Spooky Ultrasonic

Flood your entire body with frequencies using

Spooky^2

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Definition

Ultrasounds are sound waves with frequencies higher than the upper audible limit of human hearing. Ultrasound is no different from 'normal' (audible) sound in its physical properties, except in that humans cannot hear it. This limit varies from person to person and is approximately 20 kilohertz (20,000 hertz) in healthy, young adults. Ultrasound devices operate with frequencies from 20 kHz up to several gigahertz.

Ultrasound is used in many different fields. Ultrasonic devices are used to detect objects and measure distances. Ultrasound imaging or sonography is often used in medicine. In the nondestructive testing of products and structures, ultrasound is used to detect invisible flaws. Industrially, ultrasound is used for cleaning, mixing, and to accelerate chemical processes. Animals such as bats and porpoises use ultrasound for locating prey and obstacles. Scientists are also studying ultrasound using graphene diaphragms as a method of communication.

What makes it extra-special

Sound conducts far better in water and solids than it does in air. Since our bodies are 70% water, with the remaining 30% mostly solid, this means that ultrasonic can literally flood the entire body with frequencies.

How to use

Place the metal diaphragm against bare skin. Energy transfer to the body will not be as efficient if the diaphragm is not touching. If you are using Spooky contact mode, you may choose to use the plastic cover. This eliminates any power flowing from the TENs pads to the diaphragm.

Connection

We supply a 6.35mm Ultrasonic Adapter for the connection between the Ultrasonic Speaker and the socket on Spooky Central. These connect together as shown below.

Two Speed Settings

"Slow" divides the plasma's output frequency by 256.

"Fast" divides it by 16.

These two divisors – 256 and 16 – are both Octal and Fibonacci harmonics, and so will always produce more effective frequencies.

Specifications:

Head diameter: 43mm (45mm with cover)
Ultrasonic output: 30VAC (RMS)
Maximum power (RMS): 2W
Optimum frequency range: 10 Hz – 1.08 MHz
Plug type: RCA
Cable length: 1.7 meters

Ultrasonic requires frequency input from a generator, and is safe for those with pacemakers and other electronic implants.