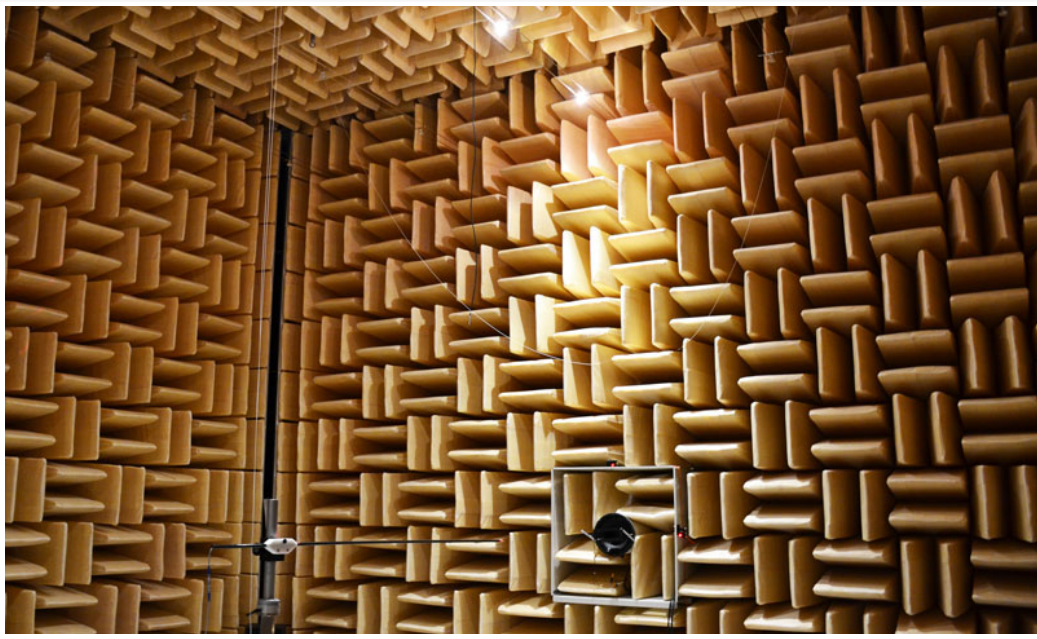


Anechoic & Acoustics

Test equipment for Audio and Acoustics Research



Anechoic Chamber Test Equipment

Test microphones, hearing devices, headphones for pilots - possibilities are endless.

Our acoustics and audio test equipment is available to advance research and development. We provide full turnkey solutions including Head and Torso Simulator with binaural microphones and artificial ears matching closely to human ear in both physical and functional terms. As we continue to build advanced wireless connected technology, time is right to innovate designs of hearing devices, headphones and microphones. Our test equipment is the right choice for rapid prototyping ideal environment.

1

HEAD AND TORSO SIMULATOR

Matching impedance close to human ear

2

HEAD AND SPEAKER

Dummy head with binaural microphones and omni directional speaker

3

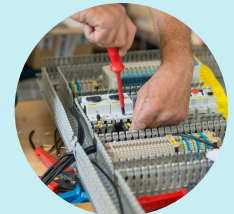
SOFTWARE

Our libraries and API covers more than 75 tests for audio and acoustics research



Consultation

We are trusted to bring inventive solutions to complex technical challenges



System Integration

Our solutions range from hand-held systems to full turnkey solutions.



Support

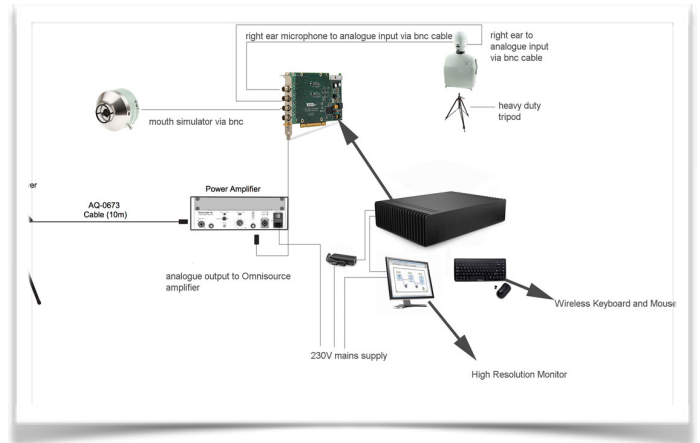
Ioteach staff and Thames Community are available if needed. Please visit our website for more information.

Product data sheet

Deployment as desktop, laptop or industrial control panel installation for all environmental and climatic conditions including acoustics chamber.

- Head and torso simulator compliant with ANSI standard S3.36, S3.25, IEC standard 60318-4 and -7. Acoustic impedance to closely match human ear. Equipment to include: power supply, computer interface, microphone.
- Computer controlled turntable compatible with EASERA, CLIO, MetLab. Minimum requirement is radial load of 300kg with 0.5 degree resolution.
- Class 1 measurement microphones with flat response in the range of 20Hz – 20kHz.
- Dummy head with built in binaural microphones.
- Omni-directional speaker compliant with ISO 10140-2, ISO 140-4, ISO 16283-1, ISO 3382-1 ISO 3382-2, ISO 354.
- Minimum frequency response of 20Hz to 20 KHz.

- Equipment must include audio generator,



amplifier and tripod.

- Calibration equipment compliant with JEC 942 for calibration of 1/1", 1/2", 1/4" condenser microphones.

Order Procedure

Visit our online shop and Build Your Own Solution using our online system configurator. After configuration is complete, click Add to Cart to receive quotation via email. We are available via email and phone so please do not hesitate to contact us should assistance is required with your order. We look forward to working with you.

FURTHER INFORMATION

Website: <https://www.ioteach.co.uk>

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Email us: office@ioteach.co.uk

