

PHIASE[®]
TECH



SPEAKERS FOR YOUR LIFE™

Phase Technology® began as United Speaker Systems® in 1955 and has stayed on the leading edge of speaker design and engineering since that time.

Today, Phase Technology is known for producing speakers that match the performance and reliability of any high-end manufacturer at a value that's second to none. The design team at MSE Audio® ensures that our products consistently earn critical acclaim from home theater and audiophile enthusiasts worldwide.

One of the keys to Phase Technology's amazing sound is in the Absolute Phase® crossover networks. 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.

The digital revolution has led speaker manufacturers in new directions, and once again, Phase Technology is on the leading edge. Digital signal processing, proprietary patented materials, self-amplified loudspeakers, wireless technology: the future holds amazing things for loudspeaker design, and you can count on Phase Technology continuing to lead the way.

CRITICAL ACCLAIM

“The PC60 CA’s transparency in the lower midrange made it a natural showcase...the lower register just oozed with rich liquidity out of these diminutive bookshelf speakers - I thought I was listening to much larger speakers.”

Robert J, Reina, *Stereophile*

“With movie sound or multichannel music, the Phase Technology Teatro V3.0 system produced a wide soundstage, and an enveloping soundfield with excellent dialogue clarity, bass depth, and dynamic range, blowing away my assumptions.”

About.com

“Voices—thanks, probably, to that midrange driver—are even clearer than those coming through many conventional speakers. The bass plays deep, much lower than can most small bookshelf speakers. At the same time, the CI-7.3 defines low notes precisely, never rendering them boomy or sloppy.”

Home Entertainment Magazine

“The new version of Phase Technology’s Velocity line is one of the best sets of affordable speakers I’ve ever heard.”

Home Theater

“I would have no problem recommending the TSB3.0 to anyone in need of a soundbar but willing to sacrifice a bit of simplicity for an unquestionably better experience.... The clarity of the TSB3.0 was great throughout the movie, and the SFE™ did a nice job of creating a broad image that seemed to go beyond the physical form of the soundbar.”

Home Theater Shack

“My time with the P3-35 was overwhelmingly positive. With its size, installation options, competitive price point and overall sound quality, how could anyone not like this product?”

Bob Archer, CE-Pro

“Phase Technology’s Teatro TSB3.0 is the kind of soundbar that ennobles its product category with great performance and even, dare I say it, audiophile voicing... These speakers are designed and made in America by people following long-standing traditions of original thought. More important, they are right up there with the most versatile speakers I’ve ever reviewed; they’re effortlessly musical, cinema-worthy, and satisfying on every level.”

Mark Fleishmann, *Sound & Vision*

HISTORY

The origin of Phase Technology® can be traced back to 1955 when Bill Hecht founded United Speaker Systems, Inc.®, an original equipment manufacturer which produced high-fidelity systems for some of the world’s most respected names in audio. Bill Hecht’s career began with his involvement in the development of Cinemascope stereo technology for motion-picture projection in the early 1950s. Bill was involved in installing projectors and sound systems in many of America’s great theaters, including Radio City Music Hall. In 1955, Bill decided to use his knowledge to develop speakers for the new “home audio” market. He began building one speaker by hand per week, selling them through a local radio and hi-fi dealer in New York City, and exhibiting at local hi-fi shows. As an example of amazing prescience, his tag line on literature and in his ads was “Theater sound for the home” – in 1955!

As a result of some good reviews, Avery Fisher commissioned Hecht’s United Speaker Systems in 1959 to build the first Fisher loudspeakers. The result was the legendary XP-1 bookshelf system, which established Fisher as a major brand in the home audio marketplace. The first year saw Bill producing 10,000 speakers for Fisher Radio, a far cry from building one per week by hand in his garage. The business continued to grow and so, in 1981 Hecht decided to create his own brand, Phase Technology. Bill Hecht continued to serve as chairman of Phase Tech up until 2012; and his son, Ken Hecht, continues his legacy today.

Building on over 60 years of design and engineering innovation, Phase Technology occupies a special niche in the intensely competitive home-audio industry - It is one of the few fully vertically-integrated speaker manufacturers in America; producing drivers, crossovers, cabinets and systems. Engineered to exacting specifications, Phase Technology takes quality control very seriously. During the production process, each speaker component faces many quality control checks before final assembly. Then each completed speaker system must meet precise calibration standards for frequency response, sound quality and appearance. Only after passing the final test is the speaker ready for shipment to your local Phase Technology authorized dealer.

Bill Hecht’s legacy of building high quality loudspeakers for music and film realism in the home informs the company’s present and continued future. Phase Technology proudly remains focused on building the finest sounding speaker systems that define performance and value. As one of the few remaining American-made speaker brands, Phase Technology holds a special position in today’s marketplace, and constantly reinforces its leading role with stylized speaker design, technological advances, and innovative breakthroughs in sound production. Phase Tech does not just rest upon the lineage of its industry-leading laurels, they continue to develop “speakers for your life” that help push the industry into the next millennium.

Pictured: Early Fisher brochure showing United Speaker Systems Factory, 1965



Pictured: Magazine Review, 1958



CS PROFESSIONAL

The CS Professional series from Phase Technology® redefines what you should expect in an affordable in-ceiling speaker, offering the looks and performance of most other manufacturers' premium-priced in-ceiling solutions at a much lower cost. The CS-6R, CS-6R DVT and CS-8R, incorporate features most manufacturers commonly offer in their top-of-the-line in-ceiling speakers, such as polypropylene cones with butyl rubber surrounds, swiveling dome tweeters, a true high-pass/low-pass crossover, high-quality metal binding posts and microflange, magnetic grilles.



CS-6R



CS-6R DVT



CS-8R



CS-6R Point



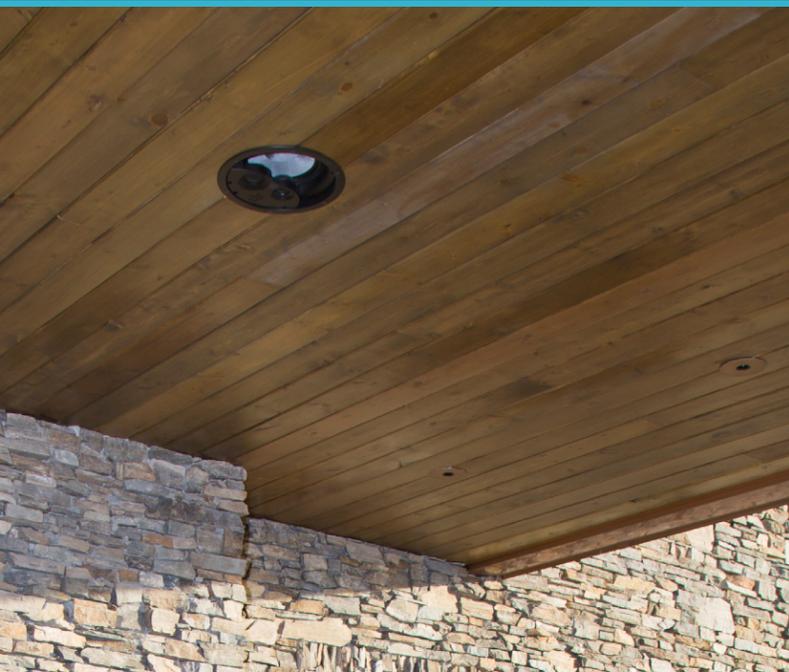
CS6-IW

	CS-6R	CS-6R DVT	CS-8R	CS-6R Point	CS6-IW
Description	6.5" Coax	6.5" Dual VC	8" Coax	6.5" Coax	6.5" Dual VC
Impedance	8Ω	8Ω	8Ω	8Ω	8Ω
Tweeter	.75" Soft Dome	.75" Soft Dome	.75" Soft Dome	.75" Soft Dome	.75" Soft Dome
Woofer	6.5" Polypropylene	6.5" Polypropylene	8" Polypropylene	6.5" Polypropylene	6.5" Polypropylene
Power	5 - 100 Watts	5 - 100 Watts	5 - 120 Watts	5 - 100 Watts	5 - 100 Watts
Frequency Response	50 Hz - 20 kHz	50 Hz - 20 kHz	42 Hz - 20 kHz	50 Hz - 20 kHz	50 Hz - 20 kHz
Dimensions	9.1"Dia 3.75"D	9.1" Dia 3.25"D	10.6"Dia 3.8"D	9.3"Dia 4.8"D	12.4"H 8.5"W 3.4"D
Weight	2 lbs.	2.5 lbs.	4.75 lbs.	3 lbs.	3.5 lbs.
Optional Accessories	RB-21	RB-21	AC-CS-8R-PCB	RB-21	RB-25



CUSTOM INSTALL

PhaseTech CI speakers utilize the highest quality glass fiber cones, soft dome tweeters and midranges all with large, powerful magnet structures behind them all to ensure unequalled driver performance at all times. CI speakers feature Absolute Phase crossover networks, which provide extremely smooth and balanced off-axis frequency response.



CI6.0X

Description	6.5" Coaxial
Impedance	8Ω
Tweeter	1" Soft Dome
Woofer	6.5" Polypropylene
Power	10 - 120 Watts
Frequency Response	48 Hz - 22 kHz
Dimensions	7.78"DIA 4.13"D
Weight	3 lbs.
Optional Accessories	-



CI6.1X



CI6.2X



CI7.3X



CI20X



CI60 VIII

Description	6.5" 2-Way	6.5" 2-Way	8" 3-Way	6.5" 2-Way In-Wall	6.5" 2-Way In-Wall
Impedance	8Ω	8Ω	8Ω	8Ω	8Ω
Tweeter	1" Soft Dome	.75" Soft Dome	1" Soft Dome (Midrange: 1.5" Soft Dome)	1" Soft Dome	1" Soft Dome
Woofer	6.5" Woven Glass	6.5" Woven Glass	8" Woven Glass	6.5" Woven Glass	6.5" Kevlar
Power	10 - 150 Watts	10 - 100 Watts	15 - 200 Watts	10 - 120 Watts	10 - 150 Watts
Frequency Response	40 Hz - 22 kHz	45 Hz - 22 kHz	32 Hz - 22 kHz	48 Hz - 20 kHz	38 Hz - 22 kHz
Dimensions	7.87"DIA 4.37"D	7.87"DIA 4.37"D	9.62"DIA 5"D	11.37"H 7.37"DIA 3.5"D	10.75"H 7.5"DIA 3.5"D
Weight	4.5 lbs.	4.5 lbs.	6 lbs.	5 lbs.	4.75 lbs.
Optional Accessories	RB-21, CI6X-SG	RB-21, CI6X-SG	RB-22, CI7X-SG	RB-23	BB13-II, RB-18

CUSTOM INSTALL (Continued)

With sleek, paintable microflange magnetic grilles, CI speakers can be seamlessly integrated into any room. For a more modern look, we offer a square grille option on our round speakers. CI speakers are built to last and proudly feature a lifetime warranty.

Our high end models from the CI110 II and up use many patented technologies that further refine the sound quality of an in-wall speaker. These models incorporate our patented Solid Piston RPF drivers, patented soft dome midrange and tweeter, and our patented positive clamping system. The CI120 and 130 also use our newest patent "In-wall or In-ceiling Speaker Enclosure" which can double the bass output from a typical in-wall or in-ceiling speaker with a back box.



CI70X



CISURRX



CI110-SIII



CI120

Description	7" 3-Way In-Wall	6.5" 2-Way In-Wall	6.5" 2-Way In-Wall	5.25" 3-Way In-Wall
Impedance	8Ω	8Ω	8Ω	4Ω
Tweeter	1" Soft Dome (Midrange: 1.5" Soft Dome)	(2) 1" Soft Dome	1" Soft Dome	1" Soft Dome (Midrange: 1.5" Soft Dome)
Woofers	7" Woven Glass	6.5" Woven Glass	(2) 6.5" Kevlar	(2) 5.25" Kevlar
Power	10 - 150 Watts	10 - 150 Watts	20 - 150 Watts	20 - 200 Watts
Frequency Response	32 Hz - 22 kHz	45 Hz - 20 kHz	32 Hz - 22 kHz	42 Hz - 22 kHz
Dimensions	12.57"H 8.63"W 3.5"D	12.57"H 8.63"W 3.75"D	21.5"H 10"W 4"D	19.25"H 14.25"W 3.75"D
Weight	5.5 lbs	5.5 lbs.	21 lbs.	20 lbs.
Optional Accessories	RB-23	RB-23	RB-5	-



CI130



CI150



IW200



IW210

Description	6.5" 3-Way In-Wall	5.25" 2-Way In-Wall	Dual 8" In-Wall	10" In-Wall Sub
Impedance	4Ω	4Ω	4Ω	4Ω
Tweeter	1" Soft Dome (Midrange: 1.5" Soft Dome)	1" Soft Dome	-	-
Woofers	(2) 6.5" Kevlar	(3) 5.25" Kevlar	(2) 8" Polypropylene	(2) 10" Polypropylene
Power	20 - 250 Watts	15 - 200 Watts	350 W Peak	350 W Peak
Frequency Response	36 Hz - 22 kHz	55 Hz - 22 kHz	25 Hz - 160 Hz	24 Hz - 160 Hz
Dimensions	23.5"H 14"W 3.75"D	31.37"H 8.12"W 3.87"D	72"H 14.4"W 3.4"D	23.5"H 14"W 3.9"D
Weight	30 lbs.	18.5 lbs.	60 lbs.	30 lbs.
Optional Accessories	RB-15	RB-19	P350	P350

SPACIA™ SERIES

Phase Technology's Spacia™ series redefines space and sound by providing high performance audio from compact speakers that virtually disappear wherever they're installed. Spacia models are weather-resistant, making them ideal for a wide variety of indoor and outdoor locations.



CI-MM3-II

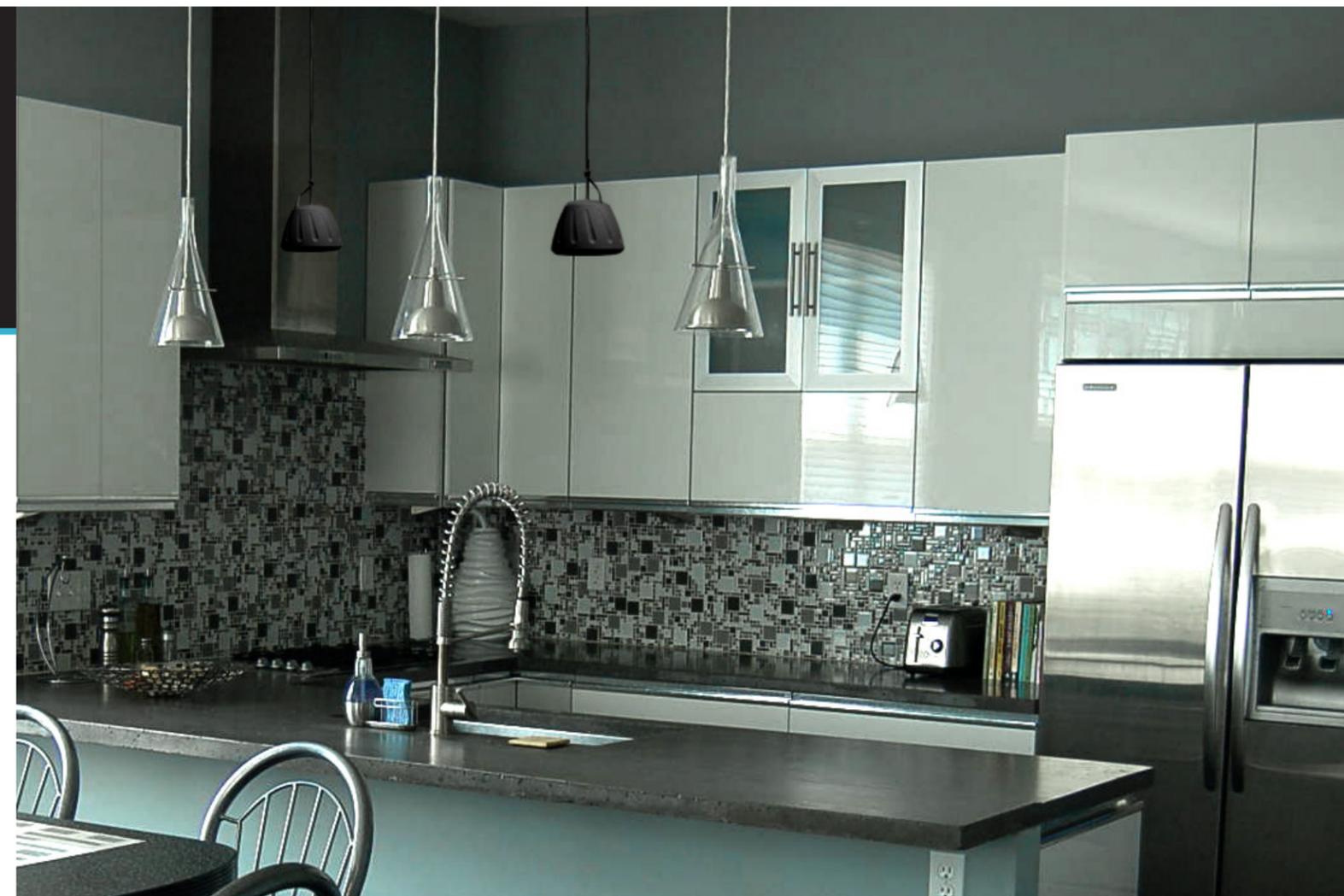


CI15



HS-15

Description	3" In-Wall	3" In-Wall	3" Hanging
Impedance	8Ω	8Ω	8Ω
Tweeter	-	-	-
Woofers	3" Polypropylene	3" Polypropylene	3" Polypropylene
Power	5 - 60 Watts	5 - 60 Watts	10 - 40 Watts
Frequency Response	82 Hz - 22 kHz	115 Hz - 22 kHz	120 Hz - 22 kHz
Dimensions	4"H 4"W 1.9"D	5"H 5"W 4.125"D	4.35"H
Weight	1.5 lbs.	3.1 lbs.	1.4 lbs.
Optional Accessories	AC-CI15-PCB	AC-CI15-PCB	-



PREMIER COLLECTION

Combining a sleek exterior with innovative technology, Premier Collection (PC) speakers express the natural character, timbre and ambience of recorded sound. Whether you're listening to a classic cello performance or an action-packed Hollywood blockbuster, PC speakers deliver unmatched realism and clarity for an immersive listening experience and reproduce content so accurately you will feel like you're front row center at your favorite concert hall or movie theater.

Absolute Phase® crossovers ensure that each driver will produce only the frequencies for which it was designed, while also keeping the drivers electrically and acoustically in phase with one another. Yet, engineering our flagship line did not end with crossovers: PC speakers also incorporate patented RPF® flat piston woofers, developed in house by PhaseTech engineers, these innovative woofers utilize a tri-laminate of Kevlar, RPF, and glass fiber that match the speed and accuracy of our soft dome tweeters.

Not only are the RPF drivers capable of accelerating quickly to high acoustic levels while producing crystal-clear sound at any volume, they also generate a much larger dispersion pattern in both the horizontal and vertical plane. These proprietary drivers inhibit the "break-up modes" that deteriorate clarity and smoothness. The result is a speaker that produces seamless transitions from the lowest frequencies to the highest, making them disappear into the room.

The innovative, and stylish Premier Collection series represents the highest expression of all PhaseTech's 60 plus years of experience in speaker design and manufacturing.

The PC1.5, PC33.5, PC3.5, and PC9.5 are available in Gloss Black. The PC-Surround-II is optional in a Satin Black or Satin White while the PC60CA is available in Black Oak or Oak.



PC1.5



PC33.5

PC3.5



PC9.5



PC-SURROUND-II

	PC1.5	PC33.5	PC3.5	PC9.5	PC-SURROUND-II
Description	6.5" 2-Way	5.25" 3-Way LCR	6.5" 3-Way LCR	6.5" 3-Way Tower	6.5" 3-Way Switch.
Impedance	4Ω	4Ω	4Ω	4Ω	4Ω
Tweeter	1" Soft Dome	1" Soft Dome	1" Soft Dome	1" Soft Dome (Mid: 1.5" Soft Dome)	(2) 1" Soft Dome (Mid: (2) 4" Poly)
Woofer	6.5" RPF Composite	(2) 5.25" RPF Comp.	(2) 6.5" RPF Comp.	(3) 6.5" RPF Comp.	6.5" RPF Composite
Power	20 - 150 Watts	20 - 200 Watts	20 - 250 Watts	20 - 450 Watts	20 - 150 Watts
Frequency Response	40 Hz - 22 kHz	56 Hz - 22 kHz	36 Hz - 22 kHz	28 Hz - 22 kHz	60 Hz - 22 kHz
Dimensions	14"H 8"W 12"D	7"H 18"W 9.6"D	22"H 8"W 12.3"D	45.5"H 9"W 14.7"D	15"H 14.5"W 5"D
Weight	18.14 lbs.	18.5 lbs.	32 lbs.	66 lbs.	19 lbs.



PC60 CA

Description	6.5" 2-Way
Impedance	4Ω
Tweeter	1" Soft Dome
Woofer	6.5" RPF Composite
Power	20 - 150 Watts
Frequency Response	60 Hz - 22 kHz
Dimensions	13.2"H 8.6"W 8.2"D
Weight	16 lbs.



VELOCITY SERIES

The Phase Velocity series includes bookshelf, tower, and surround models, providing a speaker for any need in any room. Phase Technology's patented soft dome tweeter reproduces silky smooth and well defined high frequencies, making it the perfect complement to the VDT™ (Vapor Deposited Titanium) woofer that produces extraordinarily bass and mids. Featuring PhaseTech's signature Absolute Phase® Crossovers, Phase Velocity speakers ensure that you will get incredible performance at an affordable price.



V52



V62



V626



V5520



V-Surround-II

Description	5.25" 2-Way
Impedance	8Ω
Tweeter	1" Soft Dome
Woofer	5.25" Titanium
Power	15 - 120 Watts
Frequency Response	55 Hz - 20 kHz
Dimensions	10.75"H 7.4"W 8.53"D
Weight	8.4 lbs.

Description	6.5" 2-Way	6.5" 3-Way Tower	5.25" 2-Way LCR	5.25" 2-Way Switchable
Impedance	8Ω	8Ω	8Ω	8Ω
Tweeter	1" Soft Dome	1" Soft Dome	1" Soft Dome	(2) 1" Soft Dome
Woofer	5.25" Titanium	(2) 6.5" Titanium	5.25" Titanium	5.25" Titanium
Power	15 - 140 Watts	15 - 200 Watts	15 - 140 Watts	15 - 120 Watts
Frequency Response	42 Hz - 20 kHz	32 Hz - 20 kHz	50 Hz - 20 kHz	60 Hz - 20 kHz
Dimensions	13.25"H 8.25"W 9.53"D	40.5"H 8.25"W 9.53"D	7.4"H 18"W 8.53"D	9"H 11.94"W 4.5"D
Weight	10.5 lbs.	24 lbs.	11 lbs.	6.55 lbs

TEATRO SOUNDBARS

Teatro soundbars combine precision drivers with Enhanced Voice Technology (EVT) circuitry and Spatial Field Expanders (SFE) for a sonic experience you won't get from traditional soundbars. EVT allows you to augment only the frequencies associated with vocal intelligibility and may be turned on and off with the simple flip of a front panel switch. SFE (Spatial Field Expanders) technology utilizes proprietary circuitry and side-mounted drivers to create the effect of speakers that are spaced several feet apart at the front of the room - creating the effect of a wide and enveloping soundstage.

The PC3.0 may be fitted with a custom grille to match the width of your TV.

The TSB3.0 is a truly ultra-thin, three-channel soundbar – measuring only one and one half inches thick where the bar meets the TV. The TSB comes with a wall-mount and tabletop stand.



PC3.0



TSB3.0

Description	5.25" 3-Way LCR Soundbar	3" 2-Way Soundbar
Impedance	4Ω	8Ω
Tweeter	(3) 1" Soft Dome	(3) .75" Soft Dome
Mids/Ambient Driver	(5) 1.5" Soft Dome	(2) 1" Aluminum
Woofers	(3) 5.25" RPF Composite	(6) 3" Polypropylene
Power	15 - 150 Watts / Channel (3x)	15 - 100 Watts / Channel (3x)
Frequency Response	52 Hz - 22 kHz	75 Hz - 20 kHz
Dimensions	7"H 40"W 4.5"D	6.75"H 43"W 1.5"D
Weight	30 lbs.	15 lbs.
Optional Accessories	Custom Grill	-



TEATRO ULTRA-THIN

Teatro Ultra-Thin speakers are the perfect complement to today's panel TVs. The TFS 1.0 (Thin Front Surround), just as the name implies, can be used as fronts and surrounds: left, center, right, or any configuration of surround channels, in either a vertical or a horizontal orientation. The TFS speakers come with a wall mount and a horizontal tabletop stand in the box. The TCE 1.5 is a "thin center eliminator", a system that provides discreet, three-channel performance out of only two speaker cabinets. The upper portions of both speakers handle the dedicated left and right content, but the lower portions of each TCE act as mono center channels which are then fed the same center mix from your source. This creates the illusion that there is a center channel speaker right in the middle of your left and right speakers.

The TCE solves a common installation problem where, for one reason or another, a dedicated center channel speaker cannot be installed or mounted. The TCE can be wall-mounted or used with the smoked acrylic table-top base.



TFS1.0



TCE1.5

Description	3" Dual 2-Way Surround Channel	3" 2-Way Front Channel
Impedance	8Ω	8Ω
Tweeter	.75" Soft Dome	(2) .75" Soft Dome
Woofers	(2) 3" Polypropylene	(5) 3" Polypropylene
Power	15 - 100 Watts	15 - 100 Watts
Frequency Response	65 Hz - 20 kHz	65 Hz - 20 kHz
Dimensions	6.75"H 18.5"W 1.5"D	6.75"H 26.5"W 1.5"D
Weight	5.8 lbs.	8 lbs.
Optional Accessories	TPB-1	-

SUBWOOFERS

The HV subwoofer series of Phase Technology® features treated pulp drivers with high excursion rubber surrounds. Each sub's driver has a 150-watt servo-controlled amplifier with DSP that monitors and adjusts output for dynamic, undistorted bass. Each subwoofer also features gain control, phase switch, variable crossover, L&R inputs and a separate LFE input.

Power FL subwoofers deliver uncompromised bass output. To maximize output and increase excursion, a proprietary butyl rubber surround is virtually double the size of conventional surrounds. The combination of an oversized surround with an ultra long-throw, mineral filled polypropylene woofer and a downward-firing bass radiator delivers serious bass response and output.

A 250 watt servo-controlled amplifier monitors and adjusts output for dynamic, undistorted response. Power FL Series subwoofers also include gain control, a phase switch, variable crossover frequencies, line level inputs, a separate LFE input, and speaker level input.

PC WL subs feature uncompressed wireless signal transmission, allowing you to experience serious punch without having to run any cumbersome wires. Or, if preferred, the PC WL subs can be hardwired. Double-stacked magnets, cast frames, long voice coils, and oversized surrounds, are capable of up to 2.5" of peak-to-peak motion, allowing the subwoofer to deliver titanic bass that will shake you to your core. Sleek, high-gloss black cabinet finishes give these subwoofers an elegant and modern look that will complement your home decor.



	HV101-LP	HV101-II	HV121-II	Power-FL8
Description	10" Subwoofer	10" Subwoofer	12" Subwoofer	8" Subwoofer
Driver	10" Treated Pulp	10" Treated Pulp	12" Treated Pulp	8" Polypropylene
Crossover Frequency	40 - 250 Hz Variable; 24 dB/Octave + LFE	40 - 250 Hz Variable; 24 dB/Octave + LFE	40 - 250 Hz Variable; 24 dB/Octave + LFE	40 - 110 Hz Variable; 24 dB/Octave + LFE
Crossover Type	Variable Low Pass	Variable Low Pass	Variable Low Pass	Low Pass
Max Power	150 Watts	150 Watts	150 Watts	250 W Cont. / 600 W Max
Freq Response	35 - 250 Hz	28 - 200 Hz	22 - 250 Hz	32 - 150 Hz
Dimensions	6"H 13.5"W 19.8"D	14.8"H 13.5"W 14.5"D	16.8"H 15.5"W 16.5"D	15.5"H 11.5"W 13"D
Weight	16.5 lbs.	21 lbs.	24 lbs.	23 lbs.



	Power-FL10	Power-FL12	PC-Sub WL-10	PC-Sub WL-12
Description	10" Subwoofer	12" Subwoofer	10" Wireless Subwoofer	12" Wireless Subwoofer
Driver	10" Polypropylene	12" Polypropylene	10" Polypropylene	12" Polypropylene
Crossover Frequency	40 - 110 Hz Variable; 24 dB/Octave + LFE	40 - 110 Hz Variable; 24 dB/Octave + LFE	35 - 120 Hz Variable; 24 dB/Octave + LFE	-35 - 120 Hz Variable; 24 dB/Octave + LFE
Crossover Type	Low Pass	Low Pass	Low Pass	Low Pass
Max Power	250 W Cont. / 600 W Max	250 W Cont. / 600 W Max	300 W Cont. / 900 W Max	300 W Cont. / 900 W Max
Freq Response	22 - 150 Hz	22 - 150 Hz	22 - 200 Hz	20 - 200 Hz
Dimensions	16.6"H 12.5"W 15"D	18.5"H 15"W 16.5"D	13"H 13.375"W 14.5"D	16" H 15" W 16.375" D
Weight	30 lbs.	42 lbs.	34.5 lbs.	41.5 lbs.

SOLARIS

PhaseTech's Solaris series of outdoor speakers meets the challenge of delivering high-quality music to any outdoor space. Fully weatherproof and backed by a ten-year warranty, the Solaris line provides outdoor audio performance that is second to none.

The Solaris series is comprised of weatherized components for lasting performance outdoors. Each speaker incorporates water-tight fittings, mineral-filled polypropylene cones with butyl surrounds, and powder-coated metal grilles. All hardware also utilizes weather-resistant brass and stainless steel materials.



SPF-15

Description	3" Surface-Mount
Impedance	8Ω
Tweeter	-
Woofers	3" Polypropylene
Recom. Power	5 - 40 Watts
Freq. Response	122 Hz - 22 kHz
Sensitivity	85 dB
Dimensions	4.35"H 4.35"W 3.81"D
Weight	1.4 lbs.



SPF-25



SPF-35



SPF-55



SPF-85

Description	5.25" Surface-Mount	6.5" Surface-Mount	5.25" Coaxial	8" Coaxial
Impedance	8Ω	8Ω	4Ω	4Ω
Tweeter	1" Titanium Dome	1" Titanium Dome	1" Aluminum Dome	1" Aluminum Dome
Woofers	5.25" Polypropylene	6.5" Polypropylene	5.25" Polypropylene	8" Polypropylene
Recom. Power	10 - 120 Watts	10 - 150 Watts	15 - 120 Watts	15 - 200 Watts
Freq. Response	60 Hz - 20 kHz	45 Hz - 20 kHz	49 Hz - 22 kHz	38 Hz - 22 kHz
Sensitivity	89 dB	88 dB	86 dB	88 dB
Dimensions	11"H 6.75"W 6.25"D	12"H 8.75"W 7.7.5"D	15.51"H 14.17"D	16.42"H 14.7"D
Weight	5.3 lbs.	6.8 lbs.	13 lbs.	16.7 lbs.

AMPLIFIERS

The PhaseTech® OS440 is the industry's first outdoor smart amplifier, offering four channel operation, digital and analog inputs, bluetooth, and even WiFi connectivity. The OS440 is a hi-tech powerhouse with advanced features that will allow it to become the hub of your outdoor audio experience.

The P350 amplifier was designed for maximum versatility in amplification, with a massive toroidal transformer and a Class "G" design. The P350 is the companion amplifier to Phase Technology custom in-wall subwoofer systems yet it also has the flexibility of operation as a full range high current, high performance, mono-block audio power amplifier. The P350 amp features an adjustable bass EQ, sub filter in/out switch, switchable low pass crossover, a level control for matching your subwoofer system to the main speakers and phase control for matching the output phase to that of your speakers.

The P3-35 is a three-channel mini-amplifier that features digital and analog inputs, Bluetooth® functionality, RS232 control port, IR learning, and a line-level subwoofer output option, allowing you to integrate any powered subwoofer into your set-up. The P3-35 even features Dolby Digital® decoding, ensuring that you'll never lose the surround content in any Dolby Digital mixes. The P3-35 amp measures only 1 1/4" x 4" x 7 1/4", so it is small enough to fit behind a wall mounted TV.



OS-440



P350



P3-35

	OS-440	P350	P3-35
Description	4-Channel, weatherproof, WiFi streaming with smart device	P350 Class-G high current sub / full-range mono block	2/3-Channel A/V Amplifier w/ Dolby Digital® and Bluetooth® for Soundbar & TV Speakers
Power	4 x 40 watts > 1% @ 4ohm 2 x 80 watts > 1% @ 8ohm	350 W RMS @ 4Ω, 700 W peak, 225 W RMS @ 8Ω, 400 W peak	2 Channel - 50 Watts RMS/CH > 1% @ 8Ω, 55 Watts @ 4Ω 3 Channel - 35 Watts RMS/CH > 1% @ 8Ω, 40 Watts @ 4Ω
Frequency Response	20 Hz - 20 kHz	10 Hz - 20 kHz	10 Hz – 20 kHz @ 1 Watt RMS 8Ω >.1% THD
Dimensions	1.75" H 8" W 9.75" D	2" H 17.25" W 13.25" D	2" H 17.25" W 13.25" D
Weight	3.74 lbs.	17 lbs.	1 lbs.
Optional Accessories	-	-	Weatherproof box

ACCESSORIES

Model	Description
AC-SM31-JBOX	Single gang new construction 2.5" deep metal j-box
BB12	SYSTEM-CIFGR VIII Back Box Assembly
BB13-II	IN-WALL Back Box CI Wall Speakers
CI-FG	SYSTEM - CIV Flange/Grille
AC-CI1.5-PCB	Pre-construction bracket - RIB - CI1.5
AC-CI15-PCB	Pre-construction bracket - RIB - CI15
RB18	CI-FGQM Rough-In Bracket
RB19	CI150 Rough-In Bracket
RB21	CI6.1X and CI6.2X Rough-In Bracket
RB22	CI7.3X Rough-In Bracket
RB23	CI20X, CISURRX AND CI70X Rough-In Bracket
RB5	SYSTEM - CI110 Rough-In Bracket
CI-FGR	SYSTEM-CI Rounds Flange/Grille
RB14	Rough-In Bracket 196MM
RB17	CIFG-R Rough-In Bracket
TPB-1	Desktop mounting bracket - TFS1.0 and TCE1.5
AC-SL1	SNAP LINK: For quick hanging connections, 1/4"
AC-SLT-10-BK/AC-SLT-10-WH	SPLIT LOOM TUBING, 10' Black or SPLIT LOOM TUBING, 10' White
CI6X-SG	SYSTEM-CI6X SERIES Square Grille
CI7X-SG	SYSTEM-CI7X SERIES Square Grille
AC-SM31-XFMR-BK/AC-SM31-XFMR-WH	Transformer for the SM31 speaker, black or white



MSE AUDIO®

Parent company of major manufacturing brands, MSE Audio utilizes the latest audio technology to produce the best sounding speakers in the world. With multiple design and manufacturing centers across the residential and commercial spheres, the products rely on synergistic, cross-platform engineering to deliver exceptional durability, industry-leading quality control, and refined aesthetics.

MSE Audio's Jacksonville, FL location (home of Phase Technology) occupies a special niche in today's audio industry as it is one of the few fully vertically-integrated speaker manufacturers in America producing drivers, crossovers, cabinets and systems. Unlike most brands, which rely on offshore manufacturers to design their speakers, every speaker and speaker system in the MSE Audio catalog is designed, prototyped, and performance proven in Jacksonville before being produced in one of its factories.

Check out Phase Technology's sister brands below:



SOUNDTUBE® ENTERTAINMENT

THE CURE FOR THE COMMON SPEAKER™

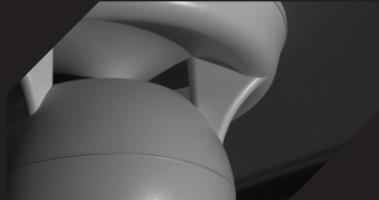
Designed for broad, intelligible coverage with superior musicality, SoundTube speakers elevate the audio experience. From the Original Pendant Speaker to models for in-ceiling, surface-mount, IP-addressable, outdoor, focused-point and more, we offer speaker solutions for nearly every application.



SolidDrive® SOUND WITHOUT SPEAKERS™

SOUND WITHOUT SPEAKERS™

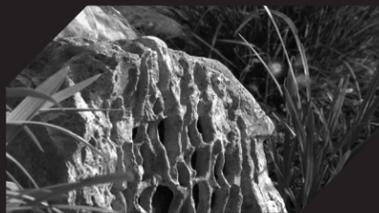
SolidDrive® is the solution for invisible sound, providing a hidden sound source for in-wall, surface mount and glass applications. Unique technology transforms surfaces into sound-producing planes that blanket whole rooms with music and soundtracks. SolidDrive products are made in the USA.



SOUNDSPHERE® LOUDSPEAKERS

THE BEST SOUND AROUND™

Designed for on-ceiling and in-ceiling uses, Soundsphere speakers produce a diffuse sound field with a wide coverage pattern ideal for PA announcements and music. Soundsphere products are made in the USA.



Rockustics®

ULTRA-FIDELITY OUTDOOR SPEAKERS™

Rockustics® offers an extensive line of high-fidelity, all-weather outdoor speakers for both home and commercial applications. Each model is designed to enhance the environment by providing the highest quality sound with unparalleled lifelike aesthetics. Handcrafted in the USA.



INDUCTION DYNAMICS

AUDIO PERFECTION REALIZED™

Induction Dynamics® speakers are engineered to achieve precise sound in any home theater and are hand-tuned to exact specifications. This meticulous attention to detail and craftsmanship results in design qualities and system-wide performance unlike any other.



PHASE TECH

SPEAKERS FOR YOUR LIFE™

Phase Technology®, based in Jacksonville, Florida is one of the oldest and most prestigious speaker manufacturers in the United States. Holding numerous patents for speaker design (including the soft dome tweeter), Phase Technology offers a range of speakers for the home integrator.

