-80R's match the footprint of our Guided Soundfield™ models. All the output of a powerful Paradigm subwoofer system, completely hidden from view. And since bass frequencies are non-directional as they go lower in frequency, no matter where in the wall or ceiling you position the subwoofer, it won't affect the stereo image of your front speakers or the soundstage of your multichannel speaker system. And Paradigm's optional Perfect Bass Kit is available to help with problems of the room.

Optional BX-80SQ backbox for use with PCS-80SQ



Optional BX-10R backbox for use with PCS-80R

PCS Series

PBK™
R E A D Y



Paradigm® X-300 High-Power Amplifier (sold sep.). For full details see X-Amp section later in this catalog.

Your high quality home deserves high quality sound!

Paradigm®

In-wall/in-ceiling setup: PCS-80SQ in-wall subwoofers teamed with AMS-150R-30 Guided Soundfield™ in-ceiling speakers



Full-perimeter bracket design

Unlike typical mounting ears, brackets cover the full diameter or height and width of the speaker chassis to effectively sandwich and strengthen the area around the mounting hole.



Advanced High-Excursion CFP™ Carbon-Fiber-Reinforced Polypropylene Cone. The addition of carbon fiber provides excellent cone rigidity. Over-molded 'M-roll' design thermoplastic surround guarantees greater cone excursion and durability.



Powerful Ceramic/Ferrite Magnet and Motor Structures. 1-1/2" (38 mm) voice coil with four layers of high-temperature copper wire wrapped around a polyamide former. FEA-optimized magnet/motor structure generates strong energy in the gap.



Combination Die-Cast and GRIP™ Glass-Reinforced Injection-Molded Polymer Chassis and Mounting Bracket (PCS-80R). A rigid die-cast structure that dramatically reduces ceiling resonances.

High-Strength GRIP™ Glass-Reinforced Injection-Molded Polymer Chassis and Mounting Bracket (PCS-80SQ). A strong, rigid in-wall design that will dramatically reduce sound-coloring resonances.



<i>PCS Series</i>	PCS-80R	PCS-80SQ
Design	Single high-excursion driver, in-ceiling, combination die-cast and GRIP™ chassis/mounting bracket	Single high-excursion driver, in-wall, GRIP™ chassis/mounting bracket
Matching Paradigm® X-Series Amplifier (required, sold sep.)	X-300 (up to 4 PCS subwoofers)	X-300 (up to 4 PCS subwoofers)
Bass Driver	210-mm (8 in) CFP™ cone, 38-mm (1-1/2 in) voice coil, over-molded TPR™ surround, high-temperature polyamide former, ceramic/ferrite magnet structure	210-mm (8 in) CFP™ cone, 38-mm (1-1/2 in) voice coil, over-molded TPR™ surround, high-temperature polyamide former, ceramic/ferrite magnet structure
Low-Frequency Extension*	19 Hz (DIN)	19 Hz (DIN)
External Dimensions: (D or H x W)	29.6 cm / 11-10/16 in	21.4 cm x 21.4 cm / 8-1/2 in x 8-1/2 in
Minimum Mounting Depth**	14.8 cm / 5-14/16 in	10.0 cm / 3-15/16 in
Cutout Dimensions: (D or H x W)	27.0 cm / 10-10/16 in	19.1 cm x 19.1 cm / 7-1/2 in x 7-1/2 in
Minimum Internal Volume Required	22 L / 0.77 cu ft	22 L / 0.77 cu ft
Weight (unpacked)	2.6 kg / 5.2 lb each	1.7 kg / 3.7 lb each
Finish	White, paintable	White, paintable
Pre-Construction Bracket (sold sep.)	PB-10R; retrofit included	PB-7x7; retrofit included
Optional Ported Backbox (sold sep.)	BX-10R	BX-80SQ



<i>X-Series Amplifiers</i>	X-300
Design	Ultra-Class-D™ power amplifier, proprietary EQ software to configure amp for specific application, USB port/PBK interface for programming and optional PBK digital room correction system
Amplifier: High-Current, Discrete Output	900 watts Dynamic Peak / 300 watts RMS
Amplifier Features	Auto-On/Off, soft clipping, electrical shorting protection, thermal protection
Subwoofer Cut-Off Frequency	Variable 35 Hz – 200 Hz; Bypass Option
Sub/Sat Phase Alignment	Variable 0° – 180°
Line-Level Input	RCA. From Sub-Out/LFE-Out of receiver, processor or other line-level source
Speaker-Level Outputs	SUB 1/2; SUB 3/4
Height, Width, Depth	8.9 cm x 43.2 cm x 37.5 cm: 2 rack units 3-1/2 in x 17 in x 14-3/4 in: 2 rack units Includes rack ears for mounting in 19" rack
Weight (unpacked)	6.1 kg / 13.5 lb each
Finish	Black