



H460



CUT THROUGH THE NOISE WITH THE HSS® H460

Now your target audience can hear exactly what you want, exactly where you want them to. Designed to target a specific listening 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 H460 significantly minimizes the levels of noise pollution in both open and confined spaces and anywhere else ambient noise is an issue. With twice the output of the H450, the H460 at 91 dB ensures that your intended audience receives your audio messages conveyed through the system clearly and intelligibly.

Whether at a point of sale in a retail environment or point of interest in a museum or lobby, the H460 offers display-point audio that is so focused that only the intended listener will hear your audio message. The system transforms these areas into consistent virtual listening areas without the pervasive omnidirectionality of conventional loudspeakers.

For a free demo and more information, please contact an ATC representative.

THE HSS ADVANTAGE:

HIGHLY DIRECTIONAL

- ULTIMATE CONTROL IN AUDIO PLACEMENT
- MINIMIZES NOISE POLLUTION

EASE OF INSTALLATION


- BUILT-IN AMPLIFIER
- COMPACT FORM FACTOR
- LIGHTWEIGHT

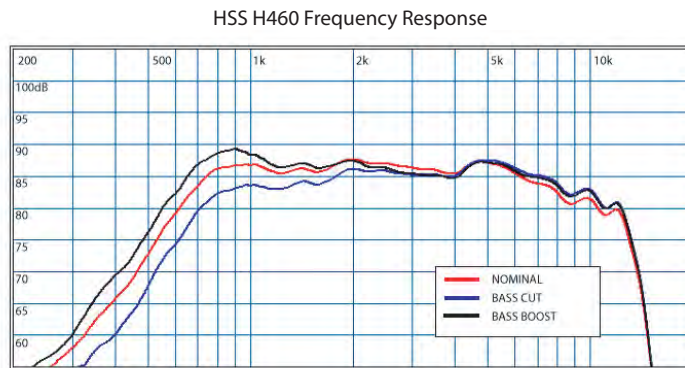
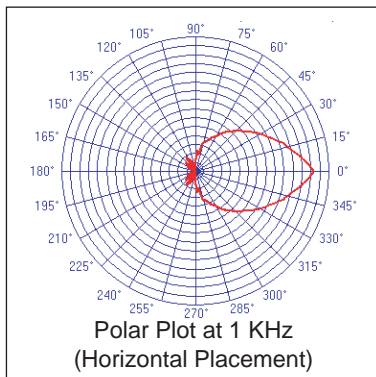
COST EFFICIENT

- LEAST EXPENSIVE HARDWARE TO PURCHASE
- LEAST EXPENSIVE HARDWARE TO INSTALL
- LOWEST MAINTENANCE COST
- TOTAL COST OF OWNERSHIP



Shaping the future of sound®

ELECTRICAL AC Power Cord Length	1.83 Meter (6 feet)
POWER REQUIREMENTS Wattage	100 watts maximum
ELECTRICAL RATINGS Universal Power Supply Input Output	100V - 240V ~ 50/60 Hz 48V DC @ 2.08 Amps
MECHANICAL Physical Dimensions H460	Depth (Front to Back); Height (Top-Bottom); Width (Left-Right) 75 mm (2.96") x 310 mm (12.2") x 310 mm (12.2")
UNIT WEIGHT H460	4.5 kg (9.9 lbs)
UNIT COLOR BLACK 	Catalog No. HSS-H460-B
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 Connector 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	91 dB @ 1kHz/1 meter
POWER AMPLIFICATION Amplifier Type Amplifier Power Output Potential	Proprietary Modulation Amplifier (MODAMP®) 100W



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.