

2026 Season

Projection Electrician Job Description

Palm Beach Opera is committed to diversity, equity, and inclusion in all facets of the organization, and is an equal opportunity employer that does not discriminate based on race, color, national origin, religion, ancestry, sex, age, familial status, marital status, sexual orientation, gender identity and expression, disability, military service and veteran status, or genetic information.

Term: (January 19-25, 2026) (February 16-22, 2026) (March 16-22, 2026)

Salary: Position is governed by the collective bargaining agreement between PBO and IATSE local 500

The ***Projection Electrician*** will work closely with the Director of Production (DP), Technical Director (TD), Head Electrician to help implement the lighting design for Palm Beach Opera (PBO) productions. In addition to lighting support, this role will collaborate with PBO's Surtitles Operator (SO) to assist with projector setup and operations during PBO's opera performances. This dual-role position includes responsibilities in both lighting and surtitles projection, specifically the setup, support, and operation of the projector used to display translations above the stage during rehearsals and performances.

Responsibilities:

Lighting:

- Participate in load-in, changeovers, and strike of lighting equipment at the Kravis Center
- Support the integration of practical's, projections, and special effects as needed
- Maintain a clean, organized, and safe work environment both backstage and in lighting workspaces
- Collaborate with stage management and to ensure seamless performance operations
- Assist with other departments depending on production needs.

Projection:

- Install and align surtitles projector, ensuring clean image display on titles screen.
- Connect and configure the computer running surtitles via PowerPoint.
- Load, review, and test surtitles for clarity of image.
- Attend rehearsals to support the Surtitles Operator (SO) during rehearsals and performances.

Qualifications:

- Experience in theatrical lighting (hang, focus, cabling, console operation).
- Understand video signal flow, connectors (HDMI, VGA, SDI, etc.), and routing.
- Working Knowledge of projection systems, including setup, alignment, and operation.
- Ability to troubleshoot projectors and AV equipment under time pressure.
- Strong troubleshooting skills and attention to detail.
- Comfortable working at heights (e.g., lifts, ladders, catwalks).
- Willingness to work a variable schedule during PBO tech and performances.
- Must be a team player with a commitment to collaboration and artistic excellence.

Requirements: Must be able to lift and carry 50 lbs. Stand for long periods of time. Work long (12+ hour) days while in production.

Interested applicants should send a letter of interest and resume to jbruckerhoff@pbopera.org

Reports to: Director of Production

Responsibilities include but are not limited to:

- Responsible for the set up and operation of the projections through tech and performance runs.
- Assist with general projection notes and maintain paperwork throughout the tech and performance process.
- Operation of Isadora projection software

Qualifications:

- Two (2) years or more experience operating projection equipment in a professional setting. A combination of education and professional experience will be considered.
- Solid understanding of Isadora projection software including programming, operation, and troubleshooting.
- Excellent interpersonal, organizational, collaborative, and communication skills.
- Ability to work on ladders, in lifts, and at heights of up to 21+rsquo; on a tension mesh grid.
- Able to lift up to 50 pounds.

Position Requirements:.

- Minimum 2 years of general stagecraft and special events experience
- Experience operating, calibrating, rigging, and powering professional projection equipment
- Knowledge of SDI, HDMI and DVI signal protocols, as well as transmission over Fiber and CAT6
- Ability to read and execute ground plans
- Availability and willingness to work extended hours including nights, weekends and holidays
- Punctuality, professionalism, and a positive collaborative attitude when working with clients and co-workers

Preferred Qualifications:

- Permanent install/integration experience
- Self-motivated with ability to work on several projects simultaneously with minimal supervision
- Ability to stand, kneel and/or crouch for long periods of time
- Ability to climb ladders and scaffolding, operate single column lifts (Genies or scissor lifts), and comfortable working at heights
- Able to lift up to 50 pounds
- Ability to work in variety of environments, including hot, humid, cold and in cramped spaces

video Engineer (Basic Needs)

Assist with install + focus of Supertitles projector.

Assist with install + focus of Scenic projection.

Assist with Conductor Cam and stage view installs.

Run video projections computer during show.

Strike video after final performance.

- The Surtile Operator (SO) is responsible for operating the “Spectitular” computer software system (<https://panthea.com/software/>) that displays English-language surtitles projected above the stage, advancing them in sync with the actor’s performance on stage.
- Spectitular displays parallel French and English text in two columns on the operator's screen. Only the English text is displayed to the audience on a large overhead screen. The actors speak only the French text. The Surtile Operator presses arrow keys on the computer to advance surtitles in time with the actors.
- SO must attend a personalized 60-minute online training session for “Spectitular” prior to October 17th, at a time to be arranged.
- The SO must attend all performance call times and some technical rehearsal times, as designated by the FTP Production Manager.
- The SO must practice using the software along with a full length (90 minutes) video of the show at least 3 times before the live technical rehearsal.
- The SO must maintain a positive and professional environment between performers, the run crew, and patrons.
- The SO reports directly to the FTP Stage Manager and the FTP Production Manager. The SO works closely with the visiting French Lighting Technician.

- Load in, strike, and maintain projection equipment during show runs
- Program and operate projection software
- Troubleshoot projection system issues as they may arise

MINIMUM JOB QUALIFICATIONS:

- BA in Theater or equivalent work experience
- 2-4 years practical theatrical experience

KNOWLEDGE REQUIRED:

- Expert knowledge of Qlab 5
- Knowledge of projection equipment including projectors, lenses, and video signal distribution
- Knowledge of standard and safe rigging practices and applications
- Knowledge of QSC Q-SYS systems is helpful

SKILLS AND ABILITIES REQUIRED:

- Troubleshooting and problem solving skills
- Punctuality, dependability, and ability to work independently
- Strong leadership and teamwork skills

SUPERVISORY RESPONSIBILITIES:

- Ensure a safe working environment in the venue for the students and crew regarding projection operation.

WORK ENVIRONMENT:

- Indoor environments, some with low light: workshop, control booth, stages, backstage areas, office spaces
- Seated and standing positions

SPECIAL WORKING CONDITIONS, PHYSICAL REQUIREMENTS, ETC:

- Nights and weekends required
- Must be able to lift 50 pounds
- Must be comfortable with heights in excess of 24 feet
- Must be able to work in tight, dark spaces

- **A supertitles operator** who can read music, is familiar with the opera, and has enough basic knowledge of PowerPoint to run the slideshow. **You can't give this job to the lighting person!** Ideally, the supertitles operator should also be familiar with the conductor's tempi and with the staging. **Running the supertitles at a dress rehearsal is highly recommended.**
- **2. A computer with Microsoft PowerPoint** (version 2003 or later).
- **3. A projection system.** If your venue doesn't have an existing projection system or a large-screen monitor, you'll need a multimedia projector capable of at least 3,000 lumens – the more lumens, the better, depending on the size of your venue and your budget. You'll also need a projection screen. You can make a perfectly serviceable screen, about 8x3 feet, from foamboard, plywood, or canvas, painted black with a silver reflective glaze. You can buy or even rent projectors and screens from a variety of commercial outfits. (Regina Opera does not rent its equipment.)
- **4.** If you don't have a wireless connection or an existing projection system, you may need a **video cable** long enough to connect the computer to the projector or monitor.