



# AWARDS

## Home Cinema

### Essay Questions:

1. What were the performance objectives for this design?
2. Share all technical details and calculations made for this cinema's system power management.
3. Describe acoustical considerations.
4. Explain the speaker and sub placement in this installation.
5. Discuss installation considerations and provide any calculations made for HVAC for this cinema.
6. Explain why any compromises were made from CEDIA and/or other industry standards.
7. Share any additional customer requirements or technical challenges.

### Project Cost:

*Project costs should be limited to items that are specific to the built out, design and installation of the Home Cinema. Any additional cost that are not specific to your project, for example the cost of building an addition to the home, should not be included.*

1. What was the invoiced price to the customer of all equipment for this installation by your company?
2. What was the invoiced price to the customer of all labor provided by your company for this installation?
3. What was the invoiced price to the customer billed by other companies for this installation? (Please contact contractors that worked on this project to get an accurate amount).
4. Total line 1-3 (Total Project Value)

### Documentation:

(All documents should be as-built)

1. Cinema Floor Plans, which should:
  - a. Be scaled and dimensioned
  - b. Have a drawing legend (symbol key)
  - c. Include the following:
    - i. Speaker Locations and Angles
    - ii. Video Projector and Screen Positions and Viewing Angles
    - iii. Seating Placement
    - iv. Acoustical Materials
2. Reflected Ceiling Plan, which should:
  - a. Be scaled and dimensioned
  - b. Have a drawing legend (symbol key)
  - c. Include the following:
    - i. Speaker Locations and Angles
    - ii. Video Projector and Screen Positions and Viewing Angles
    - iii. Seating Placement
    - iv. Acoustical Materials
3. Elevation Drawings, which should:
  - a. Be scaled and dimensioned
  - b. Have a drawing legend (symbol key)
  - c. Include the following:
    - i. Front, Rear, Left, and Right Views

- ii. Speaker Locations and Angles
  - iii. Projector/Video Position and Viewing Angles
  - iv. Seating Placement
  - v. Audio and Visual Site Lines
  - vi. Acoustical Materials
4. Wiring Schedules
5. Wiring Diagrams
  - a. Block Diagram \*Optional\*
  - b. Schematics (Point to Point)
6. Networking Schematics
  - a. All Wired and Wireless Devices
  - b. Predicted Wireless Coverage Map \*Optional\*
7. Equipment Rack/Cabinet Elevation with Heat and Rack Power Requirements
8. SPL Design Calculations
9. Audio Calibration Reports, to include:
  - a. SPL Verification Measurement
  - b. RT60 measurements
10. Video Calibration Report, to include:
  - a. Measured screen brightness
  - b. Contrast ratio
  - c. Grayscale
  - d. Color Gamut
11. Bill of Materials
12. Additional Project Documents

#### Photos:

*All company information must be removed from media submitted, including logos, company name, address, etc.*

1. Proscenium Shot (taken from back of room looking at screen)
2. Reversal Shot (taken from front of room looking at seating)
3. Two (2, front and back) Rack Photos demonstrating the following:
  - a. Upgradeability
  - b. Serviceability
  - c. Thermal management
  - d. Wire bend radius
  - e. Signal and power wire separation
  - f. Wire labeling
4. Additional Project Photos

#### Videos:

(Not required, but recommended. Automated features are encouraged for video submission.)

1. Two (2) project videos - without company logos or voiceover

#### User Interface:

(Include all unique user interfaces. If video is not possible, please provide a manual/image.)

1. User Interface Demonstration - training video
2. User Interface Manual/Image

#### Consent:

1. Photography Release Form
2. Homeowner, Estate of Property Manager Release Form (primary point of contact for the project)