



+ A creative company with no limits

No other speaker company takes the same approach to developing technology, bringing innovation to market and celebrating creativity in everything it does. Because of that, SoundTube continues to introduce products no other speaker company can match.

HPi

High-Power Speakers

SOUNDTUBE
ENTERTAINMENT



Space control.

+ Powerful performance with visual appeal

Lead. Or follow.



+ HPi Series	+ HP590i	+ HP690i	+ HP890i	+ HP129i*	+ HP1290i*	+ RF122-150*
System Type	5.25" Coax, High-SPL	6.5" Coax, High-SPL	8" Coax, High-SPL	12" Coax, High-SPL	12" Coax, High-SPL	12" Coax, High-SPL, Row Frame
Frequency Response (-3 dB)	74 Hz - 22 kHz	71 Hz - 21 kHz	71 Hz - 22 kHz	98 Hz - 22 kHz	70 Hz - 17 kHz	70 Hz - 17 kHz
Frequency Response (-18 dB)	64 Hz - 22 kHz	62 Hz - 22 kHz	63 Hz - 22 kHz	60 Hz - 22 kHz	50 Hz - 22 kHz	50 Hz - 22 kHz
Program Power RMS/MAX	160w	200w	250w	300w	300w	200w
Max. Continuous Power RMS	80w	100w	125w	150w	150w	100w
Sensitivity dB (2.83V/1M)	89.5dB	92.5dB	94.5dB	97.0dB	96.0dB	99.0dB
Sensitivity dB (1W/1M)	89.5dB	92.5dB	94.5dB	97.0dB	96.0dB	99.0dB
Impedance (nominal)	8 ohm	8 ohm	8 ohm	8 ohm	8 ohm	8 ohm
Max SPL (1m @ 1M)	108.5dB	112.5dB	115.5dB	119.0dB	120.0dB	119.0dB
Coverage Angle (-4 dB @ 2kHz)	95°	115°	150°	N/A	N/A	N/A
Coverage Angle (-4 dB @ 20kHz)	50°	95°	90°	N/A	N/A	N/A
Woofer	5.25" Poly	6.5" Treated Fiber	8" Treated Fiber	12" Treated Fiber	12" Treated Fiber	12" Treated Fiber
Tweeter	1" Aluminum	1.375" Comp. Driver	1.375" Comp. Driver	1.375" Comp. Driver	1.375" Comp. Driver	1.375" Comp. Driver
Inputs	4-Pin Euroblock	4-Pin Euroblock	4-Pin Euroblock	4-Pin Euroblock	4-Pin Euroblock	6-Pin Euroblock
Colors	Black or White	Black or White	Black or White	Black or White	Black or White	Black
Height	11.74 in / 298.2 mm	14.31 in / 363.5 mm	17.23 in / 437.6 mm	17.90 in / 452.1 mm	22.90 in / 579.1 mm	10.00 in / 254.0 mm
Diameter	9.68 in / 245.9 mm	12.10 in / 307.3 mm	14.82 in / 376.4 mm	18.00 in / 457.2 mm	20.90 in / 528.3 mm	12.00 in / 304.8 mm
Weight	9.5 lb / 4.3 kg	18.5 lb / 8.4 kg	26.8 lb / 12.2 kg	28.0 lb / 12.7 kg	35.0 lb / 15.9 kg	12.0 lb / 5.5 kg

*preliminary technical data

SoundTube continually develops new product innovations and improvements. Updates to existing products without prior notice are an example of SoundTube's drive for constant improvement. For updated technical information download a technical data sheet from www.soundtube.com. SoundTube® Entertainment manufactures a complete line of open-celling, in-celling, high-power, outdoor and sound-focusing speakers. All SoundTube products come with a 5-year limited warranty. All SoundTube products are designed and engineered in the USA.

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HPi

High-Power Speakers

Powerful performance with visual appeal



+ Advancing the Science of Sound

SoundTube's focus on advancing design and engineering has created products and a brand that stand for true customer benefit and quantifiable value.

SoundTube has taken a unique approach to the acoustical challenges associated mid-to long-throw music and messaging.

By delivering treble dispersion over a wider area, SoundTube is ideal for gymnasiums, theme parks, arenas, public spaces and promenades.

+ Pushing the Boundaries of Acoustics

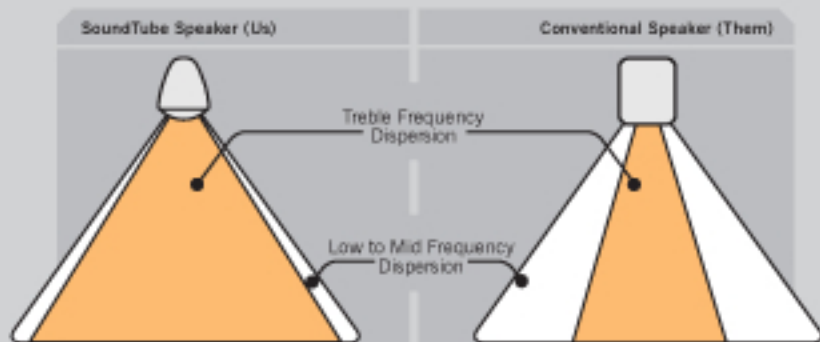
SoundTube has pushed the limits of acoustics and physics to develop several new audio technologies for the HPI High-Power line including BroadBeamHP®.

Three years in development, BroadBeamHP® is a revolutionary treble dispersion technology that allows each speaker to cover more area with

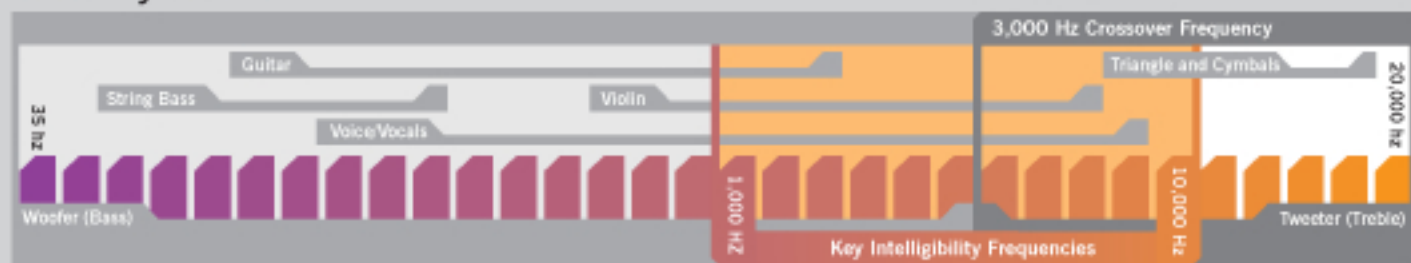
full-frequency sound. In concert with SoundTube's other proprietary technologies, BroadBeamHP® delivers superior performance and lowers overall system costs.

+ Delivering More Intelligible Sound

SoundTube high-power speakers deliver better, more intelligible sound through BroadBeamHP® dispersion technology which distributes the higher frequencies of sound over a wider, more effective pattern than conventional high-power speakers. This allows for wider spacing of speakers and fewer speakers per install, without sacrificing intelligibility.



Anatomy of Sound



+ Mud Island River Park - Memphis, Tennessee



+ Five Flags Hockey Rink - Dubuque, Iowa



+ Links Bus Terminal - Orlando, Florida



+ Delivering Technology and Value

Every feature of SoundTube HPI speakers maximizes performance and benefits the customer – from the patented, ultra-rigid enclosure design that eliminates standing sound waves to the advanced circuitry that provides true musical reproduction and crystal-clear intelligibility, indoors or out.

+ System compatibility

By using the same electro-acoustic subassembly, these new speakers are designed to sonically match SoundTube's CMi and SMi speakers for applications requiring combinations of hanging and mounted speakers.



+ Full-frequency dispersion

The hallmark of SoundTube HPI speakers is full-frequency sound dispersion, made even more robust with BroadBeamHP® SoundTube's revolutionary high-frequency dispersion technology.



+ Extreme duty motor-board

SoundTube's new cast-aluminum motor-boards integrate the woofer frame, heat-sink and baffle features for extreme stiffness, cooling and serviceability.



+ Hanging hardware included

Installation hardware, including hanging cables and speaker clamps is included with each HPI speaker.



+ ZeroReflection® enclosure

HPI enclosures are optimized to eliminate standing sound waves and deliver intelligible sound in large open spaces while integrating with all types of architecture.



+ Fast-action wiring

Each new HPI speaker is shipped with fast-action wiring and a 6-position tap switch that allows for 25, 70.7 or 100 Volt and 8 Ohm applications. For serious output HPI series transformers range from 33 to 150 Watts, depending on the model.

+ Surface-mounting option

In addition to hanging in open ceiling environments, HPI speakers can be surface mounted with SoundTube's optional bracket.