



HOME
TECHNOLOGY
CENTER
a Schamber Company

Our Founders

INTRODUCTION

I would like to thank you for the opportunity to work with you and your family. As a company we know you have choices and we are grateful that you have chosen HTC as your Low Voltage Integration Contractor. We look forward to helping you find innovative solutions that will enhance your lifestyle and add to the satisfaction of your new home experience.

We take great care in cultivating our options offerings for homebuyers and we are confident that you will find exactly what you are looking for in HTC's product line. It is our goal to assist you in making those exciting decisions that give you an instant benefit at move-in, but also provide the future proofing your investment requires, so that your home will continue to live up to your expectations as technologies continue to evolve.

NEXT STEPS

We will be contacting you shortly to set up a meeting to help you answer any questions you may have, and to walk you through the decision making process. It is our goal to become a partner and resource from the very first steps.

Meanwhile, please take a look at this options catalog to see which low voltage solutions you think will add to the enjoyment of your new home. In addition to the catalog, we have also provided a simple checklist so that you can easily organize your points of interest, potential concerns and or questions you may have.

The checklist is a great place to start to generate questions, open up a dialogue for ideas and for us to begin our collaboration process of providing you with the best experience—tailor made to fit your lifestyle.

Erik Randolph



Tanner Schamber

Erik Randolph

WIRING OPTIONS

Simple pre-wire options and packages are the way to go when you are looking to future proof your home. Simple to install now and almost impossible to implement after completion of construction.

Let our Integration specialist go over future technologies and services your neighborhood provides so that you can take advantage of them as soon as you move in.



Single Category 6 wall jack

- One Category 6 wire
- One Category 6 decora wall plate
- One Category 6 keystone insert
- One RJ45 termination in the distribution panel

» *Distribution limited. May require additional equipment*

Single RG6 Quad Shielded Coax wall Jack

- One RG6 Quad Shielded Coax Cable
- One RF decora wall plate
- One Coax keystone insert
- One RF termination in distribution panel

» *Distribution limited. May require additional equipment*

Combo Category 6 & RG6 Quad Shielded Coax wall jack

- One Category 6 wire
- One RG6 Quad Shielded Coax Cable
- One Category 6 decora wall plate
- One Category 6 keystone insert
- One Coax keystone insert
- One RJ45 termination in the distribution panel
- One RF termination in distribution panel

» *Distribution limited. May require additional equipment*

Double Category 6 & RG6 Quad Shielded Coax wall jack

- Two Category 6 wires
- One RG6 Quad Shielded Coax Cable
- One Category 6 decora wall plate
- Two Category 6 keystone insertS
- One Coax keystone insert
- Two RJ45 terminations in the distribution panel
- One RF termination in distribution panel

» *Distribution limited. May require additional equipment*

Quad Category 6 & RG6 Quad Shielded Coax wall jack

- Two Category 6 wires
- Two RG6 Quad Shielded Coax Cables
- One Category 6 decora wall plate
- Two Category 6 keystone inserts
- Two Coax keystone inserts
- Two RJ45 terminations in the distribution panel
- Two RF terminations in distribution panel

» *Distribution limited. May require additional equipment*

AUDIO & VIDEO OPTIONS



Single (one) Stereo Audio Pre-wire

- One Category 6 wire to single gang control location
- One 16-gauge 4-conductor audio wire to single gang control location
- One 16-gauge 4-conductor audio wire to two pre-designed ceiling speaker locations

» Wire is left behind drywall and noted on floor plans for locating
» Control location is at 54" from bottom of plate
» Nothing is to be terminated at head end or volume location

Single (one) Stereo Audio Pre-wire & Speaker install

- One Category 6 wire to single gang control location
- One 16-gauge 4-conductor audio wire to single gang control location
- One 16-gauge 4-conductor audio wire to two ceiling speaker locations
- Two new construction brackets
- Two 6.5" Thin Bezel 75w round in-ceiling speakers w. back box
- One 100w sliding volume control

» Control location is at 54" from bottom of plate
» Nothing is to be terminated at head end

Three-location Stereo Audio Pre-wire & Speaker install

- Three Category 6 wires to single gang control location
- Three 16-gauge 4-conductor audio wires to single gang control locations
- Three 16-gauge 4 conductor audio wires to two ceiling speaker locations
- Six new construction brackets
- Six 6.5" Thin Bezel 75w round in ceiling speakers w. back boxes
- Three 100w sliding volume controls

» Control location is at 54" from bottom of plate
» Nothing is to be terminated at head end

Single (one) Stereo Audio Pre-wire & Patio Speaker Pre-wire

- One Category 6 wire to single gang control location
- One 16-gauge 4-conductor audio wires to single gang control location
- One 16-gauge 4-conductor audio wires to two pre-designed ceiling speaker locations
- Two all-weather 5 1/4" outdoor patio speakers
- One 100w sliding volume control

» Control location is at 54" from bottom of plate
» Nothing is to be terminated at head end



5.1 Home Theater Surround Sound Pre-wire

- Five 14-gauge 2-conductor audio wires to five pre-measured ceiling speaker locations
- One 18-gauge-4 conductor shielded audio wire to subwoofer location
- Single gang audio back box and blank cover plate
 - » Wire is left behind drywall and floor plans will be provided for locating
 - » Control location is at Living/Family room head end
 - » Nothing is to be terminated at either end
 - » Subwoofer location is to be placed within 2' of power outlet

5.1 Home Theater Surround Sound Pre-wire, 5 ceiling speakers and 1 Subwoofer

- Five 14-gauge 2-conductor audio wires to five pre-measured ceiling speaker locations
- One 16-gauge 4-conductor shielded audio wire to subwoofer location
- Five new construction brackets
- Five 6.5" in-ceiling surrounds
- One 8" powered & ported subwoofer
 - » Does not include head end electronics
 - » Control location is at Family/Great room head end
 - » Only subwoofer wire is to be terminated at either end
 - » Subwoofer location is to be placed within 2' of power outlet

Add 5.1 Home Theater Surround Sound Pre-wire, 5 ceiling speakers and 1 Subwoofer

- Five 14-gauge 2-conductor audio wires to five pre-measured ceiling speaker locations
- One 16-gauge 4-conductor shielded audio wire to subwoofer location
- Three 6.5" in-ceiling LCR speakers with back boxes
- Two 6.5" in-ceiling surrounds with back boxes
- One 10" ported subwoofer
 - » Does not include head end electronics
 - » Control location is at Family/Great room head end
 - » Only subwoofer wire is to be terminated at either end
 - » Subwoofer location is to be placed within 2' of power outlet



5.1 SONOS Home Theater Surround Sound System

- One SONOS Playbar With wall mount bracket and installation
 - One SONOS SUB subwoofer
 - Two SONOS Play 1 Rear speakers
 - One Category 6 wire and termination plates for connection to network in distribution center
- » Does not include head end electronics
- » Does not include connection to television
- » Electrician to run power to Playbar
- » Subwoofer location is to be placed within 2' of power outlet
- » Equipment will be delivered after home owner takes possession of home

Single (one) Flat Panel Television Pre-wire

- One double gang back box and decora faceplate
 - One 1 ¼" flex conduit from existing in room television jack location to flat panel location
 - One nylon pull wire
- » Electrician to run power and provide outlet to TV box location
- » Requires option AVI3000, AVI3003 or AVI3004
- » Does not include mounting of customer television
- » Electrician to add power



Single (one) flush Flat Panel Television Pre-wire and TV mount

- One Flat panel tilt mount
 - One recessed double gang TV box with angled opening
 - One 1 ¼" flex conduit from existing in room television jack location to flat panel location
 - One nylon pull wire
- » Electrician to run power and provide outlet to TV box location
- » Requires option AVI3000, AVI3003 or AVI3004
- » Does not include mounting of customer television
- » Electrician to add power



Control all your music and rooms with your Android™ device, iPhone®, iPod touch®, and iPad™

Free Sonos Controller apps for Android, iPhone and iPad let you control your SONOS players, music on the Internet and your computer right from the palm of your hand. Download the apps for free on the iTunes App Store or Google Play™.

Integrated, multi-room control

If you have multiple music players, you can control what's playing in any room from anywhere in your house. SONOS Controllers aren't tied to a specific player, so you can use any Controller to control the music and the volume in all your rooms.

Find and play your favorite songs in an instant

Search for songs and stations, choose the music, and control the volume from anywhere in your home.

Wireless connectivity

Android devices, iPhone, iPod touch, and iPad connect to your SONOS system through your home WiFi

SECURITY & CAMERA OPTIONS

Essential Security Package

- One DSC security control w. 8 zones expandable
- Two DSC LCD security keypads located at garage entry and master bedroom
- One pet immune (up to 60lbs) motion sensor
- One RJ45 termination in the distribution panel for communication
- One 2-conductor in distribution panel for power

» *Wired flush mount contacts on doors and windows on first floor only*
» *Single hung windows will be surface mount contacts only*

Deluxe Security System (Essential Security Package + 8 zones, keypad and Motion)

» *Includes wiring to entry location*

Pet-Immune (up to 60bs) Motion Sensor

» *Includes wiring to location*

DSC GSM Communicator

» *GSM; Global System for mobile Communication*
» *No Phone line necessary*



Home Watch Camera Package

- One 4 Channel 1TB NVR
- Two 1.3MP HD Dome Cameras
- Two Category 6 wires
- Two deep back wall boxes
- Four RJ45 terminations in the distribution panel

Single (one) Camera

- One 1.3MP HD Dome Cameras
 - One Category 6 wire
 - One deep back wall box
 - One RJ45 terminations in the distribution panel
- » *Will require power over Ethernet to power camera*

Four Category 6 Outdoor IP CCTV locations

- Four Category 6 wires
 - Four Category 6 waterproof wall plates
 - Four deep back wall boxes
 - Four RJ45 terminations in the distribution panel
- » *No cameras or equipment included*
» *Will require power over Ethernet to power camera*

Eight Category 6 Outdoor IP CCTV locations

- Eight Category 6 wires
 - Eight Category 6 waterproof wall plates
 - Eight deep back wall boxes
 - Eight RJ45 terminations in the distribution panel
- » *No Cameras or equipment included*
» *Will require power over Ethernet to power camera*

INTERCOM OPTIONS



SKYBELL Video Door Entry Kit

- SKYBELL 2.0 Wi-Fi door unit
- Connected to existing door bell wire

» Works with existing chime

Select Call Door Entry Kit

- IC5000-WH Selective Call intercom room unit (Kitchen)
- IC5002-AB Selective Call intercom door station
- PW1030 power supply
- IC5001 Selective Call intercom distribution module
- Category 6 wire to Selective Call intercom room unit (Kitchen)
- Category 6 wire to Selective Call intercom video door unit

Select Call Room Station

- IC5000-WH Selective Call intercom room unit
- Category 6 wire to Selective Call intercom room unit

Select Call Outdoor Station

- IC5004-AB Selective Call intercom outdoor unit
- Category 6 wire to Selective Call intercom outdoor unit

CENTRAL VACUUM SYSTEM

A **Beam Central Vacuum System** is the built-in cleaning appliance that lets you clean your home and improve indoor air quality at the same time. Research at the University of California at Davis has proven that a Beam system provides relief from major allergy symptoms, as much as 61%.

Recent product enhancements provide peak performance for life.

- Up to five times more powerful than uprights for thorough whole-house cleaning
- Removes 100% of contacted dirt, dust mites, pollen, dander and other allergens vacuumed from living areas
- Clinically proven allergy relief

The Facts

Indoor air pollution is one of the most common problems addressed by allergists and is troublesome for their patients. Central vacuum systems often are recommended for removing pollutants. Researchers set out to determine whether a central vacuum system can relieve allergy symptoms.

Unlike conventional vacuums that can recirculate dust, a Beam system removes dust, mites, pollen, animal dander and other allergens, and is superior to a conventional vacuum in providing relief from allergy symptoms.

Proven Results! Research Statistics:
UC-Davis clinical study proves a Beam® system reduces allergy symptoms.

Nasal - 47%
Non-Nasal - 48%
Eye - 61%
Sleep - 44%

Beam Central Vacuum
Additional Accessory Kit*
Car Care Kit

**Requires Beam Central Vacuum.*

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