

Broadcast, Sound, and Video Technicians

SOC: 27-4010 • Career Profile Report

■ Key Facts

\$56,600 Median Salary	146,100 Employment	+1.0% Growth Rate
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■ Requirements & Salary Range

Education: See Requirements (BLS)

■ Automation Risk Assessment

Low Risk - 15.0% probability of being automated in the next 10-20 years.

This job is relatively safe from automation due to its creative, social, or complex problem-solving requirements.

■■ Work-Life Balance

6.3/10 - Good work-life balance

■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	5.0/10	Investigative	5.6/10
Artistic	9.6/10	Social	7.4/10
Enterprising	6.2/10	Conventional	4.4/10

■ Top Skills Required

Communication skills, Computer skills, Manual dexterity, Problem-solving skills

✓ Strengths

- High Demand
- Flexible Work
- Continuous Learning

■ Challenges

- Burnout Risk
- Rapid Technological Change

■ What They Do

Broadcast, Sound, and Video Technicians are technical media professionals who set up, operate, and maintain the **audio, video, and broadcast equipment** used in television, radio, film, live events, and digital media production. Their work ensures that sound is clear, video is properly captured, and broadcasts run smoothly—whether for a live news program, concert, sports event, or recorded production. While they work behind the scenes, their role is essential to the quality and reliability of modern media.

This career is well suited for individuals who enjoy hands-on technical work, problem-solving under pressure, and collaborating with creative teams in fast-paced environments.

What Do Broadcast, Sound, and Video Technicians Do?

These technicians handle the technical execution of audio and video production, from setup through live operation and post-production support. Their responsibilities vary by setting but always focus on technical precision and reliability.

Common responsibilities include:

- Setting up microphones, cameras, lighting, and recording equipment
- Operating soundboards, video switchers, and broadcast consoles
- Monitoring audio and video levels during live or recorded productions
- Troubleshooting technical issues in real time
- Editing or assisting with post-production audio and video
- Maintaining and repairing broadcast and recording equipment
- Coordinating with producers, directors, and performers

Types of Broadcast, Sound, and Video Technicians

This occupation includes several specialized technical roles:

- Broadcast Technicians: Operate equipment for radio and television transmissions.
- Sound Engineering Technicians: Manage audio recording, mixing, and playback.
- Video Technicians: Handle camera operation, video capture, and visual quality.
- Lighting Technicians: Set up and control lighting for productions and events.
- AV Technicians: Support audiovisual systems for conferences, schools, and venues.
- Post-Production Assistants: Support editing and content finishing workflows.

Skills and Abilities Needed

Broadcast, sound, and video technicians combine technical expertise with attention to detail.

Core Technical Skills

Personal Qualities That Matter

Education and Training Pathway

Training requirements vary, but technical skill and experience are critical:

- High School or Postsecondary Education: Coursework in broadcasting, audio production, or media technology
- Technical or Associate Degree Programs: Focused training in audio/video or broadcast technology
- Hands-On Experience: Internships, studio work, or live event support
- On-the-Job Training: Learning specific equipment and workflows
- Ongoing Skill Development: Keeping up with evolving media technologies

Where Do Broadcast, Sound, and Video Technicians Work?

These technicians are employed across traditional and digital media environments:

- Television and Radio Stations

- Film and Video Production Companies
- Live Event Venues and Concert Halls
- Sports Arenas and Broadcast Trucks
- Schools, Universities, and Corporate Facilities
- Streaming Media and Online Content Studios

Work schedules may include evenings, weekends, and irregular hours, especially for live events.

Is This Career Difficult?

This career can be technically demanding and fast-paced. Live productions leave little room for error, requiring quick thinking and precise execution. Physical demands, long hours, and tight deadlines are common, but the work is engaging and highly collaborative.

Who Should Consider This Career?

This occupation may be a strong fit if you:

- Enjoy working with audio, video, and technology
- Prefer hands-on, behind-the-scenes roles
- Can perform well under pressure
- Like collaborating with creative teams
- Want a career connected to media, entertainment, or events

How to Prepare Early

- Take media, technology, or electronics courses
- Learn basic audio and video editing software
- Volunteer for school or community events
- Practice equipment setup and troubleshooting
- Build experience through internships or freelance projects

Broadcast, sound, and video technicians make modern media possible by ensuring every sight and sound reaches audiences clearly, reliably, and on time.

*Generated by StartRight • Data from U.S. Bureau of Labor Statistics & O*NET*

Source: <https://www.bls.gov/ooh/media-and-communication/broadcast-and-sound-engineering-technicians.htm>