

Electronics Engineer | Remote working with occasional requirements to attend a London based office.

Since we released our iconic P40 amplifier in 1968 we have pursued one simple objective: to produce audio equipment that faithfully creates a pure and natural sound. Whilst our contemporaries in America like heavier bass in their playback and often in Asia brands emphasise a mid-range mix to carry vocals, we at Cambridge Audio are sold on the unfiltered, unadulterated 'British Sound'.

We're looking for an outstanding engineer with a passion for Audio to join the R&D team. The work will require electronics hardware design in both the digital and analogue domains. You'll be involved throughout the development cycle and must be able to evaluate new technologies, develop new products and optimise existing projects. We're looking for someone who is logical, has a thorough engineering approach and strong design, test, review and debugging skills.

You will be part of an energetic and creative team designing industry-leading consumeraudio equipment in an exciting company that is committed to grow and evolve.

KEY RESPONSIBILITIES

Your responsibility will be to develop electronics for the state of the art consumer audio products. There will be demanding technical requirements in areas including audio performance, mixed signal PCB layout, EMC, compact packaging and cost reduction. It will be important to integrate effectively with the other members of the team and be able to break projects down into stages with clear deliverables/dependencies and deliver project work to committed timescales.

PERSONAL PROFILE

Experience & Personality:

- 5 + years in a similar role, 10 + years in electronics design
- Flexibility, curiosity, lateral thinking and ability to apply pragmatism
- An interest in audio equipment and music

CAMBRIDGE AUDIO

Gallery Court, Hankey Place
London SE1 4BB
United Kingdom

+44 (0)207 5515 418

Cambridge Audio is a brand
of Audio Partnership plc

Registered in England
No. 2953313

CAMBRIDGEAUDIO.COM



Knowledge and Skills:

- Be able to design an Audio circuit from scratch
- Quick to adapt and adopt new technologies
- Be able to see projects from concept through to mass production
- An understanding of end of line testing and PCBA verification
- Ideally knowledge of Altium
- Strong electronic design skills in several of the following areas: audio circuitry (signal and power stage, class D, DSP), SMPS power supply and power management
- Familiar with relevant digital protocols (I2C, SPI, I2S, UART, SPDIF, MIPI, HDMI, Ethernet)
- Familiar with high-speed PCB design (multi-layer PCBs, controlled trace impedances, power distribution)
- Ability to adapt to/refine new working practices and systems
- Excellent design, debugging and problem-solving abilities
- Familiarity with driving a range of test equipment: oscilloscopes, logic analysers, audio analysers and spectrum analysers
- Understanding of microprocessor (preferably ARM) and basic programming skills
- Experience in designing within the constraints of electrical compliance standards: EMC, ESD, Safety, etc.
- PCB prototyping/rework capabilities from thru-hole to 0402
- Excellent multi-disciplinary team working (mech, SW, QA, acoustic, factories) and communication skills both written and verbal
- Familiarity with analysing/presenting trade-offs between cost, quality and time
- A good ear for quality audio presentation

Salary: Negotiable depending on experience + Benefits Package.

To apply please email your CV to hr@cambridgeaudio.com all applications will be treated in the strictest confidence.

Work is more than work, we are passionate about what we do and have fun doing it.

We're a business full of great people who are encouraged to develop their careers and push their creativity and progression. To find out more about us, visit:

www.cambridgeaudio.com/about-us

CAMBRIDGE AUDIO

Gallery Court, Hankey Place
London SE1 4BB
United Kingdom

+44 (0)207 5515 418

Cambridge Audio is a brand
of Audio Partnership plc

Registered in England
No. 2953313

CAMBRIDGEAUDIO.COM

