

# Suntronics LED, Inc.

## Configuring Extended Display on Mac for LED Video Walls

### Step 1: Open Display Settings

1. Click the Apple icon (■) in the top-left corner.
2. Choose **System Preferences** → **Displays**.
3. On macOS Ventura or newer: go to **System Settings** → **Displays**.

### Step 2: Identify Displays

- Click **Gather Windows** (if available) to bring all display settings to your main screen.
- You should see your **Mac screen** and your **LED wall (via VX processor)** listed.

### Step 3: Turn Off Mirroring

- In the Displays window, look for the option “**Mirror Displays**”.
- **Uncheck it**.
- This sets your Mac to **Extended Display mode** (two separate desktops).

### Step 4: Arrange Displays

- Go to the **Arrangement** tab (or “Arrange” under Displays).
- You'll see blue boxes representing your Mac screen and LED wall.
- **Drag** them to match your real-world setup (for example, LED wall on the right).

### Step 5: Select Correct Resolution

- Hold the **Option** key and click **Scaled** under your LED wall display.
- Choose the **native resolution of your LED wall** (e.g., 1920×1080, 2000×1200, etc.).
- This ensures sharp graphics and correct aspect ratio.

### Step 6: Disable Spaces

- Open **Mission Control** settings.
- Uncheck “**Displays have separate Spaces**”.
- Restart your Mac.
- This removes the toolbar from the LED wall and ensures full-screen scoreboard operation.

### Step 7: Test Output

- Your LED wall should now show a clean extended desktop.
- Drag ProPresenter / Renewed Vision Scoreboard to the LED wall screen.
- Keep your Mac desktop free for operator control.

### Pro Tip from Suntronics Engineers

- Set the LED wall background to **black** (not a desktop image).
- Disable screensaver & energy saver sleep modes.
- This prevents distractions or unexpected shutdowns during games/events.