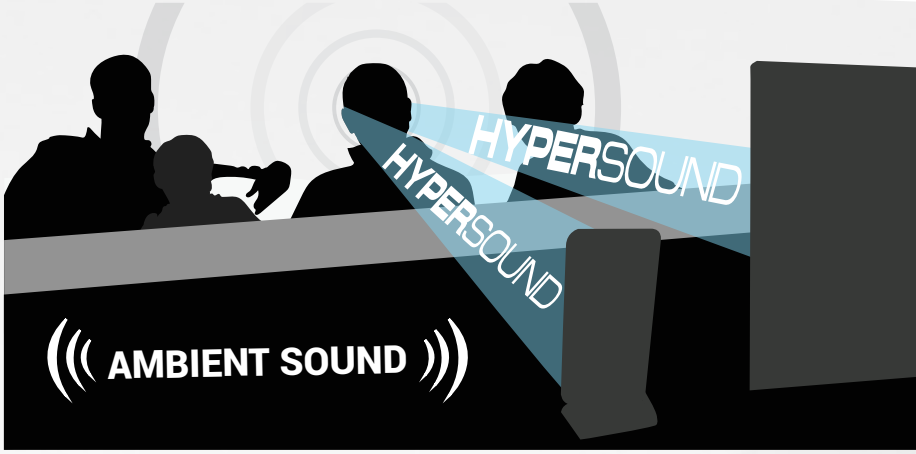
HYPERSOUND® hearing solutions

HEAR EVERY WORD™

Innovative Hearing Technology

As indicated by clinical and preference research, HyperSound® improves clarity and comprehension of sound for those with hearing loss. By beaming sound with similar precision to a flashlight, sound only reaches the intended listener. Because audio can be tightly directed to a specific area it provides individuals in that area the benefit of audio without disturbing others. HyperSound® speakers deliver sound precisely, and consequently less volume is necessary to deliver sound where it is needed.



KEY BENEFITS:

Better TV listening experience without disturbing family members

Improved audio clarity and speech comprehension

Immersive sound without the need to wear headphones or other devices

Simple, easy-to-use interface and sleek, compact design

TURTLE BEACH™ CORPORATION

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HYPERSOUND CLARITY™ 500P

PRODUCT SPECIFICATIONS

System Includes:

- 2 HyperSound Speakers
- Speaker Cables, Audio Cable and Toslink (optical fiber)
- Amplifier
- Power Supply
- Remote Control

Speaker Type:
HyperSound proprietary, patented and patent pending film transducer

System:
Max audio SPL output:
(single emitter)
85dB @ 1.5 kHz/2 meters

Unit Weight:
7.5 pounds (3.4 kg)
(per complete system)

Electrical:
AC power cord length:
1.5 meters (5 feet)
Speaker cord length (14AWG):
4 meters (12 feet)
Universal power supply:
Input: 100V-240V-50/60 Hz
Output: 48V DC @ 2 amps

Mechanical:
Speaker dimensions:
14 x 7.875 x 2 inches
Amplifier:
10.75 x 7 x 2 inches

Ultrasonic and DSP Processing:
Carrier frequency:
Proprietary in range of 90 kHz
Modulation method:
Proprietary and patent pending processing

Audio:
Impedance:
10k Ohms
Input connectors:
1 RCA style connector analog (per channel)
2 Toslink (Optical)
1 3.5mm analog
Powered woofer output:
1 RCA style
System configuration:
Stereo 2 channel,
Dolby, 5.1 decode
Max input for max output:
2Vms per channel
Frequency response:
300 Hz to 22kHz

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