

P R E M I E R

Collection



*The Value of
Handcrafted Quality*

PHASE
TECHNOLOGY

The Value of Handcrafted Quality

Thank you for considering Phase Technology home entertainment speakers. We know that you have many choices as you evaluate new speakers, and so we sincerely appreciate your interest in our products.

Speaker Design Patents

Our speakers reflect over four decades of experience in speaker design and manufacturing. Phase Technology holds several key patents in loudspeaker technology, including the industry-standard soft-dome tweeter, and we are dedicated to constantly advancing the art and science of audio reproduction.

Phase Technology is one of the few fully vertically integrated American speaker manufacturers. We produce virtually all of our own sub-assemblies (including constructing woofers, tweeters and crossovers, and even winding voice coils) and also build all of our wood speaker cabinets. All Phase Technology speakers are constructed at our company's 60,000-square-foot Jacksonville, Florida headquarters facility.

Absolute Phase™ crossovers

All Phase Technology Speakers are distinguished by our company's exclusive Absolute Phase crossover technology.

These crossovers ensure that the speaker drivers are acoustically and electronically "in phase" and thus moving in unison. This is especially apparent when a sound effect moves from left-to-center-to-right or vice versa. The transition is heard as a smooth flow from one speaker to the next, creating a large, well-defined soundstage with precise imaging and increased depth of field.

This enables every listener to hear every musical note and soundtrack passage clearly regardless of seating position. It allows any Phase Technology speaker to be positioned vertically or horizontally and all models can be mixed for center, main and rear applications. The result is a seamless, wide sound stage throughout your home theater.

Vertical-axis dispersion is also maintained no matter where the speakers are positioned. This is especially noteworthy for center-channel speakers placed horizontally, enabling listeners to be off-axis, on either side of center, and hear clear, intelligible dialogue.

The New PC-9.1 Tower Sets the Standard for the Premier Collection



Model PC-9.1
Floor Standing
Main Speakers

The newest premium speaker in the signature Premier Collection is a handsome, floor-standing three-way model. PC-9.1 represents the company's most advanced technology and design profile, reflecting Phase Technology's bywords, "The Value of Handcrafted Quality."

This series incorporates the state-of-the-art in loudspeaker development for unsurpassed sound reproduction. Included are advanced technologies developed by Phase Technology like solid-flat piston drivers (patent #4566178) which inhibit the "break up modes" that degrade clarity and smoothness. Our Unicell™ anti-diffraction treatment, a proprietary uniform density foam, surrounds every tweeter (and midrange on the PC9.1 and PC3.1) to absorb stray sound waves before they can reflect off the cabinet and grille surfaces to create diffraction distortions. Also featured are user-adjustable variable-axis soft-dome tweeters, a patented (patent #3328537) Phase Technology invention, that can be aimed by the user to create a wide soundstage.

Model PC-9.1 expresses the highly stylized design of the entire Premier Collection with its softly rounded edges that invite a finger's touch. Three furniture-grade real wood finishes are offered: Natural Cherry, Honey Oak, and Black Ash. New, striking geometric black grilles narrow at top and bottom and flare in the middle, and floor spikes with removable carpet pins are included.

SPECIFICATIONS

Tweeter/Midrange	1" user-adjustable variable-axis soft dome and a 1 1/2" soft-dome midrange driver surrounded by Unicell anti-diffraction treatment.
Woofers/Midrange	Three 6" Kevlar-laminated RPF solid flat-piston drivers with butyl rubber surround in a cast aluminum alloy basket
Frequency Response	32-22,000 Hz (± 3 dB)
Sensitivity	92 dB
Impedance	4 Ohms nominal
Recommended Amplifier Power	20w - 350w
Dimensions	45 1/2" h x 8 1/4" w x 14" d, Base 9" x 15"
Grille	Geometric tapered black fabric
Finishes	Natural Cherry, Honey Oak, and Black Ash furniture-grade real wood veneers
Shipping Weight	84 lbs. each

Multi-Purpose Speakers Expand Your Home Entertainment Choices

Two full-range, multi-purpose Premier Collection speakers, the top-performing Model PC-3.1 and the mid-priced Model PC-33.1, offer a choice of speaker solutions for your home entertainment center.

Flexibility is the keyword as these speakers are ideal for horizontal and/or vertical positioning for main- and center-channel use. Model PC-3.1 adds a user-adjustable speaker array to change the positioning of the drivers. These magnetically shielded speakers continue the Premier Collection's grille styling cues and wood-finish options.

These full-range models are designed to accurately handle the rapid volume changes and breadth of frequency response that is the hallmark of digital multi-channel program sources. Their Absolute Phase crossovers offer wide latitude in speaker system placement and positioning.

Enjoy truly breathtaking home-theater realism with these models, and, the experts agree, they're outstanding for music, too!

Model PC-3.1 (above) and Model PC-33.1 (right)



Bookshelf Models Offer More Speaker Solutions



Model PC-T.1 (right) and PC-2.1 (below)

The Premier Collection also includes small- and mid-sized bookshelf speakers to fit your space and your home entertainment needs whether for movies or music.

Better dynamics and deeper bass response makes the Model PC-2.1 the perfect choice for building a multi-channel system or upgrading a two-channel stereo. For full home-theater and multi-channel audio realism, add a Phase Technology powered subwoofer and Premier Collection center-channel speaker to the four front/rear bookshelf models.



Model PC-2.1 features a Kevlar-laminated solid flat-piston woofer for accurate, dynamic performance. There's also a user-adjustable tweeter for flexibility in speaker placement and precise soundstage positioning. And for full-range performance that belies its small size, audition the Model PC-1.1 - it must be heard to be believed!

SPECIFICATIONS	PC-3.1	PC-33.1
Tweeter	1" user-adjustable variable-axis soft dome with Unicell anti-diffraction treatment	1" user-adjustable variable-axis soft dome with Unicell anti-diffraction treatment
Woofer	Dual 6 1/2" RPF solid flat-piston drivers w/butyl rubber surround	Dual 5 1/4" RPF solid flat-piston drivers w/butyl rubber surround
Midrange	1 1/2" soft-dome	N/A
Frequency Response	38-22,000 Hz (± 3 dB)	60-22,000 Hz (± 3 dB)
Sensitivity	92 dB	90dB
Impedance	6 Ohms nominal	4 Ohms nominal
Recommended Amplifier Power	20w - 250w	20w - 150w
Dimensions	22" h x 8 1/4" w x 11 3/4" d	17 1/4" h x 6 1/4" w x 10" d
Grille	Geometric tapered black fabric	Geometric tapered black fabric
Finishes	Natural Cherry, Honey Oak, and Black Ash furniture-grade real wood veneers	Black Ash woodgrain laminate
Shipping Weight	40 lbs. each	18 lbs. each

SPECIFICATIONS	PC-2.1	PC-1.1
Tweeter	1" user-adjustable variable-axis soft dome with Unicell anti-diffraction treatment	1" soft dome with Unicell anti-diffraction treatment
Woofer	6 1/2" RPF Kevlar-laminated solid flat-piston driver w/butyl rubber surround	6 1/2" RPF solid flat-piston driver w/butyl rubber surround
Frequency Response	40-22,000 Hz (± 3 dB)	46-22,000 Hz (± 3 dB)
Sensitivity	91 dB	89 dB
Impedance	6 Ohms nominal	6 Ohms nominal
Recommended Amplifier Power	20w - 150w	20w - 120w
Dimensions	17 1/4" h x 8 1/4" w x 11 3/4" d	13 1/4" h x 8 1/4" w x 11 3/4" d
Grille	Geometric tapered black fabric	Geometric tapered black fabric
Finishes	Natural Cherry, Honey Oak, and Black Ash furniture-grade real wood veneers	Natural Cherry, Honey Oak, and Black Ash furniture-grade real wood veneers
Shipping Weight	28 lbs. each	43 lbs. pair

Slim On-Wall Speaker Offers New Placement Options

Slim-line styling and dynamic performance is what sets the PC 6.1 apart. Its sleek profile is perfect for on-wall mounted applications where maximum performance is desired with minimal visibility and can be used as front main, center or rear channel speakers. The PC 6.1 is an unobtrusive five inches deep, features an innovative bracket that allows the speaker to be aimed toward the listening position by pivoting from side to side and has a user adjustable switch to compensate for on-wall or in-room placement of the speaker.

SPECIFICATIONS PC - 6.1

Tweeter	1" user-adjustable variable-axis soft dome with Unicell anti-diffraction treatment
Woofer	6 1/2" RPF Kevlar-laminated solid flat-piston driver with butyl rubber surround in a cast aluminum alloy basket
Frequency Response	80-22,000 Hz (± 3 dB)
Sensitivity	91 dB
Impedance	6 Ohms nominal
Recommended Amplifier Power	20w - 150w
Dimensions	13 3/4" h x 8 1/4" w x 5 3/8" d
Grille	Geometric tapered black or white fabric
Finishes	Natural Cherry, Honey Oak, White and Black Ash furniture-grade real wood veneers
Shipping Weight	20 lbs. each

Powered Subwoofer Enables Dynamic System Upgrades

The Premier Collection Subwoofer delivers the deep, floor-shaking bass that brings added realism and unparalleled impact to movie soundtracks and music. Adding one of these powered subwoofers is the single most impactful upgrade to any home-theater speaker system.

This stand-alone sub was designed to complement the PC series of speakers. It creates the added dimension and extreme sonic effects that only true deep bass can deliver.

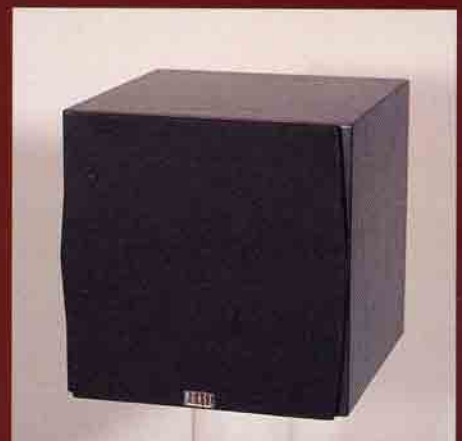
This model features automatic-on circuitry to activate the subwoofer's amplifier when a music source is detected and deactivates the sub when finished listening. Variable crossover points and a phase switch enable this subwoofer to blend precisely and seamlessly with all Phase Technology Premier Collection speaker systems.

SPECIFICATIONS PC SUBWOOFER

Amplifier Power	300-watt internal servo amp with auto-on and level controls
Woofer	10" mica/graphite/poly cone with large roll rubber surround
Phase Switch	0°/180° user adjustable
Crossover Slope	24 dB/Octave variable low pass
Frequency Response	20-180 Hz adjustable
Inputs/Outputs	High/low level
Dimensions	16" h x 15 1/2" w x 19" d
Grille	Geometric tapered black fabric
Finishes	Natural Cherry, Honey Oak, and Black Ash furniture-grade real wood veneers
Shipping Weight	65 lbs. each



PC 6.1



Model PC Subwoofer



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For Product and Local Dealer Information:
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