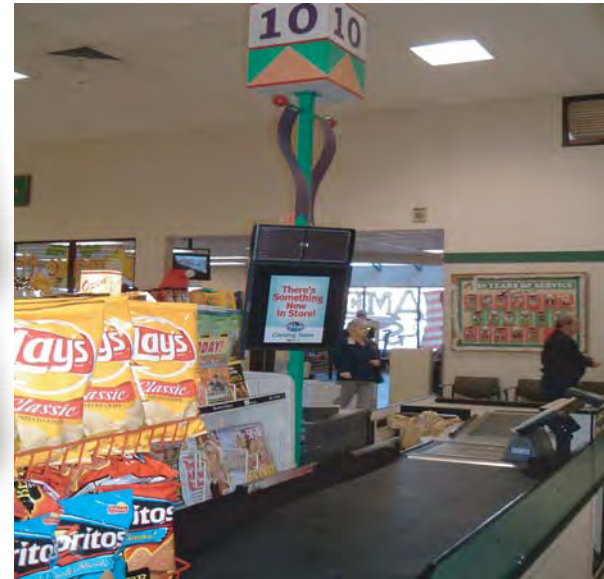




H450



CUT THROUGH THE NOISE WITH THE HSS® H450

Now your target audience can hear exactly what you want, exactly where you want them to. Designed to target a specific area, HyperSonic Sound® technology (HSS) uses a tightly focused directional beam of sound that is heard only by those in the selected area.

The high-precision targeting of the H450 significantly reduces the levels of noise pollution in both open and confined spaces and anywhere else ambient noise is an issue. The H450 also ensures that your intended audience receives the messages conveyed through the system clearly.

Whether at a point of sale or point of interest in a museum, retail environment or lobby, the H450 offers display-point audio that is so focused that only the intended listener will hear the communications emanating from the system. The system transforms these areas into consistent virtual listening areas without the discomfort and variability of sound intensity from conventional loudspeakers.

For more information, please visit www.atcsd.com.

"More than half of shoppers will recall in-store AUDIO advertising messages while shopping."

Custom Research, Arbitron—DDI Magazine

"HSS offers an unprecedented level of control and customization in targeting advertising messages to the listeners of our networks"

Robert Brazell, Chairman and CEO - IBN





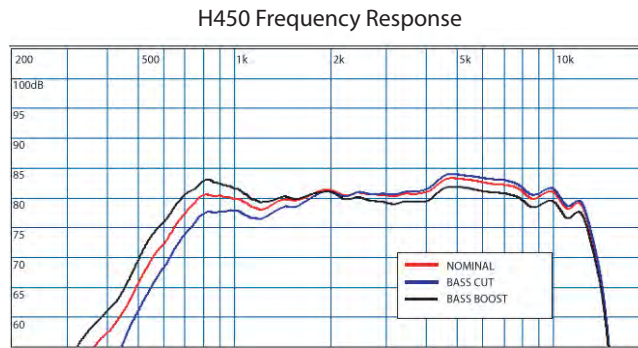
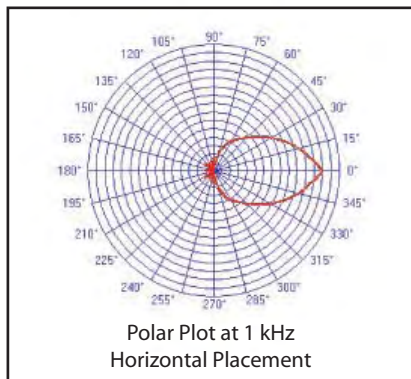
AmericanTechnology
CORPORATION

Shaping the future of sound®



HSS450 SPECS

ELECTRICAL AC Power Cord Length	1.83 Meters (6ft)
POWER REQUIREMENTS Wattage	100 watts maximum
ELECTRICAL RATINGS Input Universal Power Supply Output	90V – 264VAC 48V ~ 60Hz 48V DC @ 2 Amps maximum
MECHANICAL Physical Dimensions H450	Depth (Front to Back); Height (Top-Bottom); Width (Left-Right) 88.1mm (3.47") x 151.4mm (5.96") x 311.1mm (12.25")
UNIT WEIGHT H450	1.5 kg (3.3 lbs)
UNIT COLORS BLACK  WHITE 	Catalog No. HSS-H450-B Catalog No. HSS-H450-W
ENVIRONMENTAL Operating Temperature Storage Temperature Operating Humidity Range Storage Humidity Range	0°C to 40°C (32°F to 104°F) -20°C to 50°C (-4°F to 122°F) 0 to 95% (non-condensing) 0 to 95% (non-condensing)
ULTRASONIC AND DSP PROCESSING Carrier Frequency Modulation Method	Variable 40 - 50 kHz Proprietary Dynamic Carrier
ULTRASONIC EMITTER Type:	ATC Proprietary Monolithic Film Transducer
AUDIO Impedance Input Connectors System Configuration Max Input for Max Output	10k Ohms 2 RCA style connectors Monaural (2 input channels summed together on the RCA connectors) 160 mVrms x1 channel or 80 mVrms x2 channels
SYSTEM Max Audio SPL output	85 dB @ 1 kHz/1 Meter
POWER AMPLICATION Amplifier Type Amplifier Power Output Potential	Proprietary Modulation Amplifier (MODAMP®) 80W



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American Technology Corporation is "Shaping the Future of Sound®". Revolutionary concepts in directional acoustic beam forming and next generation intelligibility are the hallmarks of our engineered sound solutions. American Technology has engineered innovative products to support commercial, government, and military markets.

