



## Job Description

**Title:** Electro-Acoustic Engineer

**Reporting Structure:** Reports to Director of Engineering

**Location:** Chester, Pennsylvania, USA

### **Company Description:**

Founded in 1968, Community Professional Loudspeakers is a global provider of innovative professional loudspeakers found in the world's leading sport venues, auditoria, theme parks, worship facilities and convention centers. Community designs and manufactures high-performance products that provide reliable, long-term service indoors and outdoors in extreme and challenging environments.

### **Summary Description:**

The Electro-Acoustic Engineer (EAE) will work with our dynamic product development team and will work closely with Senior and Principal Engineers on design and technology concepts that are aligned with customer needs and business goals. The EAE will assist in the development and test of new designs from idea through proof of concept, prototype and production. Will also perform detailed modification or iterations of existing designs.

### **Essential Responsibilities:**

- Engage closely in multiple development and test phases through full production.
- Work closely with other design and test engineers to test and characterize designs at every stage.
- Help achieve design concepts that meet or exceed internal specifications and/or customer requirements.
- Actively work with senior engineering and management to deeply understand product and test specifications.
- Model circuit and transducer performance parameters using lumped and/or other discrete element modeling tools.
- Help identify and innovate new or iterative products through collaboration with subject matter experts.



- Help push the extents of acoustic, electromechanical, and magnetic system development with cutting edge ideas and design methodologies.
- Learn and understand manufacturing and QA challenges to assure highly modular and DFM driven products.
- Successfully multi-task between multiple projects.
- Assist Application Engineering with technical support escalations that require deeper subject matter expertise.

**Requirements:**

- Bachelor's Degree in Electrical or Mechanical Engineering, Material Science, Acoustics, or Physics.
- Demonstrated passion for acoustics and audio with track record of independent self-advancement.
- Proof of eligibility to work in the USA.

**Desired Experience:**

- Minimum of 2 years developing electromechanical, electroacoustic, electromagnetic, or electronic circuit products.
- Prior experience with frequency and time domain based lab equipment (EASERA, Kippel, AP, Clio, TEF, etc.).
- Master's Degree in Acoustics.
- Prior experience with acoustic, electromechanical, or electromagnetic components or transducers.
- Prior experience and knowledge of audio or acoustic product development is strongly desired.
- Prior experience with modeling tools like spice, LEAP, and Comsol desired.
- Prior experience with or exposure to electronic circuit design and testing.

E-mail cover letter and resume to [HR@communitypro.com](mailto:HR@communitypro.com) or fax to 610-499-5146.