

2014 ccGEN2 Product Catalog



ccGEN₂
AUTOMATION SYSTEM₂®

URC-ccGEN2.com

Spring 2014

URC's new ccGEN2 Whole-House Automation System entered the marketplace in 2014 to address the ever-evolving and expanding awareness for home automation solutions. For URC, the brand that's proven in millions of American homes every day, it made perfect sense to deliver a comprehensive two-way, IP-based system that parlays years of experience and leadership in the control and home entertainment arenas.

ccGEN2 is geared toward our valued, long-time national distributor partners and their dealers, and builds on URC's success and quality reputation with our Complete Control™ line. ccGEN2 is available through select Distributors with additional ones added in an ongoing way.












Out of the gate, ccGEN2 (full name "Complete Control Generation Two") consists of wand-style remotes, in-wall keypads (one with a touchscreen), mobile apps and network system controllers and sub controllers. It is also compatible with many existing URC products and accessories.

At URC, we take every aspect of our quality, integration and service very seriously and we know that our success depends on your success. To that end, all integrators must be specially selected, trained and certified in order to purchase and install ccGEN2.

On behalf of the employees and management of URC, we thank you for your continued commitment to our products, and we hope you find these exciting new products will further energize and enhance your business opportunities and growth today – and for years to come.

Your URC Team

Table of Contents

	User Interfaces	1 - 4
	Network Controllers and Related	5 - 8
	Entertainment Sources	9
	Cameras	10
	Automation	11 - 12
	Accessories	13 - 14
	Third-Party Integration	15 - 16
	Software	17 - 18
	System Application Diagrams	19 - 24
	Training and Certification	25 - 26
	About URC	27 - 28

“We’ve had thousands of distributors and dealers selling URC to control A/V successfully for years. We believe every URC installer should have a chance to move into the home automation arena and ccGEN2 provides that opportunity in a powerful yet simplified way. We expect this next generation line to take the Complete Control brand into the whole house and the future.”

- Doug Cole, Senior Vice President and General Manager





User Interfaces

RM-2 Two-Way Wi-Fi Color Remote Control

The RM-2 can control most anything in the home as part of URC's ccGEN2 complete home automation system. With its bright 2-inch color, high resolution LCD screen and ergonomic design, it looks fantastic in any environment. This remote features the ideal number of hard buttons and an LCD screen for customer use plus personalization. Everyone can enjoy fast access to cable TV, Blu-ray, DVR, music, temperature adjustments, shade control and more. The RM-2 is the "step-up" remote in the ccGEN2 line, offering full, two-way feedback for real-time monitoring on the remote's screen. See which lights are on or off, browse music playlists and view real-time video on compatible cameras to see who arrived at the door. This remote also employs quick connect Wi-Fi, so there's no waiting to take control of the entire house.



Key Features

- 2-inch full-color backlit LCD screen
- LCD supports up to six (6) buttons per screen
- Quick connect Wi-Fi
- Hard buttons to support virtually every common function
- Two-way control with real-time feedback for a multitude of components
- View live video on remote screen from connected URC and compatible cameras
- Pick-up sensor technology activates LCD screen and backlighting of buttons

Specifications

- Ergonomic design in black
- Includes charging cradle
- Wi-Fi: IEEE 802.11b/g/n
- Power: Lithium-ion Rechargeable Battery (included), 1960mAh
- Size: 2.0" x 8.4" x 0.9" (W x H x D)
- Weight: 0.49 lbs with battery (without AC Adapter)



RM-1 RF Remote Control

This RF wand-style, handheld remote brings easy-to-use, whole-house home automation to life. The RM-1 remote enables you to select music favorites, TV and video sources, lighting, and more. Remarkably comfortable, this remote fits perfectly into the contour of any hand. And, thoughtful button placement eliminates guess work from fingers as they fall naturally onto the 5-way rocker button pad designed for menu browsing. A great value, this is the entry remote control in the ccGEN2 lineup. The RM-1 can be installed as a single room controller, or multiple RM-1s may be used to expand control to additional rooms. For full two-way operation, choose the RM-2 Two-Way Wi-Fi Remote Control.

Note: the RM-1 requires use of the AZ-1 RF Antenna.

Key Features

- 1.5" color OLED interface screen
- Hard buttons to support virtually every common function
- Provides one-way control to popular music products including Sonos® Music Players, AVRs, Roku® players, and other IR, RS-232 and IP-controlled music products

Specifications

- Ergonomic design in black
- AZ-1 RF Antenna required for RM-1 operation (to communicate with Central Processor)
- RF Frequency: 2.4GHz (Two-way)
- Power: Four AA Alkaline Batteries included
- Size: 2.2" x 8.7 x 1.3" (W x H x D)
- Weight: 0.5 lbs



RM-2 Two-Way Wi-Fi Color Remote Control in its charging cradle.



KP-2 In-Wall Keypad with Touchscreen

The KP-2 is a “step-up” In-Wall Keypad with Touchscreen that gives one-touch access to ccGEN2 home automation features, and stays fixed in the wall so it’s always readily available. With a combination of buttons and also a bright touchscreen in the center, all home electronics and functions are in command. The KP-2 connects to the ccGEN2 Central Processor over the home network. With a button press on the screen, play favorite music, drop the shades, select movies, or shut off all the lights in seconds. It’s also easy to know what’s happening around the entire house from the keypad, as it provides real-time information about the environment and electronic components through two-way feedback on its screen.

Note: color change buttons and cover plates are available for the KP-2 in black and light almond from URC.

Key Features

- 3.5” color LCD touchscreen in center
- Two-way metadata display for compatible devices
- Installs in standard dual-gang box

Specifications

- Network: One (1) 10/100 Ethernet port
- Power: Power over Ethernet (PoE)
- Size: 5.7” x 4.7” x 1.8” (W x H x D)
- Weight: 0.61 lbs



KP-1 In-Wall Keypad

The KP-1 In-Wall Keypad provides convenient, quick access to making ccGEN2 system adjustments throughout the home. This keypad is ideal for areas where a primary wireless handheld controller is not necessary but where changes or selections will be made frequently from fixed wall locations in areas such as bathrooms and laundry rooms. The KP-1 has five easy-to-use push buttons plus “up” and “down” functions for simple control of things such as lights and music volume. And, it can be used in a ccGEN2 system along with remote controls. As an affordable entry keypad, the KP-1 is simple to install and fits in a standard single-gang wall box. As such, it also accepts regular Decora® wall plates and can match virtually any décor.

Note: custom buttons may be ordered via a third-party. Ask your URC Representative for details.

Key Features

- Seven (7) button network keypad
- Backlit buttons
- Includes basic button set for control plus “up” and “down” arrows
- Installs in standard single-gang box
- Accepts standard Decora® plates (cover plates not included)

Specifications

- Network: One (1) 10/100 Ethernet port
- Power: Power over Ethernet (PoE)
- Size: 1.8” x 4.1” x 1.3” (W x H x D)
- Weight: 0.18 lbs



ccGEN2 iOS Mobile App and Set-up Card for iDevices

With the ccGEN2 iOS Mobile App and Setup Card, any iDevice turns into an Audio / Video handheld controller. Once installed, it is easy for everyone in the home to manage and control entertainment. Select music, TV stations, cable, movies and more. Also navigate it all using an intuitive menu on the mobile device. You can even turn off TVs in specific rooms by using the room name (such as Living Room) and the power off function. Aided by bright navigation screens, customers can use their iDevices to do things naturally and easily such as set the DVR to record, type in direct channels, adjust volume, and turn off flat screens by room name such as “living room”. The app is free, and is “married” to the Central Processor by way of the setup card that enables virtually an unlimited number of devices.

Note: this mobile app requires a Wi-Fi connection to the local area network (LAN) within the home that is host to the URC ccGEN2 Central Processor.

URC-ccGEN2.com/mobile

Key Features

- Compatible with Apple’s iPad®, iPhone® and iPod touch®
- Easy installation and operation
- Delivers fast control of a multitude of A/V components
- Provides access and control of home electronics from off-premises
- Button layout provides volume, mute, channel, numeric keypad, navigation info, transport and custom keys
- App is downloaded from the Apple iTunes Store and installed on iDevices
- Provides portrait functionality
- The ccGEN2 iOS Setup Card provides a unique code to match the home’s iDevices to the main system controller (Central Processor)
- Requires a ccGEN2 Central Processor per system
- One Setup Code is valid in one system
- Unlimited iDevices per Setup Card / Code



Network Controllers and Related



CP-1 Central Processor

Every ccGEN2 system begins with the CP-1 Central Processor, the brains of the system. This powerful piece provides automation of a wide array of electronic systems such as audio, video, lighting, HVAC, security, door locks and more. Choose music and movies from various sources, turn lights on and off, change temperature, control shades and more. As an IP network-based processor, this piece can sit in any room in the house or a central rack and provide ultra-fast control and response time with 100% accuracy. It lives on the home network so wiring, adding components and servicing are easier than ever and automation possibilities are virtually limitless. This processor is flexible and can handle one room to many, and expand control capabilities to the outdoors and off-premises.

Additional third-party subsystems can be added with ease. Being IP-based, it can handle most any technology or product that comes down the pike. And, registered systems gain the huge added benefit of offsite programming capability. No matter where you are, you can program and provide software service to clients over the Internet, saving money on truck rolls.

Key Features

- Stores and issues commands and macros via IR, IP, RS-232, and Relays
- Provides two-way communication with ccGEN2 remotes, apps and keypads
- Routes commands to auxiliary pieces (AC-1 Auxiliary Controller and WC-1 Wireless Controller)
- Programmable automation including user-scheduled events and actions triggered by sensors connected to onboard ports
- Off-site programming capable when system is registered
- The Central Processor is required in ccGEN2 systems; maximum one per system

CP-1 Central Processor Specifications

- Network: One (1) 10/100 Ethernet port
- IR: Six (6) adjustable IR ports powered by independent IR Engines for simultaneous use
- Relays: One (1)
- RS-232: Two (2) ports (support TX, RX and GND two-way communication)
- Sensors: Two (2) sensor ports
- Power: 12V External Power Supply
- Size: 9.8" x 1.1" x 4.7" (W x H x D)
- Weight: 0.66 lbs



Back of CP-1 Central Processor



AZ-1 RF Antenna

The AZ-1 extends the range of whole-house automation and works in conjunction with the Central Processor, the heart of every ccGEN2 system. The AZ-1 is a handy little 2.4 GHz RF Antenna that connects over the home network via Cat5 wiring to the Central Processor for when an RM-1 RF Remote Control is used in the system. This piece is required when the RM-1 remote is used. Whole-house automation and control of A/V, lighting, security, shades, and door locks is then possible using the RM-1 RF remote. The AZ-1 component is very small so it can be tucked away virtually anywhere to ensure robust system communication.

Note: the AZ-1 RF Antenna is required when using the RM-1 RF Remote Control and the MRX-4SEN Sensor Extender.

Key Features

- Enables URC 2.4 GHz products (e.g., RM-1 Remote Control) to communicate with a ccGEN2 system
- Three LEDs: Power, Status and Data
- RJ45 network connector (requires Cat5 or better)
- Compatible with ccGEN2 ZR-2 Repeater
- Includes mounting hardware

Specifications

- Network: One (1) 10/100 Ethernet port
- RF Frequency: 2.4GHz
- Power: 12V External Power Supply
- Size: 3.8" x 2.8" x 1.1" (W x H x D)
- Weight: 0.20 lbs



AC-1 Auxiliary Controller

The AC-1 is the Auxiliary Controller acting as a sub-base station for the ccGEN2 home automation system. This piece receives commands from the Central Processor (required) and reissues them via IR, RS-232, or Relays. Together with the Central Processor and a wide array of user interfaces, this controller and the ccGEN2 system provide automation of a multitude of electronic systems such as audio, video, lighting, HVAC, security, and more.

Key Features

- Receives commands sent from the Central Processor and reissues them via IR, RS-232 and Relays

Specifications

- Ports: One (1) LAN connection, one (1) Relay, two (2) RS-232, six (6) IR ports, one (1) Sensor port
- Power: 12V External Power Supply
- Size: 9.8" x 1.1" x 4.7" (W x H x D)
- Weight: 0.53 lbs



Back of AC-1 Auxiliary Controller



WC-1 Wi-Fi Wireless Controller

The WC-1 is a Wi-Fi Wireless Controller and used as an alternative solution when Cat5 isn't available or it doesn't make sense to add a larger ccGEN2 controller. A common application for this tiny piece is in the bathroom where TVs are often suspended from the ceiling. Or, it can be placed where a flat panel TV is installed over the fireplace. Over a network using Wi-Fi or a wired Local Area Network (LAN) connection, this controller receives commands from the Central Processor that's required in a ccGEN2 system. It then relays these commands, via IR, to other components in the system.

Key Features

- Converts IP commands from Central Processor to IR
- Four (4) IR emitter outputs, one (1) adjustable, three (3) fixed
- Built-in front IR blaster
- Very small footprint to fit in anywhere
- Includes mounting hardware
- ccGEN2 Central Processor required

Specifications

- Network: One (1) 10/100 Ethernet port or Wi-Fi b/g/n 2.4GHz
- IR: Four (4) emitter outputs and one (1) front IR blaster
- Input: DC 12V
- Power: 12V External Power Supply
- Size: 3.8" x 2.8" x 1.1" (W x H x D)
- Weight: 0.24 lbs



Back of WC-1 Wi-Fi Wireless Controller



Entertainment Sources



PSX-2 Personal A/V Server with Onscreen GUI

The award-winning PSX-2 turns every iPod into an easy-to-navigate personal music server. With one button press from any URC remote, your customers can do things that could take dozens of presses on the iPod alone. The PSX-2 incorporates advanced features such as alpha search, sort by name, “one touch to music” and other smart shortcuts that simplify the navigation of music content. There’s even a fully configurable, plasma-friendly TV screensaver that displays cover art, artist and track info.

Key Features

- Two-way onscreen content browsing and selection with cover art
- Advanced alpha search features get users to music faster
- Shortcuts make navigation to favorite music much easier
- “Play more from...” any artist, genre, album expands and automates operation of the iPod
- Compatible with all iPhones and iPods (except first generation)

Specifications

- Front Panel IR Sensor: Receives URC PSX-2 commands via IR
- IR Range: 20-30 feet, depending on the environment
- Rear Panel IR Input: Compatible with the ccGEN2 CP Central Processor
- Network: One (1) 10/100 Ethernet port
- Audio: Two (2) RCA audio output connectors (L + R)
- Component Video (Y/Pr/Pb): 3 RCA video output connectors
- Power: 5V External Power Supply
- Size: 6.7” x 1.6” x 5” (W x H x D)
- Weight: 0.94 lbs

Note: The PSX-2 cover art display feature must be disabled for compatibility with the following iPods only: All generation iPod Classic models, all generation iPod Nano models.



Cameras



CAM-DC-O / CAM-DC-I / CAM-MC Surveillance Cameras

These URC surveillance cameras are compatible with the ccGEN2 line. URC cameras are compact and easy to deploy. Choose the unobtrusive indoor mini-dome, indoor network camera, or the tough, vandal-proof outdoor dome camera. Models offer H.264/MJPEG compression, plus web-based setup, administration, and feature a 32-bit embedded CPU running Linux. These cameras offer awesome video quality and control for seamless viewing over the network via specific ccGEN2 interfaces such as the RM-2 remote, keypads, and smart phones and tablets.

Key Features

- Capable of displaying live video to URC interface products, smart phones and tablets
- Indoor, mini-domes and outdoor tough, vandal-proof models available
- Web-based setup, admin, control and upgrade
- H.264/MJPEG dual encoding and transmission
- Channel-based user password protection
- Auto or forced switch to black and white capability (CAM-DC-I & CAM-DC-O only)
- 32-bit embedded CPU running Linux, 128MByte SDRAM, 128MByte NAND Flash
- Lens: 3.8mm, F2.0 aperture, fixed, non-zoom
- Power: PoE power supply support (router, switch or injector)

CAM-DC-O Specifications

- 1/3" D1 progressive scan CMOS image sensor
- Resolution: 720x480 / CIF = 352x240 / QCIF = 176x112
- Vandal-proof, weatherproof mini dome IP camera
- Indoor/outdoor use
- Capable of displaying live video up to 30 fps
- Size: 3.63" x 4.75" (H x D)
- Weight: 1.3 lbs (Camera only)

CAM-DC-I Specifications

- 1/3" D1 progressive scan CMOS image sensor
- Resolution: 720x480 / CIF = 352x240 / QCIF = 176x112
- Plastic mini dome IP camera
- Indoor only use
- Capable of displaying live video up to 30 fps
- Size: 2.75" x 3.88" (H x D)
- Weight: 0.47 lbs (Camera only)

CAM-MC Specifications

- 1/4" VGA progressive scan CMOS image sensor
- Resolution: 640x480 / 320x240 / 160x112
- Indoor only use
- Capable of displaying live video up to 30 fps
- Size: 3.54" x 1.57" (H x D)
- Weight: 0.2 lbs (Camera only)



Automation



Note: RM-2 Remote Control shown for screen purposes only and is not included with the TRF-ZW1.

TRF-ZW1 Z-Wave® Extender

The TRF-ZW1 is an existing URC product that is also compatible with ccGEN2. This piece opens up the system to integration with hundreds of Z-Wave-enabled products including lighting, thermostats, shades, door locks and much more. See and adjust temperature and lighting from ccGEN2 keypads and color remotes. Change heating and cooling daily or on seasonal schedules for greater comfort and energy savings. When away from home, ccGEN2 provides the ability to monitor the home's connected electronics and then make smart adjustments as needed from smart phones and tablets. This URC Z-Wave gateway also provides advanced features to the end customer by way of an online, password-protected subscription service for about two dollars per month. The online portal provides secure remote device management and configuration as well as Z-Wave equipment status, history, email and SMS notifications and more.

Key Features

- Provides a seamless gateway to Z-Wave enabled products
- Two-way control for lighting and door locks
- Additional two-way modules for other manufacturers' Z-Wave-enabled products added in an ongoing way
- Advanced features available through an annual subscription and website (email and SMS test alerts, view history and more)

Specifications

- Range: 30 to 90 feet depending upon environment (operational range from the TRF-ZW1 to a product only. With AC-powered Z-Wave devices the Z-Wave network can be extended.)
- Frequency: Z-Wave (US/Canada/Mexico/Chile - 908.4 MHz)
- Power: 12V 1A
- Size: 3.7" x 1.7" x 4.5" (W x H x D)
- Weight: 0.34 lbs



MRX-4SEN Sensor Extender

This compact component is an existing URC product that is also compatible with ccGEN2. An ideal complement to your ccGEN2 system when combined with any of URC's six sensors, this product delivers powerful automation capabilities. The MRX-4SEN connects to the Central Processor and lets it know what's happening with other areas and devices in and around the home. It detects changes in connected URC sensors and communicates these changes to the central processor to start any series of activities desired. A great example of this is if the ambient light dims outside, you can program the system to automatically then turn on living room lights and drop the shades. Small on size but big on versatility and benefits, the MRX-4SEN fits in virtually anywhere for newfound automation features.

Note: the MRX-4SEN requires use of the AZ-1 RF Antenna.

Key Features

- Compact solution that fits virtually anywhere
- Takes input from URC's ccGEN2 Sensor line and transmits them to the Central Processor to trigger actions and macros
- Four URC Sensor ports



URC Sensor Line

Extend and enhance your ccGEN2 system functionality with six (6) URC Sensors that work in conjunction with URC's MRX-4SEN and the Central Processor. For example, you can automatically turn on the lights in a room when the door opens by using the Contact Closure Sensor. These versatile URC Sensors can perceive presence of Video (SEN-VID), Light (SEN-LITE), Audio (SEN-AUD), Current / Magnetic Field (SEN-CMF), Voltage (SEN-VOLT) or Contact Closure (SEN-CCLS) and then convey status through the MRX-4SEN to the Central Processor to trigger actions or macros and enrich every install and client experience.

Key Features

- Compatible with all sensor ports on the ccGEN2 Central Processor, AC-1, and MRX-4SEN
- Compact solutions that fit anywhere and extend control and integration capability
- Sense specific changes and transmit status to the connected Central Processor
- Triggers actions or macros in a Central Processor

Specifications

- Compatible with six (6) ccGEN2 Sensors: Video, Contact Closure, Light, Audio, Current and Voltage
- Wireless communication with URC compatible controllers via URC 2.4GHz RF
- AZ-1 RF Antenna required for MRX-4SEN operation (to communicate with Central Processor)
- RF Frequency: 2.4GHz (ccGEN2 RF)
- Central Processor required
- Power: 12V External Power Supply
- Size: 3.7" x 1.1" x 2.7" (W x H x D)
- Weight: 0.19 lbs

Specifications

- URC Sensor lineup includes Video (SEN-VID), Light (SEN-LITE), Audio (SEN-AUD), Current / Magnetic Field (SEN-CMF), Voltage (SEN-VOLT) or Contact Closure (SEN-CCLS)
 - Compatible with all Central Processor Sensor Ports
 - Size*: 3.1" x 0.8" x 0.6" (W x H x D)
 - Weight: Between 0.08 lbs and 0.21 lbs
- *Specifications for size are generally common for all URC Sensors



Accessories



SW-1 PoE Network Switch (Power over Ethernet)

Provide power to PoE devices. The SW-1 is a perfect best “plug and play” solution to supply power to ccGEN2 Keypads and IP Cameras, as well as third party devices requiring Power over Ethernet (PoE). This component simplifies every installation by eliminating extra wire runs, adding separate power supplies additional AC power strips. Key features include “smart” PoE ports to support keypads and IP cameras. Also this piece provides compatibility with non-PoE devices, and eight (8) “smart” 10/100 PoE autosensing ports that can determine if connected devices are PoE compliant or standard network devices and will apply the correct voltage.

Key Features

- Eight (8) PoE ports
- Smart PoE ports are compatible with non-PoE devices

Specifications

- Network Switching Hub: Eight 10/100 Ethernet Smart PoE ports
- LAN: One (1) 10/100 Ethernet port
- PoE: Eight (8) ports (6.2W x 8 = 50W, 1 PORT MAX = 15.4W)
- Power: 48V External Power Supply
- Size: 9.8” x 1.5” x 4.9” (W x H x D)
- Weight: 0.78 lbs



PIR-1 IR Code Learning Device

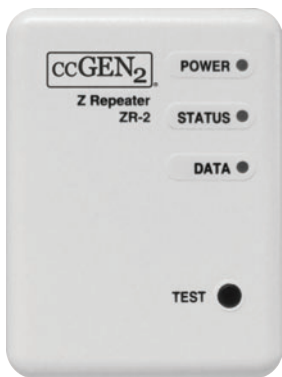
Use the PIR-1 with the ccGEN2 URC Generator™ software to learn codes from legacy and third-party IR remote controls when upgrading to a ccGEN2 system.

Key Features

- Learns IR codes into ccGEN2 URC Generator™ software
- Includes “beeper” to easily test IR output from other remotes and devices
- Compact design
- Includes batteries and USB cable

Specifications

- Power: Powered via USB connector and/or two AAA Batteries (included)
- Size: 1.9” x 5.2” x 0.7” (W x H x D)
- Weight: 0.35 lbs



ZR-2 RF Repeater

This piece transmits and receives two-way communications from URC’s 2.4GHz devices such as the RM-1 RF Remote Control, and relays them to the Central Processor. It acts as a range extender/repeater for these devices.

Note: the ZR-2 requires use of the AZ-1 RF Antenna.

Key Features

- Extends range of URC’s 2.4GHz devices, including the RM-1, MRX-4SEN and AZ-1
- ZR-2 plugs directly into standard power receptacle, 100-240 Volts, 50/60 Hz, 0.3 Amps

ZR-2 Specifications

- RF Frequency: 2.4GHz
- RF Range: 50 to 100 feet, depending upon the environment
- Power: 120V AC (standard wall receptacle)
- Size: 2.0” x 2.6” x 1.0” (W x H x D)
- Weight: 0.10 lbs

Emitters and Cables offered to support ccGEN2 installations include:

- IR6 IR Standard Emitters for the Central Processor, AC-1 and WC-1
- RS232F RS-232 Cable with Female DB-9 for the Central Processor and AC-1
- RS232M RS-232 Cable with Male DB-9 for the Central Processor and AC-1



Third-Party Integration

Working with Other Partners to Deliver Seamless Solutions

URC is proud to deliver solutions with other popular manufacturers in the audio, video and whole-house arena. As the leader in control, ccGEN2 systems can easily integrate with thousands of popular third-party products. Our work in this area significantly increases the convenience and functionality of both URC systems and products made by other manufacturers. These solutions provide the ability to see what is going on, when it is going on – right from most of the ccGEN2 interface products. This is commonly referred to as “two-way feedback.”

Some specific, popular examples include Z-Wave-enabled products and Sonos Music Players. For example, nearly any Z-Wave thermostat, lighting product, shade, or door lock may be integrated with ccGEN2 for monitoring and control. Sonos music players including Zoneplayer and Playbar can connect to ccGEN2 for full, speedy control of music from the remotes, keypads, smartphones and tablets. Search an entire music library in seconds, select services such as Pandora and Rhapsody, Internet Radio, custom-made playlists for a party - and more.



Sonos® Module available from Extra Vegetables.

URC releases third-party integration “modules” in an ongoing way. Just some of our most recent ones include the ability to access and control:

- Furman Power Conditioner • HAI Security • HAI Lighting • HAI Thermostat • Lutron HomeWorks v1 Lutron RA2 v1 • Lutron RA2 v2 (builds scenes and loads from Lutron XML file)
- Lutron RA2 v2.1 (HomeWorks QS Keypad Integration & Lutron Thermostat) • Honeywell Security Denon/Marantz AVR (simplified) • Panamax Power Conditioner • Prolifix Thermostat
- Zodiac® Aqualink® Pool and Spa Environment Management System • TED “The Energy Detective”
- Snap AV Wattbox • IP Cameras (Panasonic, Axis, Wirepath) • DVRs and NVRs (Wirepath, IC Realtime)
- Z-Wave Lighting/Door Locks including Schlage, Kwikset, Cooper, Leviton, GE and more.
(See TRF-ZW1 Z-Wave Extender)

URC Plays Well With Others

FURMAN

HAI

LUTRON

LG

DENON marantz®

PANAMAX®

KNX

nest

Honeywell

Snap_{av}

WATTBOX

Panasonic®

TED
The Energy Detective

WIREFATH
SURVEILLANCE

ZWAVE

Pioneer

IC REALTIME®
Security Solutions

SONOS

EXTRA
VEGETABLES

AXIS®
COMMUNICATIONS

ONKYO®

SONY

YAMAHA

Integra

DUNE HD

and more...



Software

Save Time and Money with Our Powerful System Software

URC Generator shaves hours and potentially days off of your programming time by combining simple steps to create comprehensive macros, house-wide activities and scheduled events. By automatically creating common activity and power macros, Generator does all of your heavy lifting and provides building blocks to create your own customizable, personalized activities. Review the macros Generator has created for you and make your own edits, additions or deletions in a snap. With Generator, you'll get to the end much faster and more confident than ever before.

Offsite Programming

Your clients expect instant gratification no matter where you are or what day it is. With ccGEN2, now you can give it to them. From virtually anywhere, with the URC Generator software, you can program, update and provide exceptional software service to your clients over the internet directly to the Central Processor. This allows registered, verified installers to gain complete file access from outside of the home.

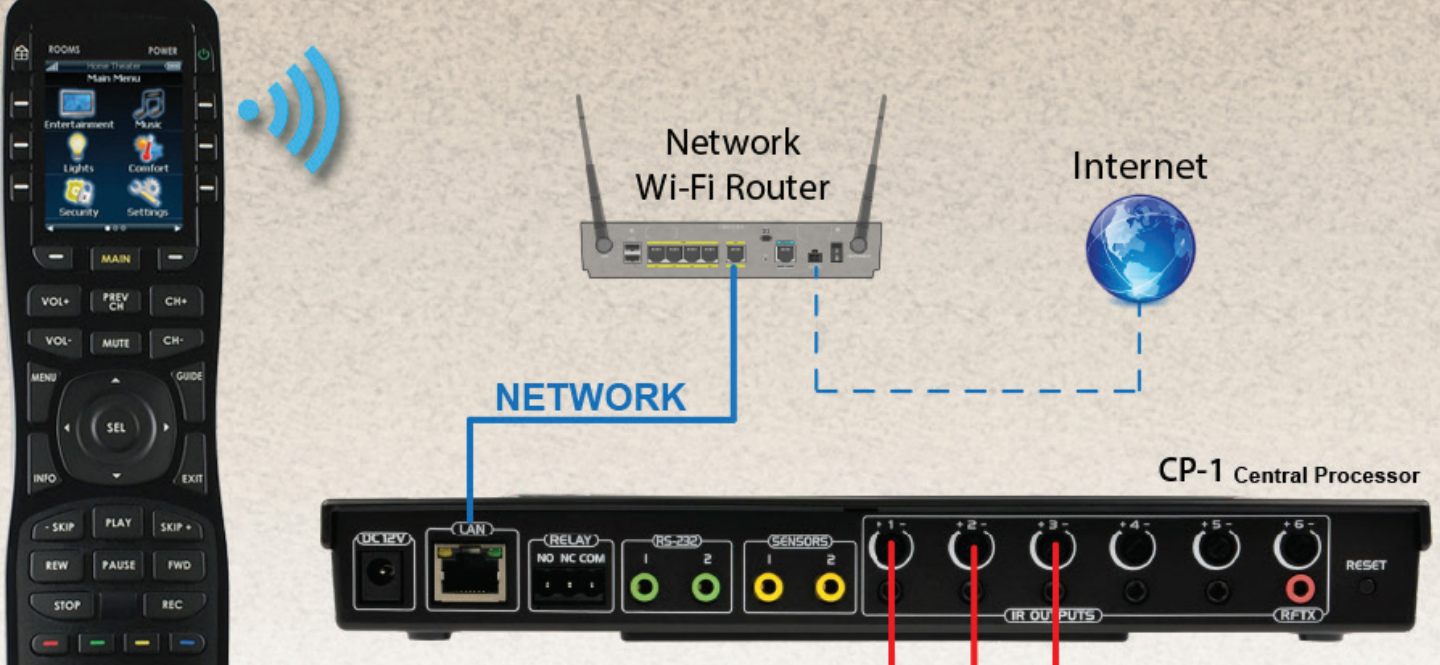
Handle those inevitable future changes or additions—no problem! Edit, test macros, issue any command and upgrade features, just as if you were in front of the equipment. With ccGEN2's powerful offsite programming capability, you get it all. You can provide great service while saving serious money on truck rolls. Now that's smart!

Offsite Consumer Access and Control

Give clients the power to take control from anywhere around the home—or around the world! Our off-premises access and control allows you to use iDevices to control the home from virtually anywhere. Adjust temperature before arriving home, view surveillance cameras to check on the kids from work, turn off the entertainment system, adjust yard lights from your vacation and more.

Home devices and electronics can be easily and quickly controlled from any location via the internet with an iPhone, iPad or iPod touch via 3G, 4G or Wi-Fi! ccGEN2's remote access and control features require a one-time set-up and handshake with the Central Processor in the system. Access is securely password protected to ensure system integrity and privacy.





System Application Diagrams

A System Made to Accommodate Every Installation

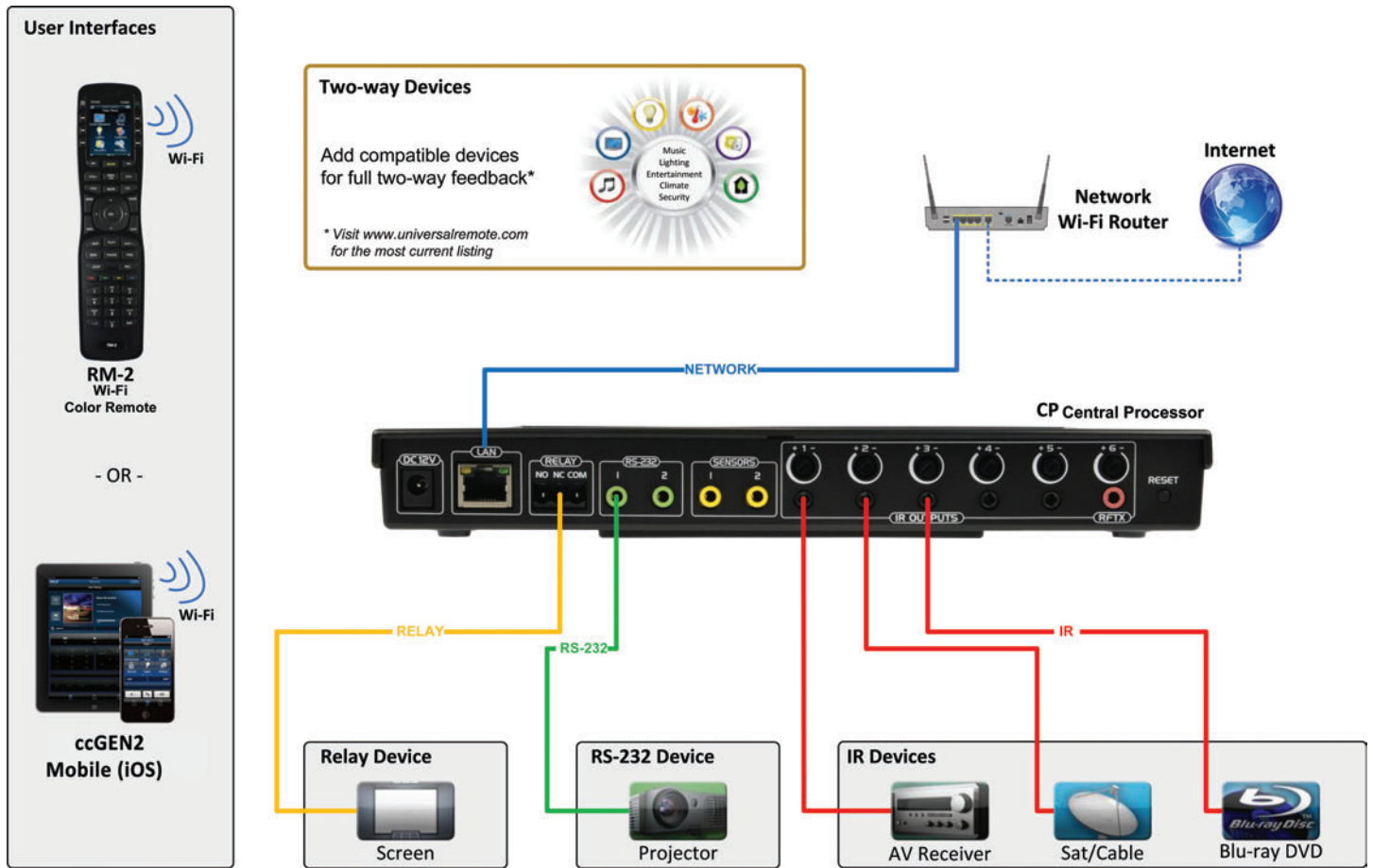
The power of the ccGEN2 is that it can accommodate any number of installations and applications that you may have—for the home, an office or sports bar. This system can be easily configured to control countless products now and in the future.

These diagrams reflect some of the common scenarios for ccGEN2, such as a simple, single-room home theater or entertainment configuration where you may be controlling audio and video components and a projector and screen.

Or, see our multi-room application diagram for a system that works in a set of rooms including a master bedroom, living room and theater. As you view this area, keep in mind these are just a few examples to help familiarize you with ccGEN2 system configurations. There are many other possibilities! Controlling virtually any environment is possible with ccGEN2.



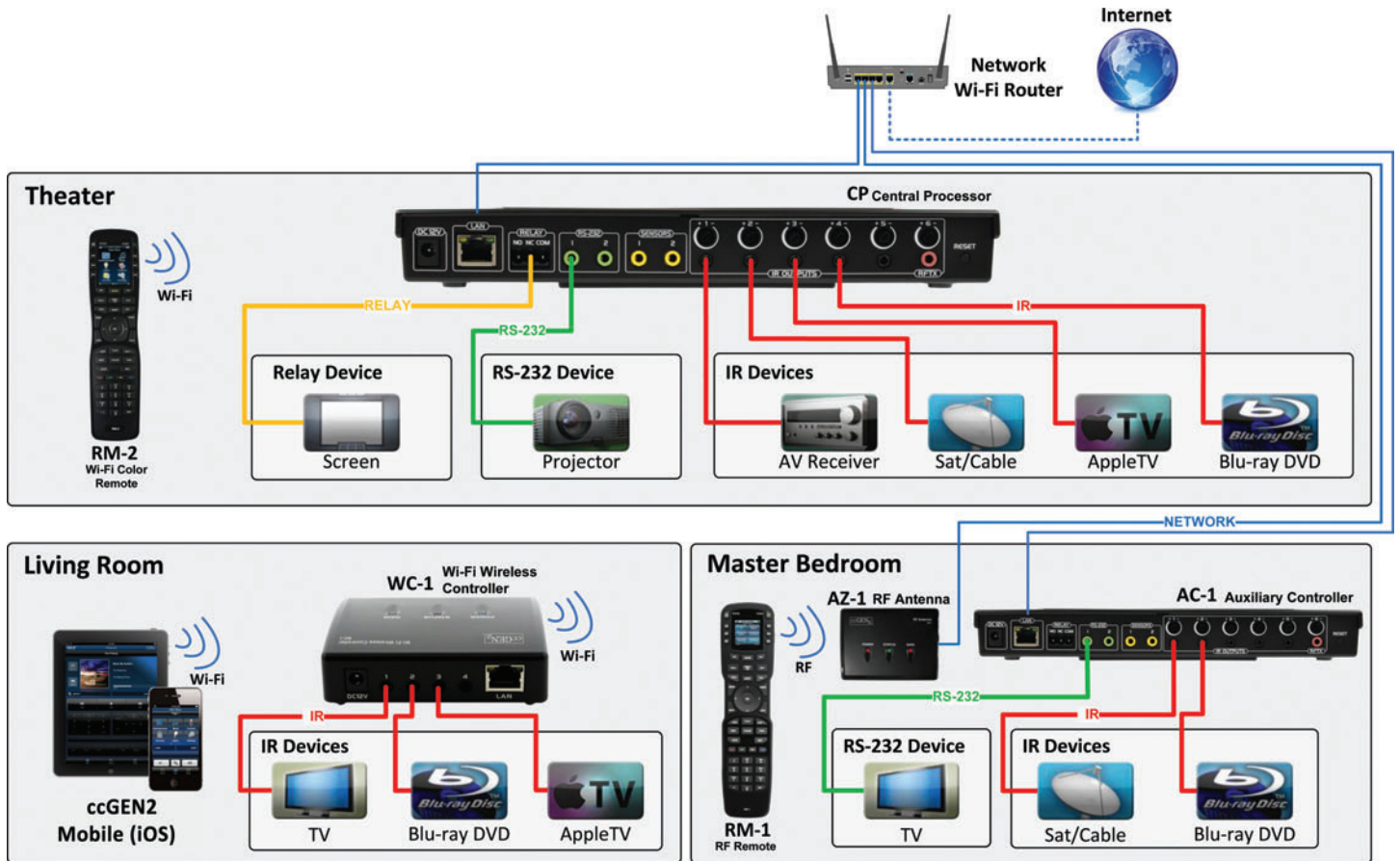
ccGEN2 Single Room Home Theater Application



(an example)



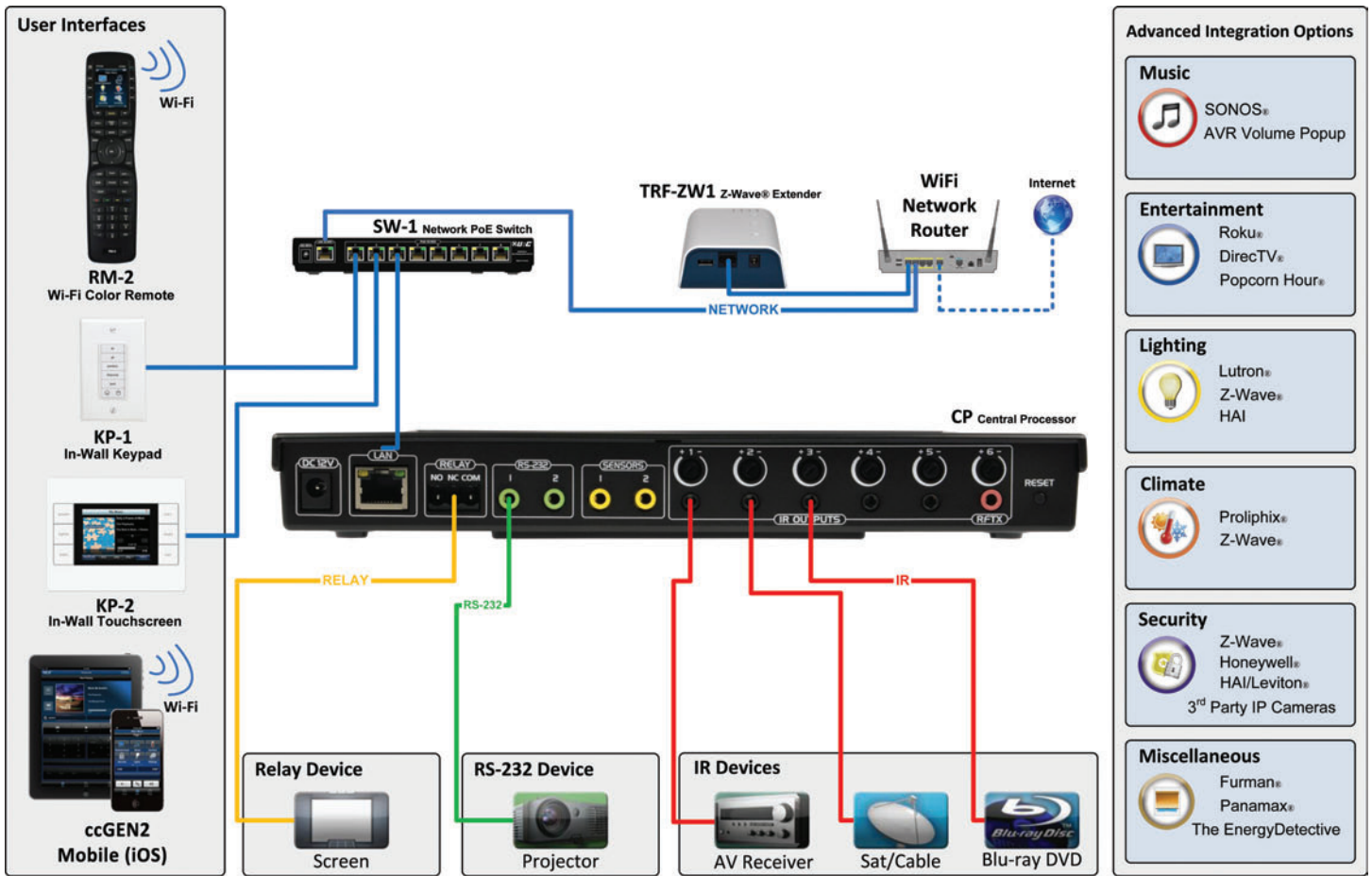
ccGEN2 Multi-Room Application



(an example)



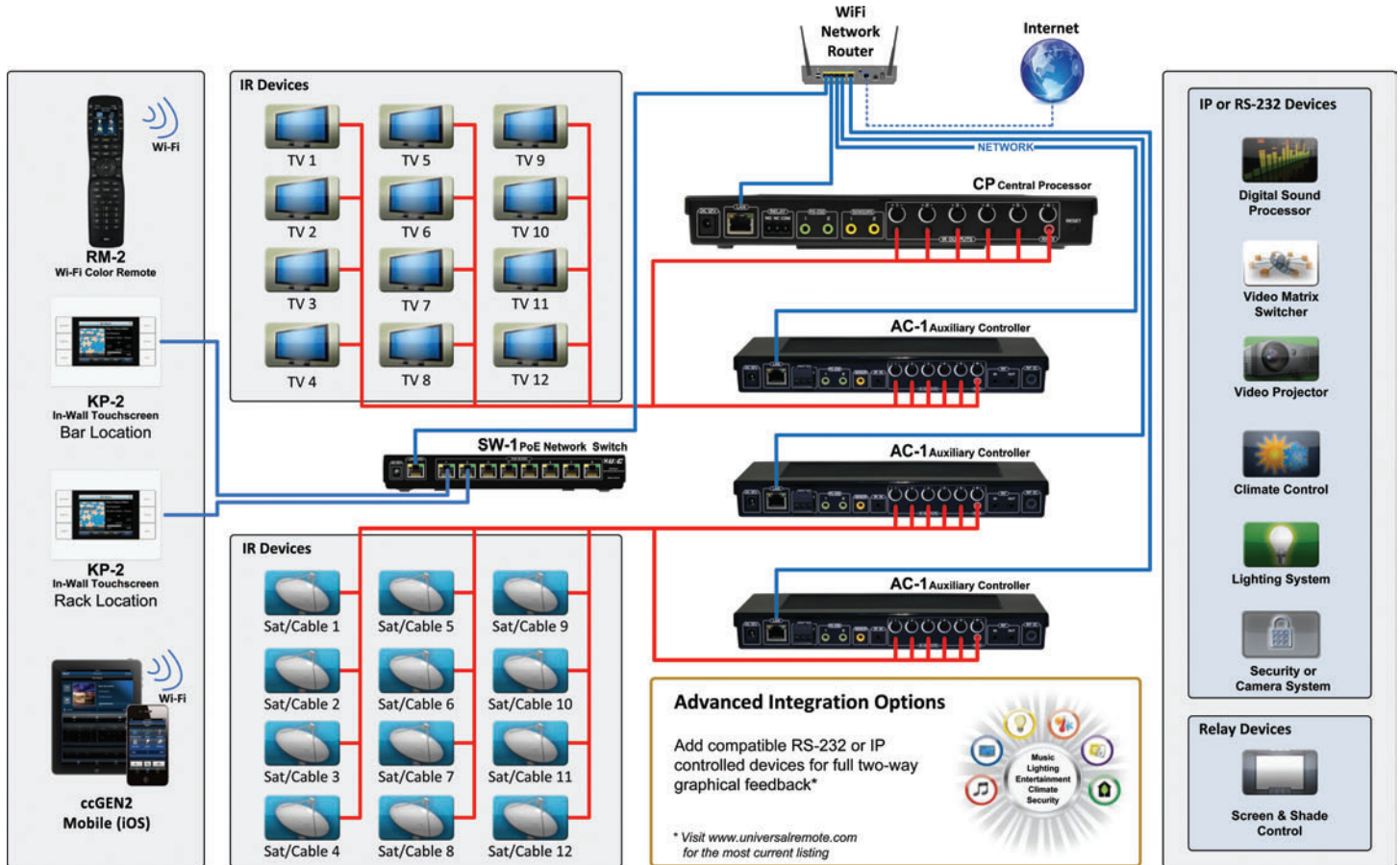
ccGEN2 System Expansion Application



(an example)



ccGEN2 Sports Bar Application



(an example)



Tips for ccGEN2 System Design and Installation

Your local Distributor and the URC field team are always glad to assist you with training and specifying systems to ensure the best possible products and configurations are used. On this page you will find a few good ccGEN2 system configuration and programming tips along with things to remember during your system design and specification stage.

- ▶ **Don't forget the AZ-1!** The **AZ-1** RF Antenna must be used whenever an RM-1 Remote or the MRX-4SEN Sensor Extender is in the system. Both of these work on URC's 2.4GHz communication protocol.
- ▶ **Inspect Device Drivers.** It's a great idea to always QC **Device Drivers** used in your project. These are the keys to creating an intuitive, repeatable system for your customers – both today and in the future.
- ▶ **Never Ignore the Network.** A **quality network** is essential for reliable operation of the ccGEN2 system as virtually all communication depends on it. This will make both you and your customer happier, as it will reduce system calls once ccGEN2 is installed.
- ▶ **Begin with the Basics!** When programming the ccGEN2 system, we suggest creating a **basic program** first. Leave out the personalization and customization for initial testing purposes. Then you can add desired tweaks to make the system most intuitive for your customer.
- ▶ **Two-way is THE way.** The **RM-2** should be the first choice for a ccGEN2 handheld remote as it offers two-way metadata and real-time graphical feedback plus quick connect Wi-Fi. Your customers will love this remote.
- ▶ **Plato said, "The measure of a man is what he does with power."** Hint, the **SW-1** is used to power PoE devices like ccGEN2 keypads, cameras and 3rd-party products. All 8 ports can be used for PoE simultaneously.
- ▶ **Wireless is wonderful.** If a room wasn't wired with Ethernet, you can still control devices inside it! Use the ccGEN2 **WC-1** Wireless Controller.
- ▶ **There is no such thing as a dumb question.** If you're unsure about which pieces you need, compatibility, or anything else related to ccGEN2, call our URC Tech Support group at 1-800-901-0800, 9am-8pm, M-F.





Training and Certification

Distributor and Dealer Training – Committed to Excellence

URC is committed to delivering the industry's finest training, as evidenced by our four, consecutive CE Pro Quest for Quality Platinum Awards, for Training Programs. This is CE Pro's highest award level. URC offers live, nationwide training throughout the year in-field at our Distributor locations and hotels, at URC Headquarters, via live webinars and 24/7 self-paced online training at URC University ("URC U"). We provide training at the CEDIA EXPO which attracts thousands of dealers annually for URC certifications and CEDIA CEU credits.



With the launch of ccGEN2, we've embarked on delivering one of URC's most exciting Distribution product lines and related training efforts. To ensure the utmost success, all dealers who purchase through distribution must complete a ccGEN2 onboarding and authorization process. Also, at a minimum, one individual within the dealer company must become certified by attending a live URC one-day training at a Distributor's location or by taking four to six hours of online ccGEN2 courses at URC U. These sessions delve into system specification and design, networks, programming, device drivers and Z-Wave and third-party product integration and more.

All of URC's ongoing live trainings are highly interactive, entertaining and educational! We provide direct access to our finest instructors and executives, who enjoy answering questions and sharing ideas and strategies to help you propel your business forward.



CCGEN2
AUTOMATION SYSTEM 2



Make the Move with URC!

Go from A/V Control to Whole-House Automation with ccGEN2.

- Simplified home automation solution
- One box, a remote or app gets you started
- Two-way interfaces for A/V, lights, locks, thermostats, shades, security, & more
- Plays with brands you use every day
- Integration with countless Z-Wave® products
- Upgrade clients from one-way to two-way, whole-house control

Now Certifying Dealers.

Be Part of the Next Generation of Automation.

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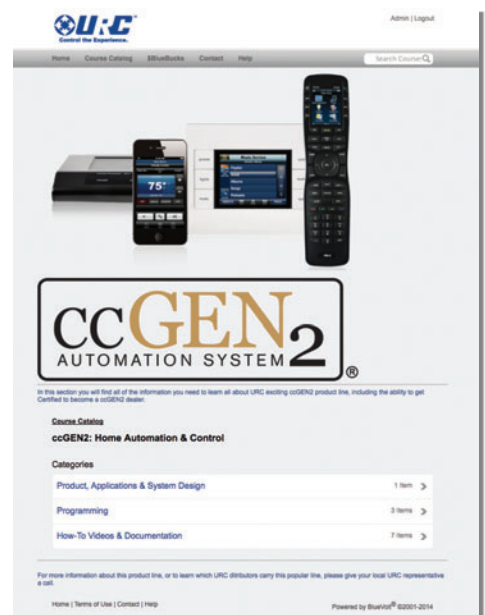
URC University – The Industry’s Best 24/7 Online Training

In addition to live trainings, our online URC U provides top-notch training on your schedule. Available 24/7, 365 days per year, URC U offers a wide variety of self-paced courses for Complete Control, ccGEN2, and general IP networking concepts that dealers must learn to compete in our ever-changing world of custom installation. Easily download handouts, manuals and related items, as well as track your training progress; sign up for live webinars, even sign in electronically for live events.

All of your learning experiences are documented, creating a transcript that provides an archive of your completed courses. Certificates of completion are easily downloaded for all completed courses. Plus, many URC U courses offer CEDIA CEU credits. So take advantage of all we have to offer by joining the 16,000 professionals worldwide who have taken more than 55,000 courses on URC U!




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CCGEN2
AUTOMATION SYSTEM 2

In this section you will find all of the information you need to learn all about URC exciting ccGEN2 product line, including the ability to get Certified to become a ccGEN2 dealer.

Course Catalog

ccGEN2: Home Automation & Control

Categories

Product, Applications & System Design	1 item >
Programming	3 items >
How-To Videos & Documentation	7 items >

For more information about this product line, or to learn which URC distributors carry this popular line, please give your local URC representative a call.

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About URC

A Passion for Quality, Service and Training

We are passionate about control and driven by our customers' convenience. URC is dedicated to producing only the highest quality products that deliver the maximum positive experience to consumers worldwide.

For more than 20 years, URC has been setting the standard for innovative control systems with over 100 million products delivered in the last ten years alone. Headquartered in Harrison, N.Y., the Company provides state-of-the-art remote controls and complete home control and automation systems to residential and commercial clients, including some of the most respected and visible consumer electronics brands: LG, DIRECTV, EchoStar, Samsung, Mitsubishi, Toshiba, Zenith, Denon, Harman Kardon, McIntosh, and countless others.

URC has built its reputation by delivering exceptional levels of quality, training, reliability and support to its dealers and customers. Our products are backed by a highly trained technical support staff. And we provide the most complete training program to assure that the installation, programming and servicing of our products is conducted with the highest level of proficiency and professionalism.



Technological Leadership

Our worldwide engineering teams work closely together to produce the most technologically advanced products that employ innovative solutions for Narrow Band RF (Radio Frequency) control, IR (Infrared) and IP (Internet Protocol) control. Our IP solutions are “Native to the Network” and are among the most advanced on the market.

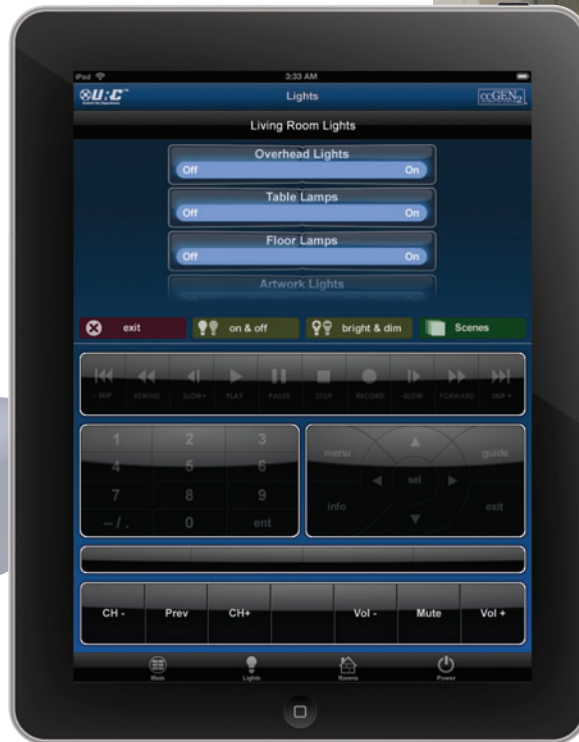
Manufacturing Superiority

Our control products are manufactured in Asia and North America in ISO 9001, ISO 14001 and TS 16949 certified factories using the highest possible environmental management standards. We follow the most stringent quality assurance protocol in the industry to meet today's highest standards.



“URC has been an esteemed and supportive partner of ours for years. We strongly believe that the new ccGEN2 will capitalize on the burgeoning home automation market. We’re delighted to be a distributor of this comprehensive product line.”

- Trevor Hansen, Vice President
Volutone



ccGEN2 Mobile App



Universal Remote Control, Inc.
Harrison, NY USA
universalremote.com



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