



Binary Acoustic Technology

Digital Acoustic Processing

www.binaryacoustictech.com

DPA20-SP Ultrasonic Generator

Product description:

The DPA20-SP is a digitally controlled ultrasonic power amplifier that is suitable for lab and field research. It is designed to operate one of Binary Acoustic Technologies SP series super tweeters as well as other commercially available 4 to 8 Ohm speaker units.

The DPA20-SP is operated by a Windows based lap-top computer. It connects to a lap-top through a high speed USB 2.0 interface. The bundled GTools_{sm} playback software provides several different means of operating the generator as well as a playback feature used to playback prerecorded files. The software supports the industry standard WAV file format and works with files generated by SPECT'R as well as files recorded by SonoBat or BatSound.

The DPA20-SP is designed to be powered using 115V AC power, which can be generated in the field using a 12V battery along with a suitable power inverter.



Figure 1: DPA20-SP Ultrasonic Generator

Specifications:

Frequency Range : 1KHz to 120 KHz

Maximum Transmit Power : 20 Watts

Dynamic Range : > 70 dB

Interface: USB 2.0 (High-Speed)

Power Requirements : < 30 Watts

Contact information:

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