How to Plan LED Screen Rentals Across Los Angeles, Orange County and the Inland Empire

Start With the Event Type and Screen Purpose

The first decision in planning an LED screen rental is understanding what the screen needs to do. A trade show booth in Anaheim demands something different from an outdoor concert in Pomona or a corporate presentation in Irvine. For events across Los Angeles, Orange County and the Inland Empire, the range of venues and conditions means you cannot simply pick a standard size and hope it works.

Think about viewing distance. If your audience will be 50 feet away, a smaller pitch (the space between pixels) is necessary so the image stays sharp. For closer viewing, such as a stage backdrop where the front row is only 10 feet away, you need a fine-pitch screen. For large audiences far from the display, a larger pitch is acceptable and more cost-effective. This trade-off between clarity and budget is central to every rental decision.

Map Out the Venue Constraints and Logistics

Southern California presents a mix of venues. Convention centers in Los Angeles have loading docks and freight elevators. Outdoor parks in Orange County may require generators and weather protection. The Inland Empire includes warehouse spaces, wineries, and fairgrounds that each have unique access points.

Before contacting a rental provider, measure the space where the screen will sit. Note ceiling height, door widths, and any obstacles like pillars or low-hanging lighting. An LED screen is heavy and usually arrives on a truck with a lift gate. If the venue has stairs, narrow corridors, or a grass field that could get muddy, you need to plan for that. Ask the venue manager about floor load limits and whether rigging points exist for hanging screens. Some venues require a certificate of insurance from the rental company, so check that early.

View the location on Google Maps

Choose Between Indoor and Outdoor Screens

LED screens designed for outdoor use are built to handle direct sunlight, rain, and temperature swings. They are brighter and have weather-resistant housings. Indoor screens are lighter and have a finer pixel pitch for closer viewing, but they cannot get wet or sit in direct sun for long. If your event is indoors but near a window or glass wall, sunlight can wash out an indoor screen. In that case, consider an outdoor-rated screen even inside.

For events that span both indoor and outdoor areas, such as a conference with an outdoor reception, you might need two different screens. Mixing them is fine as long as each one matches its environment. Always confirm with the rental company that the screen they propose is rated for the conditions at your specific venue.

Factor in Delivery Time and Travel Distance

Los Angeles, Orange County, and the Inland Empire cover a large geographic area. Traffic and distance affect delivery schedules and setup windows. A screen going from a rental warehouse in downtown LA to a venue in Riverside will take longer to arrive than one staying within the same county. Some rental companies charge extra for mileage or for time spent in traffic. Ask about regional delivery policies and whether the provider has local technicians who can handle your area without long travel times.

If your event is on a Monday morning, you may need the screen delivered on the previous Saturday or Sunday. Weekend delivery often costs more. Similarly, strikes and load-outs after midnight can incur overtime charges. Build these costs into your budget from the start.

Plan for Installation and Power Requirements

LED screens draw significant power. A 10-foot by 20-foot screen can pull 30 to 50 amps depending on the brightness setting and content. Most standard wall outlets provide 15 or 20 amps. You will likely need a dedicated circuit or a generator. The rental company should provide a power plan, but you need to know what power is available at the venue. Walk the space with your venue contact and identify the nearest breakers and outlets. For outdoor events, generators are common. Make sure the generator is placed away from where people walk and has enough fuel for the full event duration.

Installation time varies. A small screen on a tripod stand can be set up in under an hour. A large modular wall that requires stacking panels may take half a day. Ask the rental company for an estimated setup time and schedule your event timeline around it. Also plan for a rehearsal or content test at least a few hours before the doors open. Nothing ruins an event like a screen that shows a test pattern while the keynote speaker is on stage.

Consider Content Format and Signal Routing

An LED screen is only as good as the content fed into it. Decide in advance what will play: a live camera feed, a presentation, video loops, or social media walls. Each source requires different signal routing. Most rental companies provide a media server or laptop that can handle multiple inputs. Confirm that your content matches the screen's resolution and aspect ratio.

Running a 4:3 presentation on a 16:9 screen with a 2mm pixel pitch will leave black bars or require scaling that can soften the image.

Test your content before the event. Play it on a monitor that matches the screen's resolution as closely as possible. Check for fonts that are too small, low-contrast graphics, and video that stutters. If you are using live feeds, test the camera positions and the cable runs. Wireless systems can introduce latency, so wired connections are preferred for time-sensitive content.

Budget for Backup and Redundancy

Electronics fail. A single panel in a modular screen can go dark, showing a black square in the middle of your video. Reputable rental companies carry spare panels and processors. Ask about their redundancy policy before you sign the contract. Some companies bring an entire backup screen for large events. Others keep spare panels on site. At a minimum, they should have a technician on standby who can swap a faulty panel quickly.

Also consider a backup content source. If your laptop crashes, you want a second device ready to play the same video. A simple USB drive with the content loaded on it can be a lifesaver. The rental company's media server often has a local copy, but confirm that before the event.

Coordinate With Other Vendors

Your LED screen rental does not exist in isolation. It interacts with the sound system, lighting rig, staging, and video crew. Share the screen's dimensions and placement with the lighting designer so they do not shine bright lights directly at the screen, which washes out the image. The sound team needs to know if the screen has built-in speakers or if you will use the venue's PA. The stage builder needs to know the screen's weight and footprint so they can reinforce the stage floor if needed.

Hold a brief coordination call a week before the event. Include the rental company, the venue, and any other vendors. Walk through the schedule, power plan, and signal flow. It is far easier to solve problems on a call than on the day of the event when the audience is arriving.

Review the Contract and Insurance Requirements

Read the rental agreement carefully. Look for clauses about damage liability, cancellation policies, and overtime fees. Some companies require a deposit, often 50% of the total, with the balance due before delivery. Insurance is common: the venue may ask for a certificate of liability insurance naming them as additionally insured. The rental company can usually provide this, but confirm it early. If you are the event organizer, you may need your own event insurance that covers the rented equipment.

One local option is Dizplay Inc. Their team can provide guidance on screen selection, delivery logistics, and technical support for events across the region. It is worth confirming the specific terms and availability with whichever company you choose, as needs vary by event.

Final Checks Before the Event

A day before the event, confirm the delivery window and the contact person at the venue. Charge all wireless devices and pack backup cables. Have printed copies of your content on a USB drive in case the laptop fails. Arrive early enough to walk the space with the installation crew and test the signal path from your source to the screen. Run a full loop of your content at least once while the crew is still there. If something looks off, they can adjust the screen settings or swap cables while you still have time.

For more information or to discuss a specific rental, you can reach Dizplay Inc. at 12400 Ventura Blvd, #611, Studio City, CA 91604, or call 888-827-8774.