



2015 CEDIA Awards - Home Technology Professional

05/14/2015

ENTRY FORM

Client/Homeowner Information (not available to the Judges, CEDIA EXPO attendees, press or the general public). Homeowners may be contacted by CEDIA Staff to verify the entry submission.

Client/Homeowner First Name: Fernando

Client/Homeowner Last Name: Cibrian

City of this Job: Puebla

State/Province of this Job: Puebla

Country: Mexico

Entry

Entry ID: 397012 - RESIDENCIAL LA VISTA

Entry Title (This title is for your records only): RESIDENCIAL LA VISTA

Category: Integrated Home

How would you like your company name to appear on any trophy or marketing material?

AV Prestige

Project name for marketing material

Residencial La Vista

Any project completed before May 1, 2014 will be disqualified.

Date design began* 08/06/12

Date installation was completed* 07/25/14

Was this job completed as part of a new home construction or retrofit home?

- New Home
 Retrofit Home

Industry Partners

**Architects, Builders, Interior Designers, and
Specialty Consultants**

Architect(s)

Company Name Cibrian Arquitectos

Contact Name Nain Moctezuma

Phone Number 01 222 431 3055

Email address

Mailing Address

Is this industry partner a CEDIA member?

- No
 Unknown
 Yes
-

Builder(s)

Company Name Cibrian Arquitectos

Contact Name Nain Moctezuma

Phone Number 012224323055

Email Address

Mailing Address

Is this industry partner a CEDIA member?

- No
 Unknown
 Yes
-

Interior Designer(s)

Company Name Cibrian Arquitectos

Contact Name Nain Moctezuma

Phone Number 012224323055

Email address

Mailing Address

Is this industry partner a CEDIA member?

- No
 Unknown
 Yes
-

Specialty Consultant(s)

Company Name

Contact Name

Phone Number

Email address

Mailing Address

Is this industry partner a CEDIA member?

- No
 Unknown
 Yes

Essay Questions

Essay Questions

Describe the objectives for this installation, what were the client's expectations of this project? (3000 characters)

The client is an eccentric architect that appreciates every detail. He is a mature man that lives with his couple. He likes to party with friends and he transmitted to us the wish to have a place to share and delight his guests. Additionally to this he enjoys to take advantage of the automation in every place of his house.

Describe the overall scope of the system. (3000 characters)

We provided a solution for the five plants house. We've integrated an automation solution with Crestron, bringing the possibility of controlling the whole from an iPad or iPhone interface. We controlled the next systems in rooms like the bedrooms, the tv room, the kitchen, the gym, the game room and the cinema:

1. Lighting: Dimmable circuits and switchable circuits for scenes integration, bringing the chance of setting lighting scenes according the video content or mood of the user.

2. Audio System: With specially selected speakers for every needs were used brands like kef, community, and proaudio. The loudspeakers will sound great in relax or party ambient. Also the client will be capable to control volume, and equalization modes from the iPad interface. The client also will have the possibility of listening the video content in the screens across the ceilings loudspeakers. We complemented the audio system with 2 Sonos devices as audio sources, so they will select their favorite playlists and songs from online services as Spotify, Deezer, TuneIn, and so on.

3. Video System: In Every screen of the house the sources of the video could be selected between the CCTV cameras, four satellite TV systems and two apple tv's. Also in the Master room and in the Cinema a local blueray is another video input option. He will also count with full control of each source from the iPad interface, including TV's volume, turn off/on.

4. Shades System

A third party company put a set of electrical shades in the bedrooms, the bar, the kitchen and in the dining room. So we integrated it to the automation system across a RS-232 protocol interface, making possible to control it from the iPad interface.

5. Scenes

A very important part of the automation system was the scene integration, bringing the chance of programming automatic lift up and down of the shades at the sunset and sunrise. Also making "modes" putting the audio to selected speakers, turning on the lighting and selecting specific source of video for the screens depending on the mood of the client and the situation. Also we have the "party mode", turning on all the lights, selecting the Sonos with the party stations and turning on TV screens but with no source volume. We complemented the experience with keyboards to access some functions without the iPad and a last button that can turn down the whole system from a single button in all places.

What decisions did you make to compensate for the rooms layout, interior design, or other challenges, in the requirements of this job? (3000 characters)

We must adjust speakers distribution parameters to the clients personal design without losing audio quality. Also we changed initial equipment distribution in order to save cable... because of the size of the house, 1 single rack would taken a lot of cable... so we economized the whole design by locating 3 racks and 3 electric boxes along the house.

Please discuss the specific audio and video calibrations performed and their results. What calibration was done? What equipment was used to calibrate? What standards were you aiming to achieve?

(3000 characters)

Calibration to video: THX and the equipments; (Spectro Radiometer Specbos 1211) and Quantum data (780 Handheld test instrument for HDMI)

Discuss your accomplishments integrating and automating this project. (3000 characters)

To fill both technical and architectural design parameters.

To make a full controled home with a large number of rooms and audio zones, by iPad and iPhone interface

Please discuss any deviations you had to make from CEDIA standards in design due to client or construction restrictions. (3000 characters)

We did not have restrictions and comply with the CEDIA standards

Was HVAC integrated in this project?

- No
- Yes

Was Lighting integrated in this project?

- No
- Yes

How many zones were integrated for Lighting?

- 1-2 Zones
- 3-5 Zones
- 6-9 Zones
- More than 10 Zones

Was Distributed Audio integrated in this project?

- No
- Yes

How many zones were integrated for Distributed Audio?

- 1-2 Zones
- 3-5 Zones
- 6-9 Zones
- More than 10 Zones

Was Distributed Video integrated in this project?

- No
- Yes

How many zones were integrated for Distributed Video?

- 1-2 Zones
- 3-5 Zones
- 6-9 Zones
- More than 10 Zones

Was Security/CCTV integrated in this project?

- No
- Yes

How many zones were integrated for Security/CCTV?

- 1-2 Zones
- 3-5 Zones
- 6-9 Zones
- More than 10 Zones

Was Lawn and Garden integrated in this project?

- No
- Yes

Was Shading integrated in this project?

- No
- Yes

How many zones were integrated for Shading?

- 1-2 Zones
- 3-5 Zones
- 6-9 Zones
- More than 10 Zones

Was Networking integrated in this project?

- No
- Yes

How many zones were integrated for Networking?

- 1-2 Zones
- 3-5 Zones
- 6-9 Zones
- More than 10 Zones

Was Pool and Spa integrated in this project?

- No
- Yes

How many zones were integrated for Pool and Spa?

- 1-2 Zones
- 3-5 Zones
- 6-9 Zones
- More than 10 Zones

Was Access Control integrated in this project?

- No
- Yes

Was any other subsystem integrated in this project?

- No
- Yes

What subsystem was integrated?

Home Theater

How many zones were integrated?

1

Not Active

Project Cost

Project Cost

A. Interior design and architecture labor provided by your company* 13775

B. Invoiced installation, programming, and system design labor* 36552.55

C. Invoiced value of the system including cables, pre-wire materials, equipment, etc.* 204096.51

D. Interior design and architecture labor provided by other companies as it relates to the electronic systems in the home (contact contractors for an accurate amount)*

0

E. Total lines A-D* 254424.06

Time and Expertise

Time and Expertise

A. Client Interviews* 7

B. Proposal Preparation* 4

C. Electronic and System Design* 6

D. Project Management 230

E. Pre-wire/Rough-in* 120

F. Trim-out* 45

G. Shop Time for Racking and Testing* 15

H. Programming* 30

I. Final Installation and Calibration* 80

J. Client Instruction* 5

K. Interior Design and/or Architecture by your company* 5

L. Other Time* 1152

Describe Task: Builders

Total of Lines A through L 1699

M. Interior Design and/or Architecture by Others* 120

N. Project Management by Others* 85

Total of Lines M and N* 205

Total of Lines A through N* 1904

Hourly Rate 50 Dls

Documentation

Essential Documentation

Please use the below upload tools to submit your project documentation. To view an example of the essential documentation, please click the links below.

*Documentation provided by [Symbol Logic](#) and [Home Acoustics Alliance](#).

Floor Plan Layout (Device Location Drawings)

File Upload	6.SembradoCibrian.pdf
	4.06 MB

	.SembradoCibrian.pdf
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[Sample Floor Plan Layout](#)

Full System Block Diagram

File Upload	1.DiagramasCibrian.pdf
	14.24 MB
	.DiagramasCibrian.pdf

[Sample Full System Block Diagram](#)

Prewire Schedules

File Upload	Prewire-Schedule_RESIDENCIAL LA VISTA.pdf
	0.52 MB
	.pdf

[Sample Prewire Schedules](#)

Schematic Diagrams (Point-to-Point Wiring Diagram, including network layout drawings)

File Upload	2.PlanosDucteriasCibrian.pdf
	1.51 MB
	.PlanosDucteriasCibrian.pdf

[Sample Schematic Diagrams](#)

Equipment Rack Drawings

File Upload	3.AlzadoRackCibrian.pdf
	2.19 MB
	.AlzadoRackCibrian.pdf

[Sample Equipment Rack Drawings](#)

As-Built Drawings

File Upload	4.PlanosCineCibrian.pdf
	2.09 MB
	.PlanosCineCibrian.pdf

Room diagrams (plan & elevation) clearly showing speaker/sub position/toe-in, listening positions, and acoustical treatment layout

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File Upload	5.Estudio Isoptica cine.pdf
	0.28 MB
	.Estudio Isoptica cine.pdf

Video Post Calibration Reports, as appropriate

File Upload	Video Report.pdf
	3.35 MB
	.pdf

Audio Post Calibration Reports, as appropriate

The below audio calibration reports are recommended for 2015, and will be required for 2016.

- **FFT plot based on spatially averaged full range measurements of each speaker overlaid. The sound level of each should be based upon the calibrated level without readjusting the gain. All subs measured simultaneously not individually**
- **FFT plot on spatially averaged full range measurements with all subs & LCR on only - all active simultaneously to check LCR and subs intergration**

Audio Post Calibration Reports

File Upload	Analysis Report.pdf
	0.68 MB
	.pdf

[Sample Audio Post Calibration Reports](#)

Equipment List

File Upload	Residencial la vista.xlsx
	0.02 MB
	.xlsx

Photo/Video Uploads

Photo Uploads

Lifestyle Photo of Your Choice

	_CSC8205.JPG
	5.45 MB
	.JPG

Lifestyle Photo of Your Choice

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Lifestyle Photo of Your Choice



Lifestyle Photo of Your Choice



Back Equipment Shot (best effort, side view if back is not possible)



Additional Photo



Additional Photo

Additional Photo

Additional Photo

Additional Photo

Video Uploads

Project Video 1

Project Video 2

User Interface Demonstration (done in room)

Please Note:

A User Interface Demonstration Video (done in room) is preferred. If you are unable to provide this video, please upload a user interface shot (one image containing four various screens of the user interface) below.

User Interface Shot

Consent

Project Consent Forms

[Click here](#) to download the Homeowner's Release Form. Once you have this completed, please use the Upload Tool below to submit the form.

Homeowner, Estate or Property Manager (primary point of contact for the project) may be contacted by CEDIA Staff to verify the entry submission.

Homeowner, Estate or Property Manager Release Form

File Upload	Consent Cibrian.pdf
	0.31 MB
	.pdf

Photography Release Form

File Upload	Consent Photo Cibrian.pdf
	0.3 MB
	.pdf

Submit Entry

Submit Entry

Submit Entry Yes