

CARVER RESIDENCE

CUSTOM SMART HOME



In May of 2018 the Carver family purchased a 2200 square foot townhome in Long Beach California. The father found Digital Installers when driving past their showroom on his way to work. After an in-home consultation the Carver family was impressed with Digital Installers' creative design. The scope of the project included custom TV installations, whole house audio, outdoor audio, lighting control, smart thermostats, surveillance cameras, whole house WiFi, and an automation system.

PROJECT ELEMENTS

Motorized Art Screen



A motorized art screen transformed a flat panel display into a work of art. When the flat panel display is not in use, the digital art-on-canvas image is displayed. When the customer turns on the TV the artwork is retracted revealing a 65" TV and custom length soundbar. To enhance the TV's sound, two rear speakers were installed in-ceiling for surround sound. The in-ceiling speakers can also play music independently. The TV and speakers are part of the automation system meaning they can be controlled via a handheld remote, wall switch, mobile app, or by voice. Preset scenes such as "Theater" and "Goodnight" make control easy.

Motorized Flip Down TV



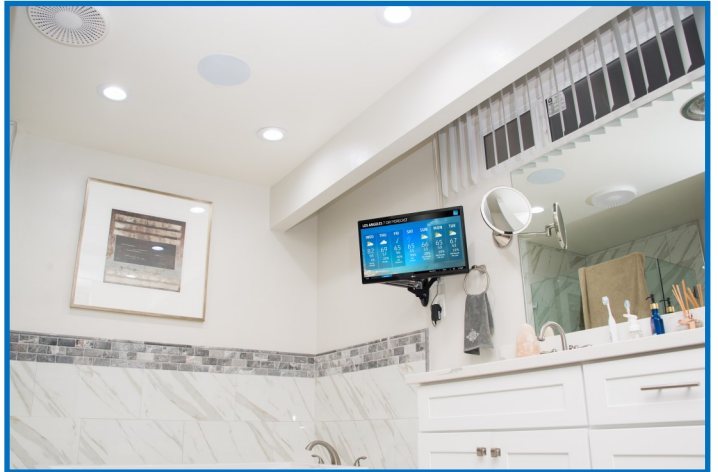
In the master bedroom a hinged flip down TV lift was installed. In just a few seconds a 65" TV and custom length soundbar descends from the ceiling, providing an impressive viewing experience. To enhance the TV's sound, two rear speakers were installed in-ceiling for surround sound. The in-ceiling speakers can also play music independently. The TV is part of the automation system meaning it can be controlled via a handheld remote, wall switch, mobile app, or by voice.

Whole House Audio



16 in-ceiling speakers were installed throughout the house comprising 8 separate zones of audio. The speakers blend in seamlessly with the home's decor. The family can play the same music in every room or different music in each. All sound is controllable via the home's automation system by use of handheld remotes, wall switches, mobile app, or with voice.

Lighting & Scene Control



For ultimate convenience a variety of wall switches, keypads, and dimmers were installed to control 20 separate lighting loads. In addition to lighting, wall keypads also control fireplaces, thermostats, speakers, TVs, and alarm system. With one touch the customer can trigger a number of preset scenes such as:

"Goodnight Scene"

- 1) All lights off
- 2) All TVs off
- 3) All speakers off
- 4) Lock exterior doors
- 5) Alarm in stay mode

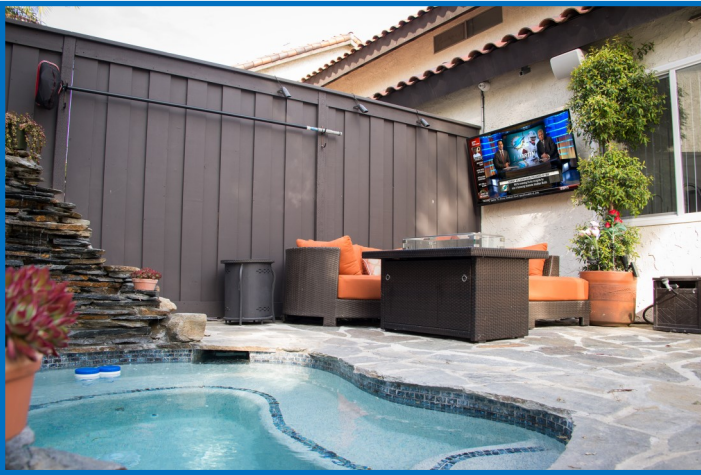
"Sunset Scene"

- 1) Outdoor lights on
- 2) Living room lights on
- 3) Kitchen lights on
- 4) Smooth jazz on in kitchen

"Good Morning Scene"

- 1) Outdoor lights off
- 2) Weather channel bathroom TV
- 3) Coffee maker on

Outdoor Entertainment



While soaking in the spa or relaxing on the deck, the Carver family will enjoy listening to music coming from two wall mounted patio speakers. The addition of a 65" outdoor rated TV on an articulating mount allows for watching their favorite shows at the perfect angle.

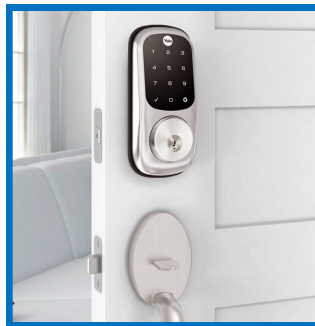
Security

Above peace of mind the Carver's wanted the conveniences that come with the latest security systems. Being more efficient meant a great deal to them. The following features help the Carver's save time and energy:



Video Doorbell

Allows communication with front porch, realtime motion alerts, Cloud storage, and access to community posts.



Smart Locks

Remotely lock and unlock doors from anywhere. Assign pin codes to friends and family.



Cameras

Hard wired high resolution cameras with night vision. Onsite storage with remote viewing capability. Realtime alerts when a preset line is crossed on the property.



Alarm

Never again will the Carvers need to prepare their house when coming or going. Upon arming and disarming the system their door locks, lights, thermostat, TVs, and sound will respond accordingly.



Network & Automation



The Closet

One of the Carver's linen closets was converted to a network closet. A fan with thermostat controller was cut into the closet door allowing for adequate ventilation/cooling. This extends the life of the equipment.

The Equipment

The 26u rack pulls out and swivels for service. Inside the rack is a power conditioner, network switch, router, remote management system, amplifier, receivers, automation controller, camera recorder, cable boxes, audio matrix, video matrix, and a rack mounted cooling fan.

Centralized Distribution

Wiring from all TVs, speakers, wifi access points, and cameras comes back to one location. All major components are organized in one location allowing for a cleaner look throughout the house. The Carver's can access any audio or video source in any room using a remote controller or with the mobile app.