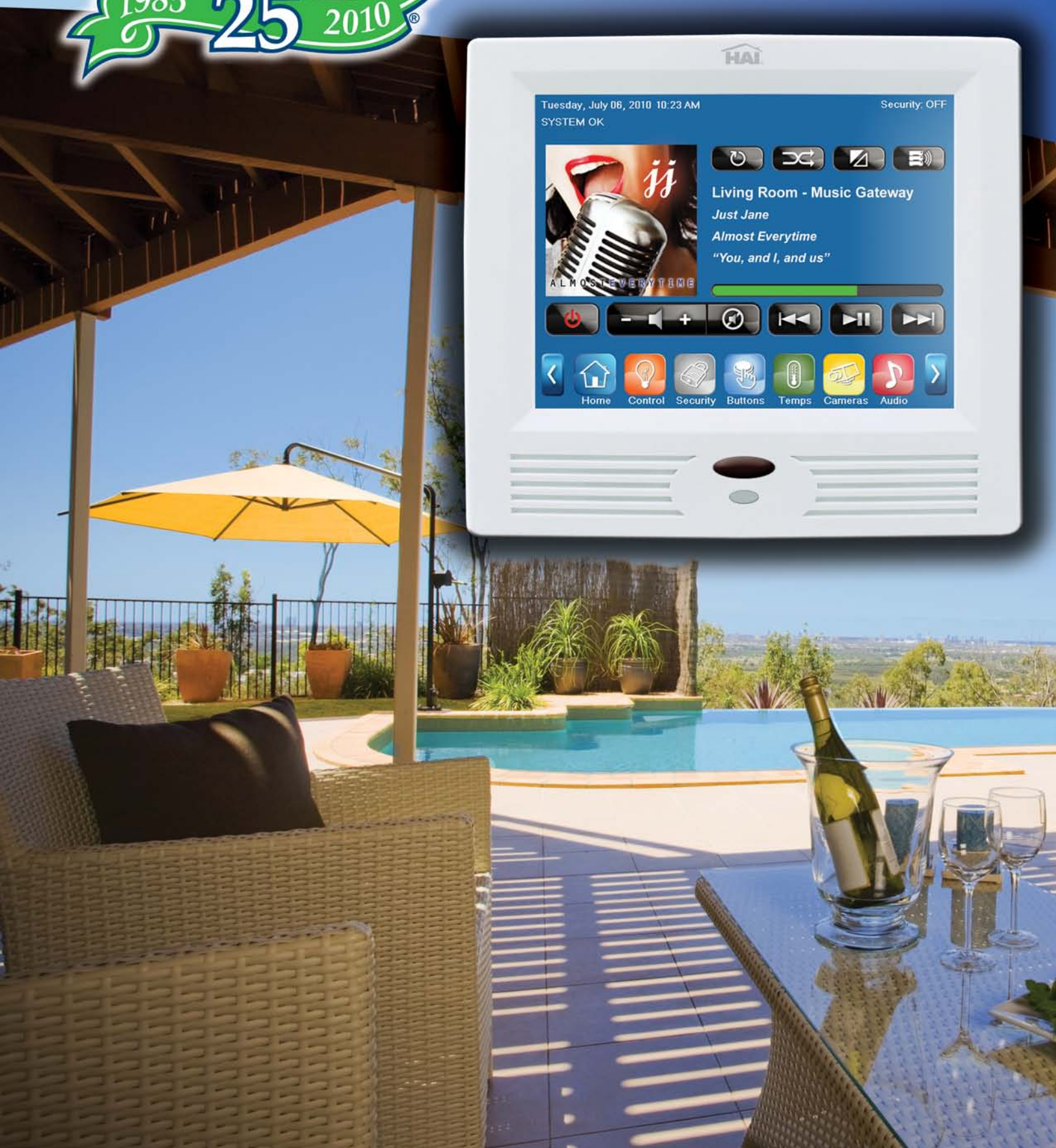




# 2010 Product Catalog

Home Automation · Building Management



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## Look for these icons!

Product information icons are placed next to product descriptions throughout this catalog for easy identification of special applications or features.



Rated for commercial building applications



Utilizes HAI's secure wireless technology



Designed for ZigBee® Home Automation Public Application Profile



110VAC required (not suitable outside U.S.)



Product includes all-new features for 2010



Product planned for release in 2010

## Letter from the President



Thanks to you, HAI is celebrating our 25th year as the leading supplier of integrated security, energy management and entertainment automation systems for residential and commercial applications. We greatly appreciate your long-standing business and friendship—and look forward to growing with you for another 25 years!

2009 was a prolific year for HAI with many new product introductions and major enhancements. We introduced our highly anticipated IP-based suite of products: the Omnitouch 5.7e Touchscreen, Omnitouch 10p Portable Touchscreen, Home Theater Extender (HTX), Camera Server and Power-over-Ethernet switches. This collection of products enables HAI to offer high-end features at modest prices, while expanding with new applications in entertainment, energy savings, and security. At the core of the IP-based suite is HAI's Automation Studio software which allows dealers to customize HAI IP-based Touchscreens to the delight of their clientele.

The new Cellular Communications Center (C3), which affords land line convenience and call quality to non-land line homes, also saw high praise upon launch. With the C3, homeowners gain added security when the unexpected occurs and land line service is compromised.

Additionally, HAI's PC Access software is all-new along with major feature enhancements to HAI's controllers. While we were at it, the OmniPro II, Omni IIe and Lumina family main boards were re-engineered, further improving the renowned reliability and performance of these products.

HAI's lifelong quest for energy efficiency continues with the introduction of HAI Smartgrid Solutions. These products are designed to work with utility programs for load management to reduce energy costs, greenhouse gas emissions, and dependence on fossil fuels. They also work with HAI automation systems to extend energy efficient control to every device in your home or business.

Take a closer look at these and the many other new and enhanced products either now shipping or coming soon. See the ever expanding International and Connectivity Partner sections on HAI's web site, [www.homeauto.com](http://www.homeauto.com). Keep in touch with HAI via your favorite online social network and opt-in e-mail alerts—and, of course, your friendly HAI Regional Manager.

We look forward to a great new year with each of you. Thank you again for your business. We look forward to being part of your continued success in 2010 and beyond!



19



25



41



52



58



## Leading with innovative solutions for energy management, security, and entertainment.



Left to right, Tom Pickral, Brian Yokum, and Jay McLellan at HAI's Corporate Headquarters and Production Facility in New Orleans, Louisiana, USA.

### Celebrating 25 years of excellence

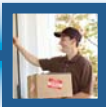
Home Automation, Inc. (HAI) was formed in 1985 to provide automation products to the emerging home automation and controls market. HAI's founders, Tom Pickral, Brian Yokum, and Jay McLellan worked together in the commercial automation industry and sought to apply this expertise to the home automation market. 2010 marks the 25th anniversary of HAI providing the best in home automation.

**1985:** HAI forms to provide products to the emerging home automation & controls market.

**1995:** The HAI Omni system—providing twice the performance at half the cost of the Model 1503—hits the market.

**1997:** The HAI OmniPro controller is introduced, providing expanded features for large homes.

**2001:** HAI Web-Link II: the first Internet remote access & control software for residences.



**1988:** The Model 1503 is introduced as the first integrated security and automation system on the market.

**1996:** Omnistat is introduced—the first ENERGY STAR® programmable communicating thermostat line.

**2000:** The HAI Omni LT home control system for smaller homes, townhouses, apartments and European markets is unveiled.

**2002:** OmniPro II replaces OmniPro. Video recording capabilities added to Web-Link II.

## 2009's new product releases

Year after year, HAI raises the standard in home automation technology. 2009 was no exception as it saw several new and critically acclaimed products go to market.

- HAI OmniTouch 10p Portable Touchscreen
- HAI OmniTouch 5.7e In-Wall Touchscreen
- HAI Automation Studio Software
- HAI Home Theater Extender (HTX)
- HAI Camera Server
- HAI Cellular Communication Center (C3)
- HAI Smartgrid Solutions product line
- HAI Eight Port Power over Ethernet Switch
- HAI One Port Power over Ethernet Injector
- HAI home control system 3.1/3.2 firmware
- Light Almond RIMs and VSCs for Hi-Fi by HAI
- Enhanced HAI Access Control Keypad
- Enhanced HAI PC Access Software
- Enhanced HAI OmniPro II Board: Italian language
- Enhanced HAI Omni IIe Board: Italian language
- Enhanced HAI Omni LT Board: Italian language
- Enhanced HAI OmniTouch 5.7 Touchscreen: Italian language
- Enhanced HAI Web-Link II Software
- Enhanced HAI Home Control Software
- Enhanced HLC Scene Switch Remote
- Enhanced Pronto Link: 16 languages
- Enhanced Video Encoder



**2004:** HAI introduces Home Control for Windows® Media Center—allows control of an HAI system on your TV.

**2006:** Release of the revolutionary whole home audio system, Hi-Fi by HAI, Snap-Link, the USB key that plugs into any computer to monitor and control the home, and Lumina.

**2008:** Introduction of Omnistat2 programmable communicating thermostat; New versions of PC Access software and OmniPro II/IIe controller boards released.



**2003:** HAI introduces the OmniTouch Touchscreen. It quickly becomes the international face of home automation.



**2005:** HAI Lighting Control (HLC) introduces the concept of affordable, elegant lighting control; HAI OmniTouch with Video, allowing surveillance video to be displayed; HAI Wireless products enhance security and automation applications.



**2007:** HAI OmniTouch 5.7 Touchscreen released; Snap-Link Mobile puts home control in the palm of your hand; HLC uses Gen II UPB for enhanced reliability and added features.



**2010:** HAI's 25th year of serving the home automation market is celebrated.



Touchscreens throughout the home provide easy control of a variety of home systems.



Advanced portable Touchscreens go beyond any previous interface convenience.



Control lighting, audio, video, temperature, and more all with a touch.

## The common questions and answers of home automation.

### What are the benefits of an automated home?

An automated home coordinates security, temperatures, lighting, and audio/video automatically for safety, energy savings, and convenience. Automatically dimming lights and changing heating and cooling setpoints when you're away from home can greatly reduce energy costs. Remote access lets you view security video on a laptop or Smartphone. Adding home automation can also increase the value of your home.

HAI products will make your home "greener" by making it more energy efficient. As an added benefit you will save money on your energy bills. If used properly, your system can practically pay for itself in energy savings, while increasing the resale value of your home.

### Is the system easy to understand and operate?

**Yes.** Touchscreen graphic displays can be customized to meet your unique tastes and requirements. Children can even learn and understand how to use basic features of the system. Day-to-day events are controlled with one button, such as Day, Night, Vacation, or Away. More specific activities are menu driven to change temperature, lights, audio and more.

### Can it be controlled over the Internet or telephone?

**Yes.** All HAI systems can be monitored and controlled over the Internet or telephone either inside or outside the home. Check and adjust lights, temperature, security, audio, and more. Perfect for a vacation house.

### Can the system expand easily if my needs change?

**Yes.** You can add Touchscreens, pool, spa, or irrigation controls, window treatments, remotes, multi-room audio systems, home theater controls, access control, video surveillance, and more. HAI has partnered with many other companies in related industries so you can expand and customize your home automation system now, or at any time in the future.

### Is the system affordable?

**Yes.** HAI offers a home automation system for every lifestyle. Price depends on the size of your home and the options that you desire. Your HAI dealer will evaluate your home and your family's needs to customize a system that is just right for you.

## HAI's reliable home control systems are the most popular in the world.

HAI systems have been installed worldwide for 25 years. Many of HAI's first generation controllers are still in use—some have been running continuously since 1988!

HAI uses embedded controller technology in its home control systems, a technology proven to be reliable with decades of use. HAI controllers have no fans, disk drives, or other moving parts to fail.

All HAI products can work in a stand-alone fashion so they are not dependent on any other products in the house, including computers. There is no single part that can cause an entire system to fail. For example, light switches still control the lights and thermostats still control your heating and cooling system. These familiar devices are easy-to-use for homeowners and guests in every day living.

To ensure the highest reliability and safety, HAI has products tested by Underwriters Laboratories (UL), the most stringent test lab in North America. Many competitors refuse or are unable to meet these strict requirements.

In addition to meeting UL requirements, HAI also meets CE (European Standard) requirements. In most cases the requirements and testing for CE are more difficult, but HAI goes the extra distance to ensure the highest quality product is available.

### Approvals

- UL Residential Fire and Burglary (Omni family)
- UL Commercial Burglary (OmniPro II & Omni IIe)
- UL Energy Management (Lumina family)
- FCC Part 15J, Part 68 (Omni & Lumina families)
- California Title 24 Compliant (Omni & Lumina families)
- California State Fire Marshall (Omni family)
- CP-01 Compliant (Omni family)
- CE (European Standard - Hi-Fi; Omni & Lumina families)
- IS-60 (Canadian Standard - Omni & Lumina families)
- ENERGY STAR® Partner
- HAI's products are RoHS compliant



HAI is proud to be active members of the following leading industry organizations:





## HAI offers you more.

### More options

HAI offers more interface options than ever before plus a comprehensive integrated product line including energy management, surveillance, lighting control, multi-room audio, security, access control, and home entertainment.

### More business opportunities

HAI's extensive and modular product line and Connectivity Partnerships means you can offer clients a product range that fits any budget.

### More experience

Since 1985, HAI has been the industry leader in integrated security and home control products.

### More awards

HAI has been the recipient of over 100 business and industry awards over the past quarter century, putting HAI in the top tier of home automation solution providers in the world. Year after year, HAI garners more recognition for developing and implementing unique and innovative solutions for the industry and the markets it serves.





## HAI is worldwide with products available in over 80 countries.

### HAI Omni controller languages

The Omni family of controllers are available in the following languages:

- Spanish (European, Latin American, and Castilian)
- Catalan
- Chinese (Traditional and Simplified)
- Italian
- French (European and Canadian)

Additionally, HAI's OmniTouch Touchscreens support a wide variety of world languages including Spanish (European and Latin American), Italian, French, Catalan, and Chinese (Traditional and Simplified).

HAI's international website, located at [www.hai-international.com](http://www.hai-international.com), supports six different world languages including English, French, Italian, Spanish, Chinese, and Arabic, and highlights events, training opportunities, and projects.

HAI strives to provide information for as many global populations as possible, expanding the availability of HAI products to every region. Contact [internationalsales@homeauto.com](mailto:internationalsales@homeauto.com) for more information.

### Foreign language support for Philips Pronto

HAI Pronto-Link software is available in English, Arabic, Chinese (Traditional and Simplified), Dutch, French (European and Canadian), German, Greek, Hebrew, Italian, Spanish (European, Latin American, and Castilian), Portuguese, Russian, and Turkish.





ZigBee®



## HAI supports open standards

At HAI, our 25 years of experience have shown that the only successful way to implement Home Automation systems that remain useful and functional for the long term is to support any and all of the technology standards that are in use. For maximum choice and flexibility, HAI supports a wide variety of open standards so that each homeowner can have all the automated systems they want, regardless of the limitations of one type of technology or another.

HAI has long been a supporter of standards such as UPB™, X-10, Z-Wave, RS-232, TCP/IP, and ZigBee®. For 2010 HAI is expanding our support of ZigBee Home Automation and ZigBee Smart Energy standards.

HAI is also revolutionizing the home entertainment space with our IP-Based Product Suite. The 2009 introduction of HAI's IP-based OmniTouch touchscreens and Home Theater Extender (HTX) will be further enhanced by the Music Gateway.

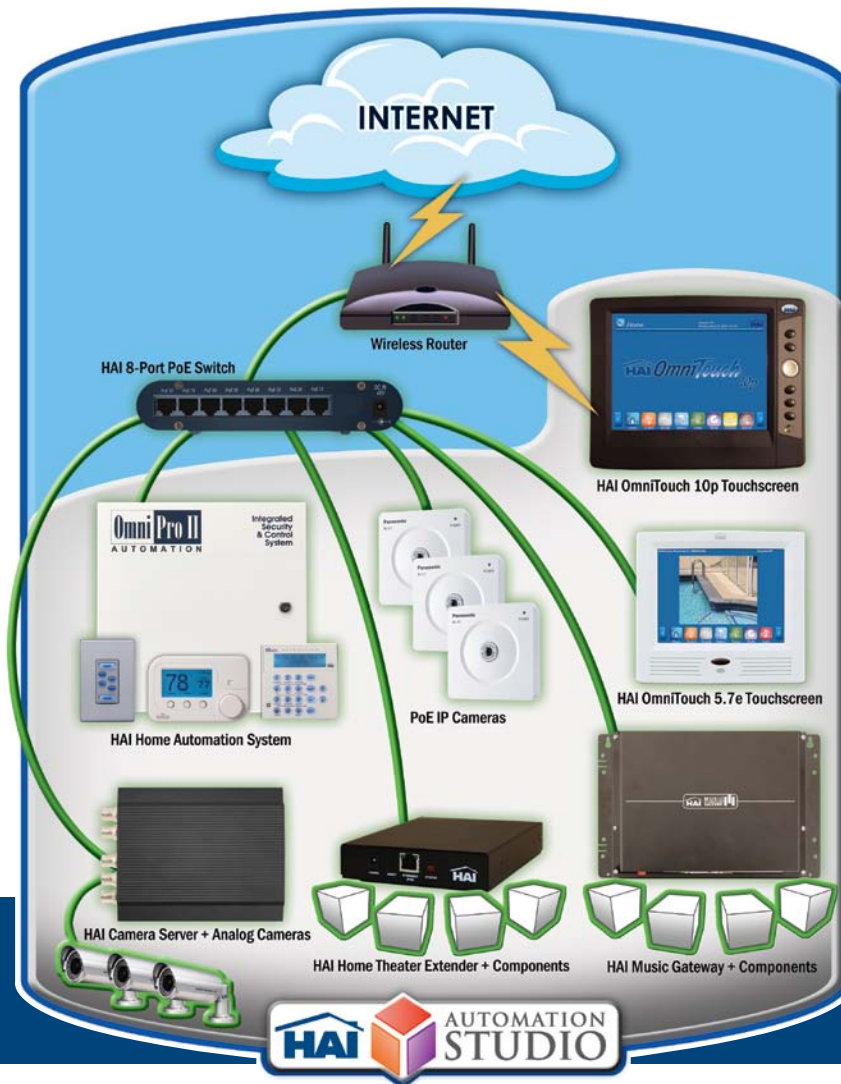
## Simplify with HAI's IP-based product suite.

Together, HAI's family of IP-based products work together using technology that greatly benefits both dealer/installers and homeowners.

HAI's new IP products bring several enhanced capabilities:

- The use of IP cameras, access to web-based information such as traffic cameras, weather, and news feeds, as well as the ability to play audio from a music library.
- Because IP networks use Cat-5 cable and standard routers, installation is simplified, saving time and money for dealers and homeowners.
- HAI's Power over Ethernet (PoE) switches eliminate wall-mounted power supplies and the extra wiring they require.

By using HAI Automation Studio software, interfaces can be completely customized. Automation Studio is the set up tool for the IP devices in an HAI home automation installation. HAI Automation Studio gives HAI Dealers the power to develop a more



vivid, user-friendly graphic interface based upon the homeowner's lifestyle and interests. Add a floor plan graphic, set up buttons that will open specific websites, include your dealer logo and contact information, and even display multiple languages.

The HAI HTX works with the IP-based OmniTouch Touchscreens to control home theater equipment. Commands are received by the HTX which controls A/V equipment via serial ports, IR ports, and SPDT relays. Multiple HTXs can be used in an installation to control A/V equipment in every room.

IP-based OmniTouch Touchscreens can also view IP cameras that provide .JPG or .MJPEG output. These types of cameras can be set up with no additional hardware necessary. The HAI Camera Server allows analog cameras, such as HAI's Day/Night Bullet Camera, to be viewed on an IP-based Touchscreen.



## Innovations for utilities and their customers.

HAI offers a full suite of products that cover any type of Home Area Network (HAN) application including In-Home Displays (IHD), Load Control Modules (LCM), and Programmable Communicating Thermostats (PCT) designed to use the ZigBee® Smart Energy, Sensus FlexNet, and other RF network technologies for communication. Designed for Time of Use, Duty Cycling, and Energy Awareness programs for utility companies interested in Smart Grid and tailoring load profiles for best use of assets.

HAI HAN products may be totally customized to meet the needs of each utility customer. Utilities can specify the exact information that appears on a PCT or IHD,

including customized pages and colors, and have the ability to display custom messages during a special event.

The HAI HAN products allow utility customers to implement Time of Use rating structures, manage demand response by shedding load during peak demand events, and send common custom informational messages to the customer. HAI HAN products can control any type of electrical device inside of the home for demand response and can be expanded into far reaching home automation systems. As more utility companies begin to use smart metering systems, HAI leads the way with these Smartgrid Solutions.



Omnistat2 (PCT)



Load Control Modules (LCM)



In-Home Display (IHD)

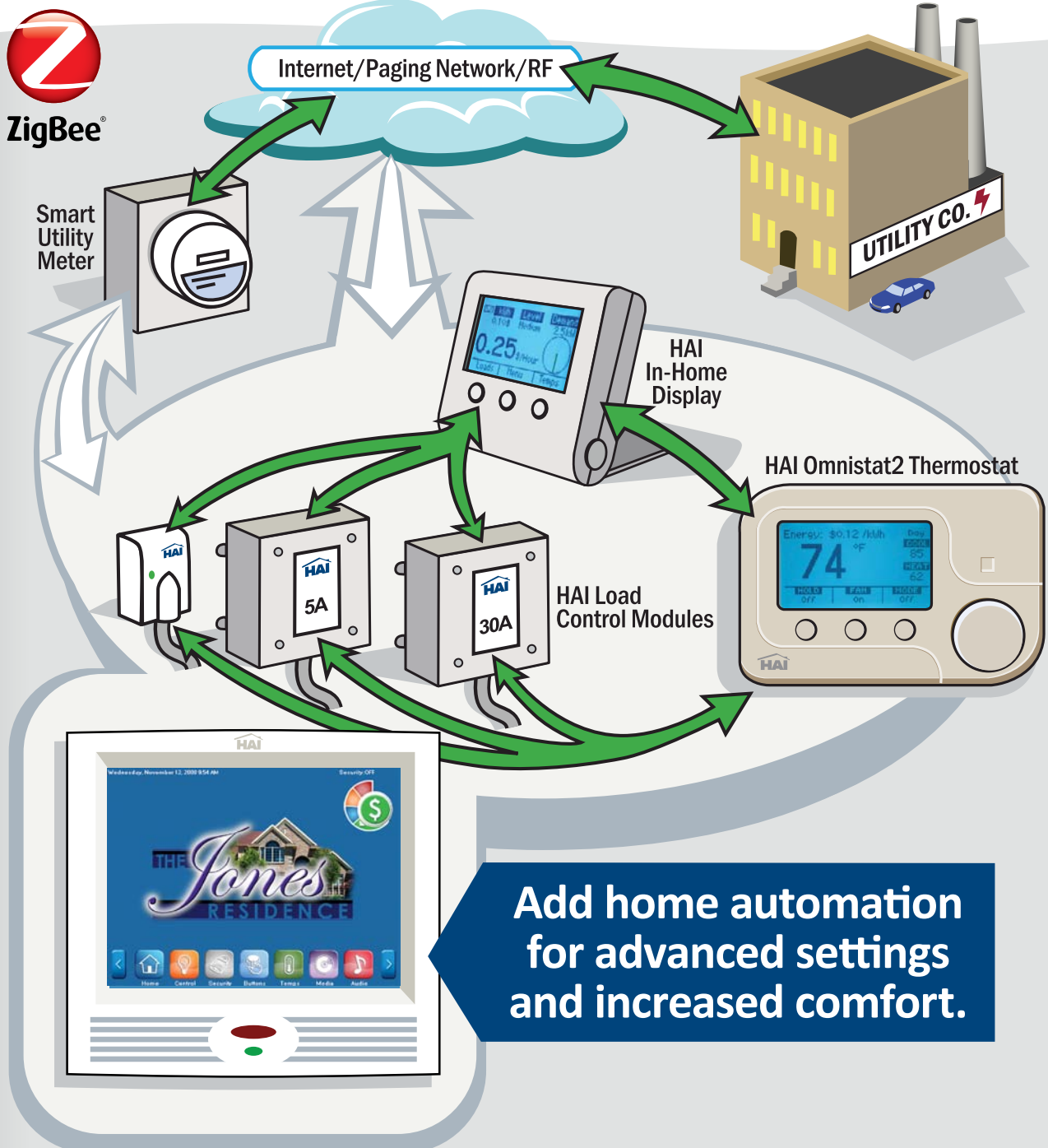


## HAI Smartgrid Solutions Demo Case

18A00-17

Demonstrate the range of HAI products specially designed for use by utilities. The HAI Smartgrid Solutions demo case includes each of the core Smartgrid Solutions products: an Omnistat2 Programmable Communicating Thermostat, an In-Home Display, and all three variants of Load Control Modules (30A, 5A, 15A plug-in). To create a full simulation, HAI includes a second In-Home display programmed to function as a meter simulator. All devices are provided securely in a graphically labelled foam insert set within a durable travel case.

# HAI's Smartgrid Solutions function as a complete network with smart energy meters and gateways.



**Add home automation for advanced settings and increased comfort.**



# ***SAFETY & SECURITY***





## Ensure the Safety of Your Family and Property

An Omni home control system takes the place of a standard security system. It features built-in UL Listed, CP-01 compliant security and fire systems to detect intrusion, smoke and fire, carbon monoxide, water and other hazards through wired and wireless sensors. It provides the ultimate in safety for your family with features not found in a standard security system such as inside and outside lights turning on in the event of a security alarm, or the air conditioner automatically turning off in the event of a fire to prevent the spreading of smoke throughout the home.

Call or go online to check or change security, temperature, or lighting settings. Personalize your Omni system to notify you by telephone, e-mail, Internet surveillance, or central monitoring of an alarm event. For instance, your Omni system can call you when the children have returned home from school. Back-up battery resources ensure security remains active even during a power loss.

HAI's Surveillance products let you view and record video of events at your home. Also consider HAI's Access Control products for limiting gate or pool access and adding the convenience of automation and security activated by the simple swipe of a card. Security features of the Omni system also act as the eyes and ears of your home to initiate other automation functions, such as lighting scenes or temperature changes based on motion or door openings.

HAI constantly advances the Omni family of controllers with inspired software and achievements that are recognized by the industry in awards such as the 2009 TechHome Mark of Excellence Platinum Award in the Best Security Product category.



**The OmniPro II is HAI's flagship integrated control, security, and fire system, designed for large homes.**



**The commercial grade HAI OmniPro II control and security system is UL Listed specifically for commercial applications.**



**The ideal HAI control system for securing and automating mid-size homes.**



**The economical choice for securing and automating homes, condos, apartments, and townhouses.**

**SPECIFICATIONS****HAI Controllers**

HAI Lighting/Rooms	31	31	8	2
Lighting Scenes	128	128	64	16
Lighting Addresses	250	250	64	16
Zones	16	16	16	8
Zone Expansion Total	176	176	48	24
2 Wire Smoke Loops	4	4	4	1
4 Wire Smoke Loops	176	176	48	24
Thermostats	64	64	4	2
* Consoles (Keypads)	16	16	8	4
OmniTouch 5.7 Touchscreens	15***	15***	7***	3**
IP Touchscreens (10p/5.7e)	16	16	16	0
12 Volt Triggers (w/ expansions)	8 (136)	8 (136)	8 (8)	2 (10)
Audio Control	Hi-Fi/Conn.Prtnrs	Hi-Fi/Conn.Prtnrs	Hi-Fi	Hi-Fi
Access Control Card Readers	16	16	4	0
Access Control Card/Keytag	99	99	16	0
Serial Ports	5	5	5	1
Serial Expansion Total	6	6	6	2
Ethernet Port	Yes	Yes	Yes	No
Flash Memory	Yes	Yes	Yes	No
User Codes	99	99	16	8
Programming Lines	1500	1500	500	100
Vocabulary	550	550	550	195
Custom Vocabulary	Yes	Yes	No	No
Depluggable Terminal Strips	Yes	Yes	Yes	No
Format	Contact ID, 4/2,3/1	Contact ID, 4/2,3/1	Contact ID, 4/2,3/1	Contact ID, 4/2,3/1
Transformer Required	24V (40VA)	24V (40VA)	24V (40VA)	16.5V (40VA)
Battery (Typical)	12V (7 Ah)	12V (7 Ah)	12V (7 Ah)	12V (7 Ah)
Aux Current Max	1A	1A	1A	500mA
Bell Current Max	1A	1A	1A	1A
Aux Current (UL 24hr.)	250mA	250mA	250mA	200mA
Bell Current (UL 24hr.)	300mA	300mA	300mA	350mA
Total Expansion Boards (10A06-1)	2	2	2	0
Total Expansion Enclosures (17A00-X)	8	8	0	0
Total Expansion Boards (22A00-1)	0	0	0	1
**** Total 64-Zone Wireless Receivers (45A00-1/42A00-2)	2	2	1	1
110V/220V/240V	Yes	Yes	Yes	Yes
* UL Listing	Res. Burglar/Fire	Comm. Burglar	Res. Burglar/Fire	Res. Burglar/Fire
Warranty	3 years	3 years	2 years	2 years

\* Systems must have one console to meet UL requirements.

\*\* Recommend 32A30 Touchscreen Hub for two or more OmniTouch 5.7 Touchscreens.

\*\*\* Recommend 32A30 Touchscreen Hub for three or more OmniTouch 5.7 Touchscreens.

\*\*\*\* Wireless Receivers can support 64 transmitters and can report to 16, 32, 48, or 64 zones depending on your setup. Each group of 16 zones counts as one Expansion Enclosure.





HAI's family of Omni controllers are available in multiple languages for our international customers.

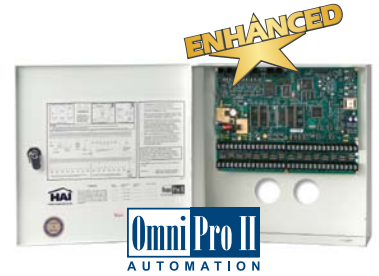
[www.hai-international.com](http://www.hai-international.com)



**OmniPro II Controller**

20A00-2

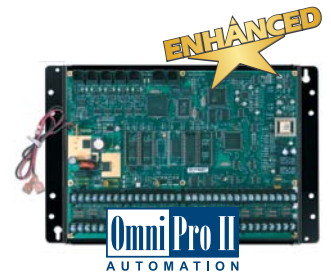
The flagship HAI home automation controller. Includes the OmniPro II controller with enclosure, lock set with two keys, UPB™ Powerline Interface Module and cable, RJ31X cord and jack, manuals. Part 20A00-2 is English language. For other available languages add language code to part number: *Latin American Spanish (SPA)*



**OmniPro II Controller for Structured Wiring Enclosure**

20A00-8

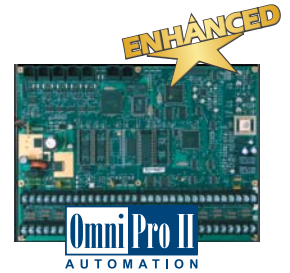
OmniPro II controller on mounting plate for installation in structured wiring enclosures, UPB™ Powerline Interface Module and cable, RJ31X cord and jack, manuals, accessory kit, wiring diagram for enclosure door. Part 20A00-8 is English language. For other available languages add language code to part number: *Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)*



**OmniPro II - Board Only**

20A00-21

OmniPro II controller board only. Part 20A00-21 is English language. For other available languages, add language code to part number: *Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)*



**Omni Commercial Controller**

20A00-5

OmniPro II controller with commercial attack-proof enclosure, lock set with two keys, UPB™ Powerline Interface Module and cable, RJ31X cord and jack, manuals.



SAFETY & SECURITY

CONTROLLERS



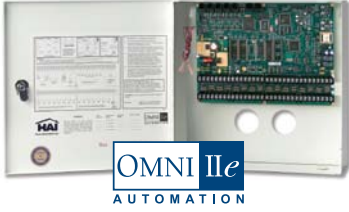
“You guys are hands down the best in the business.”

Woodlands Energy Systems, LLC, Andover, New Hampshire, USA



SAFETY & SECURITY

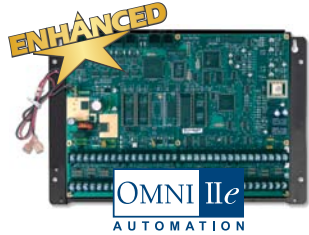
CONTROLLERS



### Omni IIe Controller

20A00-50

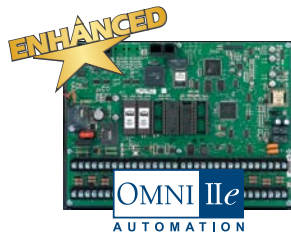
Omni IIe controller with enclosure, lock set with two keys, UPB™ Powerline Interface Module and cable, RJ31X cord and jack, manuals.



### Omni IIe Controller for Structured Wiring Enclosures

20A00-52

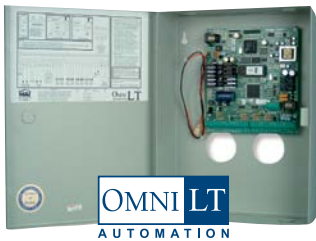
Omni IIe controller on mounting plate for structured wiring enclosures, UPB™ Powerline Interface Module and cable, RJ31X cord and jack, manuals, accessory kit, wiring diagram for enclosure door. Part 20A00-52 is English language. For other available languages add language code to part number: **Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)**



### Omni IIe - Board Only

20A00-53

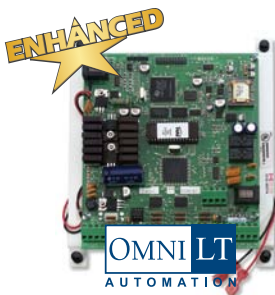
Omni IIe controller board only. Part 20A00-53 is English language. For other available languages add language code to part number: **European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)**



### Omni LT Controller

21A00-1

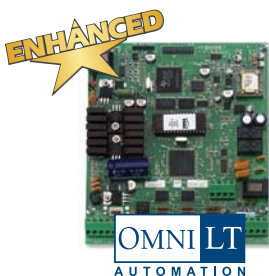
Omni LT controller with enclosure, RJ31X jack and cable, manuals, accessory kit.



### Omni LT Controller for Structured Wiring Enclosures

21A00-11

Omni LT controller on mounting plate for installation in structured wiring enclosures, UPB™ Powerline Interface Module and cable, RJ31X jack and cable, manuals, accessory kit, and wiring label for enclosure door. Part 21A00-11 is English language. For other available languages add language code to part number: **Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)**



### Omni LT - Board Only

21A00-2

Omni LT controller board only. Part 21A00-2 is English language. For other available languages, add language code to part number: **Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)**

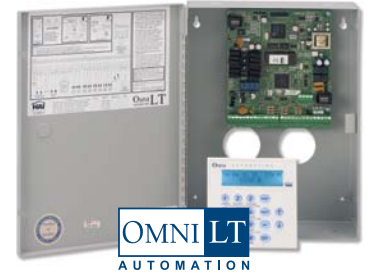




**Omni LT Kit with Surface Console, Case of 6**

Promo9CS

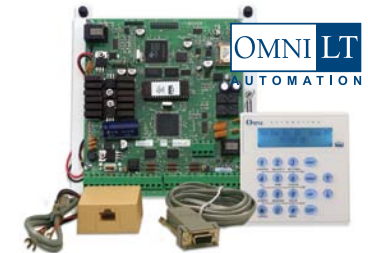
Omni LT controller in enclosure. Includes surface mount console (33A00-1), RJ31X jack & cable, manuals, and accessory kit.



**Omni LT Kit for Structured Wiring Enclosures, Case of 6**

Promo9SCS

Omni LT controller on mounting plate for installation in structured wiring enclosures. Includes surface mount console (33A00-1), RJ31X jack & cable, manuals, and accessory kit.



**OmniPro II Demo w/OmniTouch & HAI Lighting Control**

18A00-13

OmniPro II controller, LCD console with built-in speaker, OmniTouch 5.7 Touchscreen, RC-2000WH Omnistat2 Thermostat, HAI Lighting Control (House Status Switch, Scene Switch, 600W Dimmer), UPB™ Powerline Interface Module with cable, and Voice Module all in a travel case. Demo programs included. For other languages add language code to part number: *Latin American Spanish (SPA), French (FR)*



**Lumina Demo Case**

18A00-14

Lumina controller, LCD keypad w/built-in speaker, OmniTouch 5.7 Touchscreen, RC-2000WH Omnistat2 Thermostat, HAI Lighting Control (House Status Switch, Scene Switch, Mode Switch, 600W Dimmer), UPB™ Powerline Interface Module, and Phase Coupler all in a heavy duty travel case. Demo programs included.



**International Demo Case**

18A00-16

Includes all items from 18A00-13 but with Access Control in place of HLC. Features a universal worldwide power supply. A great demo solution for HAI's international customers. Packaged in a heavy duty black travel case. For other languages add language code to part number: *Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)*



**HAI IP-Based Product Suite Demo Case**

18A00-18

This add-on case connects to any of HAI's other demo cases to demonstrate a variety of IP-based HAI products—including surveillance devices—all at once. Includes: HAI OmniTouch 5.7e Touchscreen, HTX, HAI Camera Server, day/night bullet camera, and 8-port PoE switch. Suitable for international customers.



**Demo Adapter Kit**

18A00-5

Demo adapter board, instructions. For Omni IIe, OmniPro II, Lumina, and Lumina Pro.





SAFETY & SECURITY

CONTROLLER EXPANSION



**16 Zone Hardwire Expander**

**10A06-1**

Terminals are provided for 16 additional zones that can be programmed for burglary, fire, temperature or auxiliary inputs (for use with all HAI home controllers except Omni LT).



**Expansion Enclosure**

**17A00-1**

16 Input/16 Output Expansion Board with enclosure, lock set with two keys, accessory kit, instructions. Reduces wiring use in larger installations (for OmniPro II, Lumina Pro).



**16 Zone/16 Output Expansion**

**17A00-9**

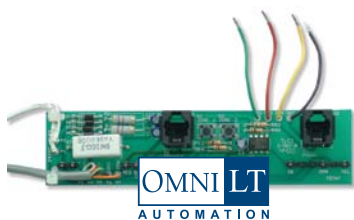
16 Zone Input/16 Output Expansion Board on a universal mounting plate with accessory kit, instructions for installation in structured wiring enclosures (for OmniPro II, Lumina Pro).



**Expansion Board Only**

**17A00-8**

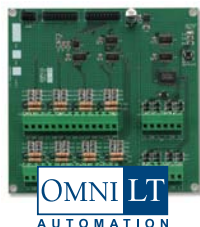
16 Input/16 Output Expansion Board only (for OmniPro II, Lumina Pro).



**Omni LT Demo Adapter Kit**

**27A00-2**

Demo adapter board, instructions. For Omni LT controller.



**Omni LT Expansion Module**

**22A00-1**

This module expands the Omni LT by adding 16 zones and 8 voltage outputs with overload protection and reset. The module comes with mounting hardware and cable to attach to the Omni LT home control system. The 16 zones can be programmed for burglary, temperature, or auxiliary inputs. The 8 outputs have individual overload protection, with overload indicator and reset button (for use with Omni LT only).



**Mounting Plate for Omni LT**

**21A07-2**

Mounting plate, hardware kit & instructions. Used to mount Omni LT controllers for installation in structured wiring enclosures (for use with Omni LT only).





# HAI 2010 New Product Spotlight

## Cellular Communication Center (C3)

70A00-1

HAI's wireless cellular communicator allows phone calls to be made over the GSM cellular network using the existing telephones in your home. The C3 can be used when there is no land line in your home or the land line is temporarily unavailable.

- No programming required!
- Quad Band GSM 850/900/1800/1900MHz
- Functions as either primary or backup phone service
- Monitors land line and switches to cellular if land line is down
- Full telephone line (PSTN) simulation
- Use where land lines are not present
- When tied to a security system, reports to central monitoring station
- Station can call homeowners via the C3 to verify alarm condition
- Supports prepaid GSM SIM cards
- Built-in battery charger automatically charges backup battery
- Full 2W power and remote antenna for superior call quality



8 72257 00433 5



Works with most standard security panels!

MORE ONLINE: [www.homeauto.com/info/c3](http://www.homeauto.com/info/c3)



SAFETY & SECURITY

VOICE



10A11-1

8 72257 00005 4

## Two-Way Voice Module

10A11-1

Talk or listen through the telephone interface either locally or remotely. Have your system announce messages based on events in the house. For example, "guest at door" or "back door open". With a Two-Way Voice Module, Hi-Fi by HAI can broadcast your announcements throughout the house. With the OmniPro II and the Lumina Pro, you may leave a voice message for someone. Includes two-way voice board, mounting material, and instructions. Use with the 33A00-4 console, 33A00-20 keypad, 28A00-1 Surface Speaker/Microphone, or 28A00-2 Flush Speaker/Microphone.



44A01-1

8 72257 00284 3

## Telephone Access Kit

44A01-1

RJ31X cord and jack. Allows access and control of all Lumina and Lumina Pro system functions over the phone. It also enables the system to call up to eight different phone numbers for notification of programmed events at home. Lumina family only. Omni family has telephone access built-in.



28A00-1

8 72257 00056 6

## Surface Speaker Microphone

28A00-1

A speaker and microphone assembly that allows two-way communication with a central station after an alarm, paging and listening from an on-premises or remote phone, annunciation of alarm and zone by voice, and voice messaging when connected to a Two-Way Voice Module, HAI part number 10A11-1. Includes speaker and microphone, surface mount enclosure, instructions.



28A00-2

8 72257 00057 3

## Flush Speaker Microphone

28A00-2

Includes speaker and microphone, flush mount enclosure, instructions.





SAFETY & SECURITY

ACCESSORIES



### Universal Mounting Plate

20A07-2

Mounting plate, hardware kit & instructions. Used to mount HAI's Omni, Lumina, and Hi-Fi main board assemblies, expanders, and accessories for installation in structured wiring enclosures.



### RS-232/RS-485 Serial Board

10A17-1

Allows an HAI controller to be connected to a personal computer or other system to exchange data and commands. The controller can be accessed continuously and in real time through the interface without affecting the operation of the controller. Includes RS-232/485 serial board, accessory kit, 20 pin cable, instructions.



### Four Relay Module Eight Relay Module

10A07-1  
19A00-1

Relay Modules are used to convert HAI voltage outputs to Form C relay contacts for switching pumps, motors, commercial lighting, remote control breakers, and sprinkler systems.



### Hardwired Load Control Module

72A00-1

20 AMP Relay Module that connects directly to voltage outputs on HAI home controllers and expanders and includes a manual override switch. Can control 120, 240, or 277VAC loads. Ideal for lighting control in small commercial environments. Requires 120V and neutral wires.



### Enclosure Lock and Two Keys

21A06-1

Lock for enclosure and pair of matching keys.



### 12V 5AH Battery

44A02-1

Replacement battery for Omni LT and Lumina controllers. For Omni installations, HAI strongly recommends the use of a 7AH battery.



### 24V 40VA Transformer

44A03-1

Replacement transformer for Omni (excluding LT) and Lumina controllers. Included in all Lumina packages.





**Omni Ite Chip Upgrade  
20A04-50UPG**



8 72257 00289 8

**Omni LT Chip Upgrade  
21A03-1UPG**



8 72257 00041 2

**Omni II Chip Upgrade  
20A04-1UPG**



8 72257 00030 6

**Chip Upgrades**

EPROM chip upgrade with installation instructions (*for the latest version*). Not required for flash updatable controllers. Specify chip part number suffix when ordering.

**20A04-chipcodeUPG**



**OmniPro II Chip Upgrade  
20A04-2UPG**



8 72257 00031 3

**Lumina Pro Chip Upgrade  
20A04-22UPG**



8 72257 00288 1

**Spanish OmniPro II Chip Upgrade  
20A04-42UPG**



8 72257 00384 0

**Lumina Chip Upgrade  
20A04-21UPG**



8 72257 00287 4

**21A05-2**



8 72257 00042 9

**Serial PC Cable**

**21A05-2**

7 foot cable, modular to DB-9F - connects controller serial ports to computer RS-232 serial port for use with PC Access, Web-Link II and Home Control for Windows® Media Center.



**36A05-2**



8 72257 00115 0

**UPB™ Powerline Interface Module to Computer Cable 36A05-2**

7-foot cable, modular to DB-9F—connects HAI UPB™ Powerline Interface Module to computer RS-232 serial port for use with UPStart software. UPStart may be downloaded for free from HAI's website.



**36A05-4**



8 72257 00243 0

**Serial Connectivity Cable**

**36A05-4**

7-foot cable, modular to DB-9M - connects controller to serial ports for Russound, NuVo, RadioRA, CentraLite, Jandy.



**64-Zone Wireless Receiver****45A00-1**

433 MHz for use in domestic and international installations. Allows up to 64 unique wireless security transmitters to report information to an HAI controller. The wireless transmitters replace wired door and window sensors, as well as wired, motion and glassbreak detectors. Includes Receiver Signal Strength Indicator (RSSI) capability, indicating signal strength of the transmitter as good, fair, or poor. That information is stored in the HAI home control system and can be accessed from any HAI console, OmniTouch Touchscreens or PC Access. This information is important to an installer to ensure optimum placement and performance of the transmitters and receivers.

**Glass Break****61A00-1**

The 61A00-1 Wireless Glassbreak Detector is an omnidirectional acoustic sensor and wireless transmitter. It is used for detecting the sound of breaking glass, providing 360° of coverage. Requires an HAI 64 Zone Wireless Receiver (HAI part #45A00-1).

**Quad Pet Immune Motion Detector****47A00-1**

Quad Pet Immune Motion Detector that greatly reduces false alarms. Includes Quad Pet Immune Motion Detector with wall and ceiling mount hardware, battery, instructions. Requires an HAI 64 Zone Wireless Receiver (HAI part #45A00-1).

**Four-Button Wireless Keypad****69A00-1**

May be programmed to control any HAI Omni or Lumina home control system feature, such as lights, temperatures, macros, and the security features of an Omni family home control system. Requires an HAI 64 Zone Wireless Receiver (HAI part #45A00-1).

**Four-Button Keyfob****48A00-1**

Can be programmed to control any HAI controller feature, such as lights, temperatures, macros, and security. Includes instructions. Requires an HAI 64 Zone Wireless Receiver (HAI part #45A00-1).

**Panic/Alert Pendant****50A00-1**

Can trigger outgoing phone calls up to 8 different numbers, an e-mail notification, or video surveillance recording. Includes Panic/Alert pendant with lanyard, battery, and instructions. Requires an HAI 64 Zone Wireless Receiver (HAI part #45A00-1). Some features may require additional equipment.







**Door/Window Transmitter**

46A00-1

3 Zone Door/Window Transmitter with a mercury tilt switch for garage doors. Includes Door/Window 3 Zone transmitter with tilt switch, magnet, mounting hardware, battery, instructions. Requires an HAI 64 Zone Wireless Receiver (HAI part #45A00-1).



**Driveway Sensor**

63A00-1

Senses vehicle movement using Earth's magnetic field. Excellent value-add sensor in larger installations. No digging required. Unobtrusive, convenient mounting options: stake or post. Strong, reliable RF signal. Requires an HAI 64-Zone Wireless Receiver (45A00-1)



**HAI  
COMING  
SOON!**



**Mini Contact**

58A00-1

The 58A00-1 Mini Door/Window Transmitter is a miniature (1.7" H x 1" W x .65" D) supervised wireless transmitter that comes with a case tamper switch, wall tamper switch, and a replaceable Lithium battery. The 58A00-1 is a single zone miniature version of the existing 46A00-1 Three Zone Door/Window Transmitter. Requires an HAI 64 Zone Wireless Receiver (HAI part number 45A00-1).



**Vanishing Contact**

57A00-1

The 57A00-1 Vanishing Door/Window Transmitter is an ultra-thin (1.5" H x 1" W x .38" D) supervised wireless contact. It has beveled edges that vanish into any décor. It also features a bypass button that allows you to manually bypass the transmitter, which automatically restores when the magnet is replaced. Requires an HAI 64 Zone Wireless Receiver (HAI part number 45A00-1).



**Wireless Recessed Door Contact**

56A00-1

This recessed supervised wireless transmitter is used for the protection of doors and windows in installations where the contact must be totally hidden. The transmitter is concealed within the door or window frame for virtual transparency. It is supplied with a replaceable lithium battery that lasts for 5 years under normal conditions. Requires an HAI 64 Zone Wireless Receiver (HAI part number 45A00-1).



**Wireless Receiver for GE InterLogix**

42A00-2

64 Zone wireless receiver, with LED display for GE/ITI/Caddx transmitters. Works only with GE compatible sensors, not HAI Wireless Products.





## HAI Surveillance: The power of knowing

Imagine being able to confirm the security and safety of your home in an instant. When the front door bell rings or motion is detected in the pool area, the video feed can appear on a Touchscreen or TV in your home. View surveillance video of the front door, nursery, or pool area.

On vacation and concerned about the safety of your home? Want to check up on children, elderly relatives, or pets from your office? HAI's surveillance video may be viewed remotely on a Smartphone/PDA, or via Snap-Link on any Internet-connected computer in the world. Even use HAI's Network Digital Video Recorder to record video based upon time, event, or motion. View recorded video at your convenience.



COM  
MER  
CIAL

### Network Digital Video Recorder (NDVR)

68A00-1

HAI's 4-Channel NDVR is the perfect tool to monitor property and record video. See who is at the front door, activity at the pool, or check specific rooms while home or away. Connects to any analog surveillance camera. View cameras over the Internet on a Windows-based PC. Not compatible with the HAI OmniTouch 5.7e Touchscreen.



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COM  
MER  
CIAL

### Universal Mounting Plate Kit for NDVR

68A04-1

Includes hardware kit, and instructions. Used to mount NDVR (68A00-1, sold separately) for installation in structured wiring enclosures.



8 72257 00426 7

NDVR not included



COM  
MER  
CIAL

### Universal Mounting Plate Assembly for NDVR

68A04-2

Camera Power Supply mounted on backplate. Includes hardware to mount NDVR (68A00-1, sold separately) for installation in structured wiring enclosures.



8 72257 00445 8

NDVR not included



# HAI 2010 New Product Spotlight

## HAI Camera Server

87A00-1

The HAI Camera Server is designed for a variety of convenient security applications including viewing cameras on HAI's OmniTouch 5.7e and OmniTouch 10p Touchscreens, on a handheld mobile device, or via the Internet for remote monitoring.

- Converts analog camera video to IP output
- View surveillance video via mobile device or Internet
- High quality encoding up to 640x480 resolution
- Watch camera video on HAI's IP-based Touchscreens
- Can be applied stand-alone or with an HAI home control system
- Features PTZ and audio support



MORE ONLINE: [www.homeauto.com/info/cameraserver](http://www.homeauto.com/info/cameraserver)



SAFETY & SECURITY

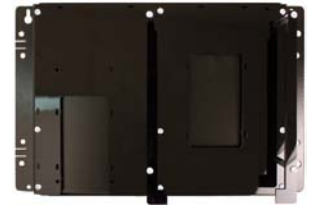
SURVEILLANCE



## Universal Mounting Kit for HAI Camera Server

87A04-1

Includes hardware kit, and instructions. Used to mount HAI Camera Server (87A00-1, sold separately) for installation in structured wiring enclosures.



## Universal Mounting Plate Assembly for HAI Camera Server

87A04-2

Camera Power Supply mounted on backplate. Includes hardware to mount HAI Camera Server (87A00-1, sold separately) for installation in structured wiring enclosures.



## Day/Night Bullet Camera

68A02-1

1/3" CCD sensor; high resolution—550 TV lines (color), 600 TV lines (B/W); day/night function with ICR; 3.8~9.5mm, DC auto iris; 0.1 Lux (color), 0.01 Lux (B/W), 0.002 Lux (DSS On); 36 IR LEDs; separate camera control board: on-screen display menu, service monitor output; 12VDC/24VAC dual voltage; aluminum housing (weatherproof); aluminum bracket (wire feed-through); power supply required, available from HAI.



## Indoor Dome Camera

68A01-1

High resolution: 550 TV lines; 0.1 Lux (normal), 0.002 Lux (DSS on); separate camera control board: on-screen display menu, service monitor output; 12VDC/24VAC dual voltage; 4" polycarbonate bubble; 3-axis gimbal; flush mount housing with surface mount plate in a single package; ivory plastic housing; compact size; power supply required, available from HAI.





SAFETY & SECURITY

ACCESS CONTROL



### HAI Access Control: Total control

HAI's Access Control product family consists of a proximity card reader and accessories that connect to an HAI home control system. The reader has durable and scratch resistant polycarbonate housing. Full epoxy potting ensures successful operation even in harsh environments. It has simplified wiring for residential or small commercial use. Everything between the controller and the readers go over a single four-conductor or Cat-5 wire, including power.

The reader incorporates an input for a push to exit button and an output for an electric door strike or magnetic lock. It can be mounted to a door frame (mullion) or to any flat wall surface. The two-color LEDs (green and red) and Piezo sounder on the reader can be customized to provide individual feedback to the user.

Each card is attached to a user code in the HAI Omni or Lumina family controller which can be managed with specific privileges. Users can be granted privileges based on time of day and day of week, and access can be restricted to specific readers.

Each swipe can perform as many actions as desired and these results can be customized by time of day, arming condition, or any other event the HAI home control system is monitoring. Because each card or Keytag is tied to a specific user, all of the actions can also be customized for each individual user.

HAI also offers an Access Control Keypad that is weatherproof and vandal resistant. It connects via the serial port on an HAI home control system.

HAI Access Control cards can be tied in to any home automation functions that the HAI Omni or Lumina family controller is capable of including lighting, energy management, surveillance, and audio.



Access Control Card, Pack of 10

78A00-1 

125 KHz credit card size 1.7mm thick high security proximity card with fully encrypted format stored on the card. Thin, flexible, and light enough to be carried in a purse or wallet. Preprogrammed at the factory with a unique encryption code. Provides a read range up to 4".



Access Control Key Tag, Pack of 10

78A00-2 

Very small (only 4 grams) 125 KHz high security digitally encrypted proximity key tag. Hole for a key ring or chain. Pre-programmed at the factory with a unique encryption code. Small and durable enough to fit on a key ring. Provides a read range up to 2".





# HAI 2010 New Product Spotlight

## Power Hub in Enclosure Power Hub for Structured Wiring Enclosures

83A00-1  
83A00-2

General purpose 12VDC power supply mounted in enclosure (83A00-1). Designed to provide power to several HAI products, including HAI Access Control Readers with electric or magnetic locks, Omni consoles, OmniTouch 5.7 Touchscreens, and many other devices. The HAI Power Hub provides battery backed power for connected devices. Convenient connections and power terminals for a neat installation. Designed to eliminate unsightly transformers, power strips, external power supplies, battery backup units, and complex wiring normally associated with access control installations.



- Up to five (5) Amps total
- Connectors for two sealed batteries, 12V @ 4-8 Amp-hours each (not supplied)
- Power for eight HAI Access Control Readers (#75A00-1, with electric and magnetic locks)  
OR eight Omni Consoles and/or OmniTouch 5.7 Touchscreens  
OR four HAI Access Control Readers (#75A00-1, with electric and magnetic locks) and four Omni Consoles and/or OmniTouch 5.7 Touchscreens



## Access Control Card Reader

75A00-1



125 KHz high security, digitally encrypted, 26-Bit proximity card reader that connects to a serial port on an HAI Home Control System. The reader has durable and scratch resistant polycarbonate housing. Full epoxy potting ensures successful operation even in harsh environments. The 75A00-1 can be mounted to metal door frame (mullion) or to any flat wall surface. Two-color LED (green and red) and Piezo sounder guarantee accurate reliable door access operations.



## Access Control Keypad

54A00-1



Weatherproof and vandal resistant piezoelectric keypad designed to interface with HAI home controllers. Buttons work simply by tapping the surface. Sleek keys of the outdoor keypad can be operated with a bare finger or a snow-covered glove. Stainless steel outdoor keypad, cable assembly, instructions. Connects via serial port on HAI controller (does not use console/keypad port on console bus). Multiple keypads can now operate on a single serial port.



## 12VDC Electric Door Strike (Fail Secure)

79A00-1



When used with 75A00-1 Access Control Reader, this door strike securely locks and unlocks a door without the need of a key. Allows the door to be locked when closed, but can be automatically unlocked by the system, or manually unlocked with a key. 12VDC Fail-Secure device, which means the door unlocks when power is connected (i.e. the door is locked when power fails).



SAFETY & SECURITY

ACCESS CONTROL



## SPECIFICATIONS

### Access Control Capacities

	OmniPro II	Omni IIe	Omni LT	Lumina Pro	Lumina
Card Reader	16	4	0	16	4
Access Card/Key Tag	99	16	0	99	16

### Access Control Wiring Requirements

The 75A00-1 requires four wires for operation (two for power and two for communication). The maximum distance between the 75A00-1 and the connected 12V Power Supply or HAI 83A00 Power Hub is based on two factors: 1) the current draw of the connected door lock

device, and 2) the wire gauge/type used. To maintain proper operation of the 75A00-1 and the connected door lock device, do not exceed the "Maximum Cable Length" based on the Total Current Draw and the Wire Gauge/Type per the table below.

### 75A00-1 and 79A00-1 Electric Door Strike (450mA): 600mA Maximum

Wire Gauge	Wire Type	# Positive Conductors	# Ground Conductors	Max Cable Length (feet)
24	solid	1	1	233
24	solid	2	2	466
24	solid	3	3	699
22	solid	1	1	413
22	solid	2	2	826
22	stranded	1	1	381
18	solid	1	1	1000
18	stranded	1	1	963
16	solid	1	1	1000
16	stranded	1	1	1000





## SPECIFICATIONS

### Access Control Wiring Requirements (continued)

#### 75A00-1 and Door Lock (800mA): 950mA Maximum

Wire Gauge	Wire Type	# Positive Conductors	# Ground Conductors	Max Cable Length (feet)
24	solid	1	1	37
24	solid	2	2	74
24	solid	3	3	110
22	solid	1	1	65
22	solid	2	2	130
22	stranded	1	1	60
18	solid	1	1	165
18	stranded	1	1	152
16	solid	1	1	262
16	stranded	1	1	242

#### 75A00-1 and Door Lock (1A): 1.15A Maximum

Wire Gauge	Wire Type	# Positive Conductors	# Ground Conductors	Max Cable Length (feet)
24	solid	1	1	30
24	solid	2	2	61
24	solid	3	3	91
22	solid	1	1	54
22	solid	2	2	108
22	stranded	1	1	50
18	solid	1	1	136
18	stranded	1	1	126
16	solid	1	1	217
16	stranded	1	1	200

Note: If cable with multiple conductors is used (such as Cat-5 cable), it is possible to connect multiple conductors together to achieve greater distance.



“Absolutely the best products hands down...  
I’d put every product up against the competition.”

*Time Direct, LLC, Aurora, Colorado USA*



# ***ENERGY MANAGEMENT***

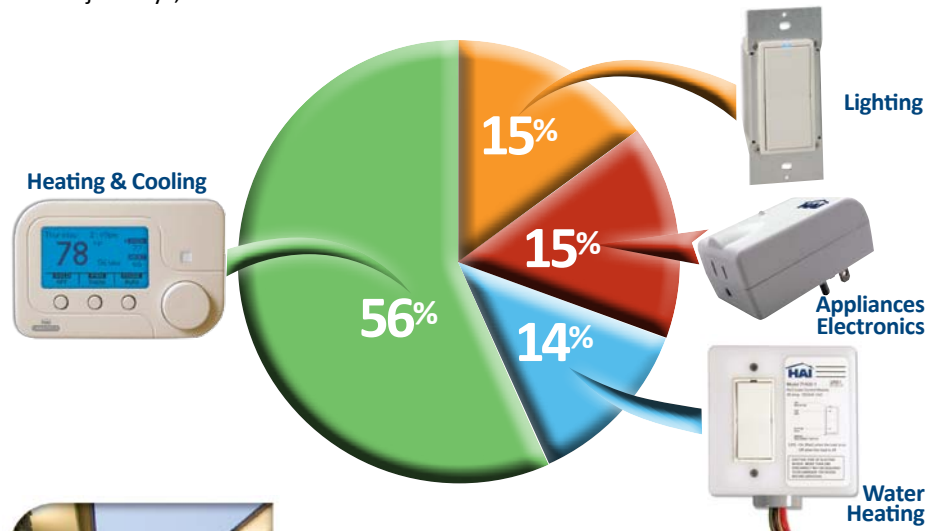






### Cover 100% of Your Energy Management Needs

HAI products make your home more energy efficient. Save energy in each category of consumption. According to the U.S. Department of Energy, home energy is consumed in four major ways, all of which can be monitored and controlled via HAI.



The Lumina family of home control systems' primary focus is to save money with sophisticated lighting and temperature control. They can also be tied into a security system.



When used with an HAI home control system, the HAI Omnistat2 line of programmable communicating thermostats and temperature sensors add energy efficiency to your home by adjusting temperatures based on activity such as home or away.



Your HAI home control system can turn off lights, water heaters and pool pumps when the house is unoccupied. Additionally, you can control ceiling and ventilation fans for comfort and energy efficiency.



HAI's home control systems provide remote access via telephone and Internet, so you may monitor and adjust the temperature or lighting levels of your home anytime.



# HAI Lumina Energy Management Systems

The Lumina Pro and Lumina home control systems provide comprehensive home automation like the Omni family systems. The Lumina family systems are primarily intended as lighting control and energy management systems. Lumina systems do not include a security system but can easily tie into a security system if desired.

## SPECIFICATIONS

### Lumina Control Systems



Rooms	31	8
Loads (lights)	250	64
House Status Switches	31	8
Max Keypads	16	8
* Max OmniTouch 5.7	15	7
Max IP Touchscreens (10p/5.7e)	16	16
Thermostats	64	4
Access Control Card Readers	16	4
Access Control Card/Key Tag	99	16
Audio Control	Hi-Fi/Conn Ptnrs	Hi-Fi
Flash Memory	Yes	Yes
Inputs (with expansion)	16 (176)	16 (48)
Multipurpose Outputs (with expansion)	10 (136)	10
** Ethernet Port	Yes	Yes
Serial Ports (w/ expansion)	5 (6)	5 (6)
Programming Lines	1500	500
Vocabulary	550	550
Customizable Vocabulary	Yes	No
Depluggable Terminal Strips	Yes	Yes
16 Zone Hardwire Expanders (10A06-1) Supported	2	2
Expansion Enclosures (17A00-X) Supported	8	0
*** 64 Zone Wireless Receivers (45A00-1 or 42A00-2) Supported	2	1
110/220/240VAC	Yes	Yes
UL Listed	Yes	Yes
Warranty	3 Years	2 years

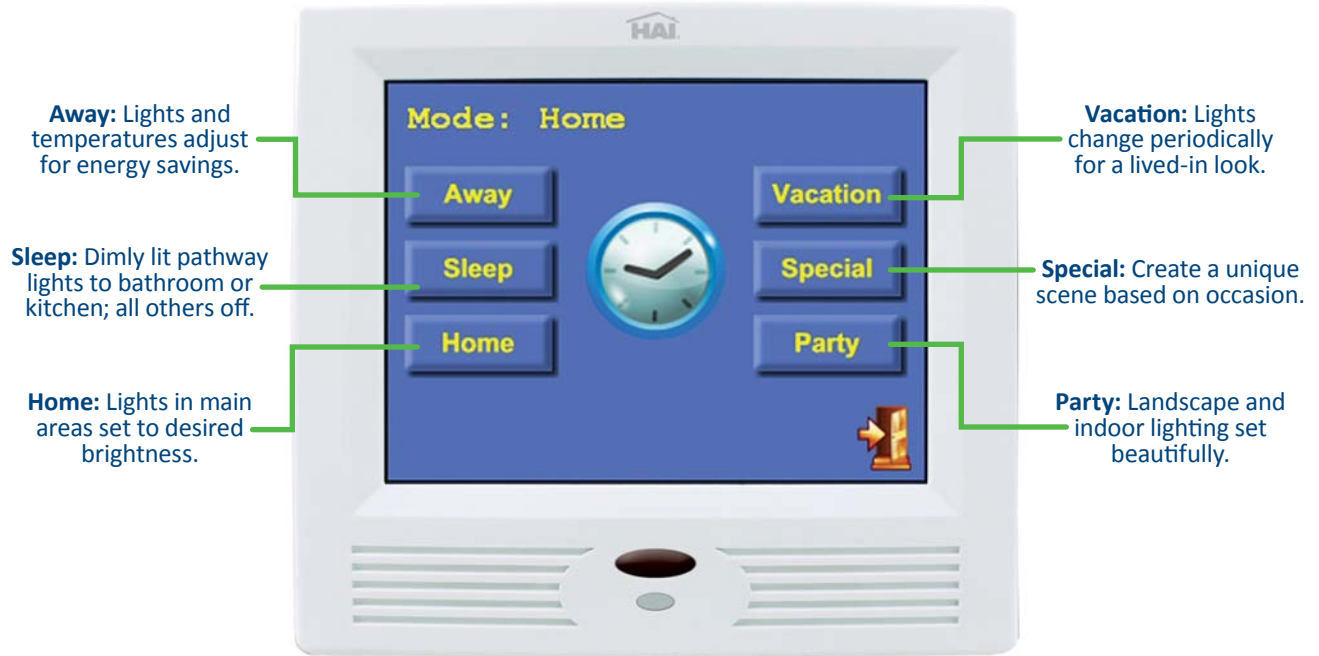
\* Each OmniTouch 5.7 Touchscreen uses one keypad address. Recommend 32A30 Touchscreen Hub for 3 or more OmniTouch 5.7 Touchscreens.

\*\* One serial port used for UPB™ Powerline Interface Module.

\*\*\* Wireless Receivers can support 64 Transmitters and can report to 16, 32, 48, or 64 zones, depending upon your setup. Each group of 16 zones counts as one expansion enclosure.



### HAI Lumina Mode Screen



#### Lumina Pro Energy Management Controller 44A00-2



Supports 31 rooms (250 lights). Includes Ethernet port, controller in enclosure with lock & keys, LCD keypad, UPB™ Powerline Interface Module & cable, phase coupler, serial cable, transformer & battery, manuals, and accessories.



#### Lumina Energy Management Controller 44A00-1



Supports 8 rooms (64 lights). Includes Ethernet port, controller in enclosure with lock & keys, LCD keypad, UPB™ Powerline Interface Module & cable, phase coupler, serial cable, transformer & battery, manuals, and accessories.



#### Lumina Mode Switch 38A00-3

38A00-3



This six-button keypad allows you to press one button—Sleep, Home, Vacation, Away, Party, or Special—to initiate a program for preset lights, temperature, and audio for the entire home. White bezel standard. Color Change Kit available. Grey wallplate shown, not included. Uses standard Decora-style wallplate. Lumina family only.





# HAI lighting control™



Dim lights as movie begins, using the convenient remote control.



Set the mood for entertaining with the push of a button.



Front door and driveway lights come on at dusk and turn off at a set time to save energy.



Expansion is easy! Add a table lamp or small appliance with a plug-in module.

## HAI Lighting Control Systems

The HAI Lighting Control (HLC) product line is designed for 110VAC applications and includes dimmers, switches, remote controls, and plug-in modules. HLC can operate stand-alone or with an Omni or Lumina controller. You can enhance the enjoyment and value of your home, add security for peace of mind, and contribute to savings on your energy bill all at once with HLC.

The Home Lighting Control Alliance reports that dimming your lights by 25% saves 20% of the energy used and extends bulb life by ten times. Dimming your lights by 50% saves 40% in energy and extends bulb life by 20 times. HLC can automatically set lights to any percentage, saving you money every time a light is turned on.

### Easy Setup and Use—The Smart Switches!

HLC switches feature true rocker action. Press and hold to brighten or dim. Press up to turn on. Press down to turn off. Homeowners can easily change scene settings at any time without a service call.

Because HLC is a modular system, rooms and lights can be added anytime, updating as your needs change. For retrofits or expansion, existing light switches can be replaced with HLC *smart* switches and lamp control modules can be added for accessory lighting.

### Matches Your Style

Most switches accommodate standard Decora-style wallplates for unlimited faceplate options. A full range of switch colors, including almond, black, brown, grey, ivory, light almond, and white, are available.

LED indicator lights at the top of the switches can be programmed to glow blue, red, magenta, or turned off entirely. Scene Switches and House Status Switches can even feature custom laser engraved buttons.

### No Need to Re-Wire

HLC can be used in new or existing homes that have standard electrical wiring. HLC utilizes Generation II UPB™ (Universal Powerline Bus), a digital communications standard for lighting and home control that ensures superior reliability.



California Title 24 Compliant





**600W UPB™ Dimmer Switch (1)  
600W UPB™ Dimmer Switches (12)**

**35A00-1 110V  
35A00-1CS**

Used for controlling and dimming lighting loads up to 600 watts. Includes a white paddle, connectors, instructions. Color Change Kit available. Uses standard Decora wallplate (not included).



**600W UPB™ Non-Dimming Switch (1)  
600W UPB™ Non-Dimming Switches (12)**

**35A00-3 110V  
35A00-3CS**

Used for controlling non-dimming loads, such as fluorescent lights, up to 600 watts. Includes a white paddle, connectors, instructions. Color Change Kit available. Uses standard Decora wallplate (not included).



**500W CFL Switch (1)  
500W CFL Switches (12)**

**35A00-1CFL 110V  
35A00-1CFLCS**

Controls compact fluorescent light bulbs providing the equivalent of 1500 watts of incandescent brightness. White color. Color Change Kit available. Uses standard Decora wallplate (not included).



**15A Relay Switch (1)  
15A Relay Switches (12)**

**40A00-1 110V  
40A00-1CS**

For controlling heavier loads (up to 15 amps) or motors, such as ceiling fans, that may hum when used with dimming or non-dimming switches. White color. Color Change Kit available. Uses standard Decora wallplate (not included).



**Auxiliary Switch (1)  
Auxiliary Switches (12)**

**37A00-1 110V  
37A00-1CS**

Remotely operate 35A00, 40A00, and 55A00 dimmers and switches; connectors, instructions. White color. Color Change Kit available. Uses standard Decora wallplate (not included).

**Switch Color Change Kit (12 count)**

**35A14-color codeCS**

Paddle, bezel assembly for 35A00, 37A00 and 40A00 series switches. Part number example: 35A14-ALCS.

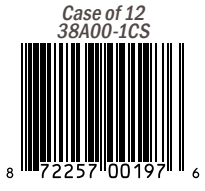




**110%** Scene Switch, 6-Button (1)  
Scene Switches, 6-Button (12)

38A00-1  
38A00-1CS

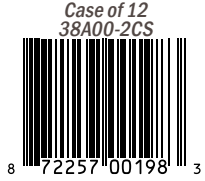
Control all lights in a room or area. Lights may be turned on or off, dimmed, brightened, and set to four different scenes. Setting a scene is as simple as pressing the scene button on the Scene Switch five times. Has infrared receiver for use with Scene Switch Remote Control. Includes White bezel, connectors, instructions. Color Change Kit and custom engraving available.



**110%** House Status Switch, 8-Button (1)  
House Status Switches, 8-Button (12)

38A00-2  
38A00-2CS

This master lighting control shows the status for up to eight rooms. If any light is on in an integrated room, the button for that room is illuminated. Pressing the room's button will turn on or off all of the lights in that room. Includes White bezel, connectors, instructions. Color Change Kit and custom engraving available.



**110%** Table Top Scene Switch and Cradle 38A16-colorcode  
Cradle Only 38A15-colorcode

Table mount the Scene Switch (38A00-1), House Status Switch (38A00-2), or Lumina Mode Switch (38A00-3). Conveniently locate throughout the home (bedside nightstand, the desk in a home office, next to a favorite chair). Plug directly into electrical outlet with six foot cord. Scene Switch sold separately or 38A16 includes both cradle and switch. Specify color code when ordering.

Switch & Cradle, Black  
38A16-BL



Switch & Cradle, White  
38A16-WH



Cradle Only, Black  
38A15-BL



Cradle Only, White  
38A15-WH



Custom Legend Kit for Scene/House Status Switches 38A06-2

Coupon and instructions for custom laser engraved buttons for 6 Button Scene Switch or 8 Button House Status Switch. Mail in coupon, receive custom button overlay by mail. Customized Scene Switches make creating an ambiance easy. Select "Task Lighting", or "Romantic Evening" to set the proper mood. Customizing House Status Switches is fun as well. "Sue's Bedroom", "Master Bath" and "Back Porch" allow for ultimate control of every room. Create your own!

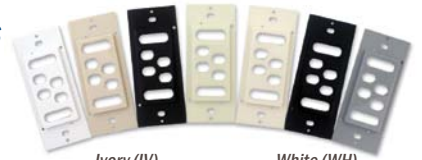




**Scene Switch & Lumina Mode Switch Color Change Kit (12 count)**

**38A04-color codeCS**

Bezel for 38A00-1 or 38A00-3, instructions. Part number example: 38A04-ALCS.



**House Status Switch Color Change Kit (12 count)**

**38A05-color codeCS**

Bezel for 38A00-2, instructions. Part number example: 38A05-ALCS.



**38A14-1**

**Scene Switch Remote**

**38A14-1**



Works with HAI's Scene Switch. Controls all lights in a room or area. White color.



**71A00-1**

**HLC Load Control Module**

**71A00-1**



30A module utilizing Generation II UPB™ (Universal Powerline Bus) technology over existing power lines. Can control 120 or 240V loads. Requires neutral wire.



**“Excellent new products are keeping HAI on the cutting edge and make me glad to have chosen HAI to partner with.”**

*My Connected Home, LLC, Ann Arbor, Michigan, USA*



### 1000W UPB™ Dimmer Switch

55A00-1colorcode

Connectors, instructions. Requires its own gang box or must be de-rated. White paddle shown. Wallplate not included. Order switch in desired color. Uses standard Decora wallplate (not included).

Almond 55A00-1AL



Black 55A00-1BL



Brown 55A00-1BR



Ivory 55A00-1IV



White 55A00-1WH



### 1500W UPB™ Dimmer Switch Color-Matched Wallplate

55A00-2colorcode  
55A02-colorcode

With connectors, instructions. Requires a special back box or must be de-rated. Shown in white. Order switch in desired color. Switch uses special-sized wallplate, sold separately (below).

Dimmer Switch, Ivory  
55A00-2IV



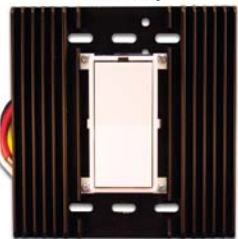
Dimmer Switch, White  
55A00-2WH



Wallplate, Ivory  
55A02-2



Wallplate, White  
55A02-1



### 2400W UPB™ Dimmer Switch Color-Matched Wallplate

55A00-3colorcode  
55A03-colorcode

With connectors, instructions. Requires a special back box or must be de-rated. Shown in white. Order switch in desired color. Switch uses special-sized wallplate, sold separately (below).

Dimmer Switch, Ivory  
55A00-3IV



Dimmer Switch, White  
55A00-3WH



Wallplate, Ivory  
55A03-2



Wallplate, White  
55A03-1



### Phase Coupler (1) Phase Couplers (12)

39A00-1  
39A00-1CS

For 120/240V electrical systems, the Phase Coupler increases the speed and reliability of the HLC system. Although the HLC protocol is extremely robust and less susceptible to power line conditions, HAI recommends the use of a Phase Coupler in every installation.

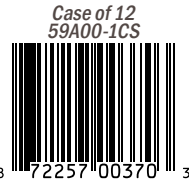
39A00-1



Case of 12  
39A00-1CS



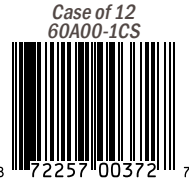




**UPB™ Lamp Module (1)  
UPB™ Lamp Modules (12)**

**59A00-1  
59A00-1CS**

Plug-in Lamp Module controls and dims lamps up to 300 watts.



**UPB™ Appliance Module (1)  
UPB™ Appliance Modules (12)**

**60A00-1  
60A00-1CS**

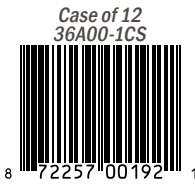
Plug-in Appliance Module controls appliances, fans, and lamps up to 15 amps, general purpose, ½ horsepower.



**UPB™ Powerline Interface  
Module with Cable (1)  
UPB™ Powerline Interface  
Modules with Cables (12)**

**36A00-1  
36A00-1CS**

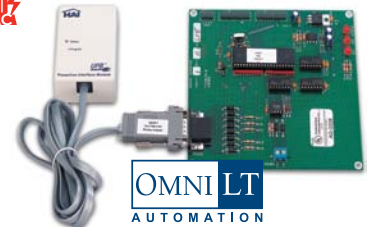
UPB™ Powerline Interface Module (PIM) connects the lighting system to an automation system or computer, which can then control the lights—making the system accessible through the home computer or from a remote location over the Internet.



**HAI Lighting Control (HLC) Expansion Kit for Omni LT**

**36A10-1**

Serial interface, cable and UPB™ Powerline Interface Module to add HLC to Omni LT.



**Two Way X-10 Transceiver Kit**

**10A09-7**

Two Way X-10 protocol power line carrier transceiver, 7 foot cable, instructions. Adds X-10 control to all HAI controllers.



**ALC Interface, 1 Branch  
ALC Interface, 4 Branch**

**25A00-1  
25A00-2**

One branch ALC Hardwire Lighting Control Interface to control Legrand ALC switches (1–31 lights).



Four branch ALC Hardwire Lighting Control Interface to control Legrand ALC switches (1–124 lights).



## OMNISTAT/2

Programmable Communicating Thermostat



Available in white, black, or silver finishes.



Displays energy rates allowing money savings on energy bills if rates change.\*



Monitor your energy costs by specified time.\*

## HAI Programmable Communicating Thermostats

The Omnistat2 programmable communicating thermostat combines HAI's 20 plus years as a leader in energy management to provide sophisticated and intelligent function in an easy to use device.

Omnistat2 can manage electric, gas, geothermal, and radiant heat energy sources. According to the U.S. Department of Energy, 56% of the average home's energy bill is just for heating and cooling. The best way to control your energy cost is by managing your heating and cooling system. Using advanced digital technology, the Omnistat2 "learns" a home's heating and cooling patterns and adjusts control to maximize both HVAC efficiency and comfort. The Omnistat2 automatically adjusts the temperature for you and saves you money!

### A Simple Interface for Ease of Use

Simply turn the scroll wheel to the right or left to adjust the temperature. Three buttons facilitate easy to navigate menus. Display information such as temperature setpoints, modes, outdoor temperature and humidity, run time by week, and more.

### Unique Looks to Suit Your Home

Beyond the three different color options of black, silver, and white, choose from over one hundred customizable backlight colors. Change backlighting from blue to red or any color in between with the turn of the scroll wheel.

### Utility Smart Grid Capability

As more utility companies begin to use smart metering systems, HAI is leading the charge with the Omnistat2. This partnership lets homeowners monitor the home's energy usage with graphs and reports, including real-time energy costs and bills.

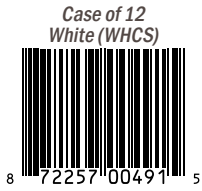
Omnistat2 models include the ability to communicate with your utility company for load shedding applications, and the ability to view real-time current energy bills, graphical displays of energy cost per week, and current energy cost.\*

Advanced interaction between a home and its utility company can result in reduced energy usage and bills for the homeowner. Contact your local utility company to encourage their participation.

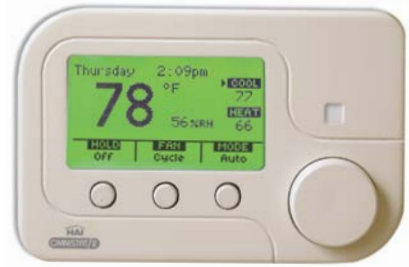
\*These features require participation from utility company and may require additional equipment or upgrades. See HAI Smartgrid Solutions.



Watch the Omnistat2 video online at [www.homeauto.com](http://www.homeauto.com)



**Omnistat2**  
Conventional & Heat Pump (w/Aux)  
RC-1000colorcode



Shown in White (WH) finish. Specify color when ordering.

- Automatic heat/cool changeover
- Filter reminder for peak efficiency
- Digital precise temperature control
- Seven day schedule with copy function
- Fan cycle mode periodically circulates air
- Graphical display of HVAC usage by week
- Eco-friendly design—no batteries to replace
- Indoor sensor averaging with remote sensor
- Multi-color backlight is adjustable at any time
- Choose between Simple or Advanced displays
- Remote and averaged temperature sensors available
- Motion activated backlight turns on when approached
- Temperature readings available in Fahrenheit or Celsius
- Energy Efficient Control (EEC) for heat pump auxiliary heat
- Learns a home's heating and cooling patterns for efficiency
- Communicates with HAI systems and other automation systems
- Settings for Home, Night, Away, and Vacation (with an HAI system)
- Easy to use Vacation mode restores temperatures before your return

Home Status Programming

	HEAT	COOL
DAY	82	78
NIGHT	70	82
AWAY	62	85
VACATION	67	78

Cancel Ok

VACTION HOLD TIME

Hold Cool Setting : 82  
And Heat Setting : 63  
For : 4.0 Days

Cancel Ok Next

**Optional Features:** • Remote access via Internet or telephone • Display outdoor temperature & humidity



**Omnistat2**  
Multistage & Heat Pump w/Humidity Control  
RC-2000colorcode



Shown in Silver (SL) finish. Specify color when ordering.

- All the features of the RC-1000 Omnistat2, plus:
- Humidifier control
  - Dehumidifier control
  - Supports dual fuel systems
  - Humidity sensing and display
  - Supports up to two-stage conventional & two-stage heat pump w/third-stage auxiliary heat



**Thermostat Power Supply Module**

**30A00-2**

Power booster for Omnistat2 thermostats, instructions (may be needed in retrofit applications when "HVAC common" wire is not available). Mounts at furnace.



**Omnistat2 Trim Ring**

**65A18-1**

White Omnistat2 backplate used as a cover-up when retrofitting homes. The Omnistat2 thermostat mounts gently on top, and is easy to install thanks to the properly positioned slots (Omnistat2 thermostat shown but not included).



**Surface Mount Remote Indoor/Outdoor Temp Sensor**

**23A00-1**

Surface indoor/outdoor temperature sensor for Omnistat and Omnistat2 thermostats. Can be used as outdoor sensor for dual-fuel heat pumps.



**Flush Mount Remote Indoor/Outdoor Temp Sensor**

**23A00-2**

For Omnistat and Omnistat2 thermostats. Can be embedded in drywall to become virtually invisible.



**Thermostat Isolation Module**

**29A00-1**

Relay isolation module for Omnistat2 thermostats. Includes mounting clips, instructions (may be needed for HVAC systems using non-standard voltages).



**"I have been using HAI products since the 1503 [controller] and will continue to do so. There really isn't anything on the market that is comparable."**

*Automated Interiors, Douglasville, Georgia, USA*



## HAI controller accessories

These accessory products are specifically designed for use with your Omni and Lumina controllers. Sensors have been enhanced with a special mounting bracket for improved environmental readings—indoor or outdoor.



### Water Temperature Sensor

14A00-8

Module, probe, accessories, instructions. Allows you to monitor and activate programs based on water temperature. Can be used for pools, spas, aquatic ponds, fish tanks, greenhouses, etc.



### Extended Range Indoor/Outdoor Temperature Sensor for HAI Omni/Lumina Controllers

31A00-7

Sensor from -40° to 120°F, accessory kit, instruction sheet. Allows you to monitor and activate programs based on temperatures. Can be used outdoors, in attics, basements, wine cellars, etc. Must be connected directly to the HAI controller using a four conductor wire. For enhanced accuracy, it may be calibrated after installation. Includes mounting bracket.



### Extended Range Indoor/Outdoor Temperature & Humidity Sensor for HAI Omni/Lumina Controllers

31A00-8

Sensor from -40° to 120°F and humidity sensor, accessory kit, instruction sheet. Must be connected directly to the HAI controller using a four conductor wire. For enhanced accuracy, it may be calibrated after installation. Includes mounting bracket.



### Freeze Watch Sensor

26A00-5

Sensor from -40° to 120°F. Also includes separate isolated contacts with snap action switch designed to activate heating circuit at 42°F. Use as backup to activate heat in areas prone to damage by freezing.



### PESM

1101A

Used to override existing thermostats for set-back control or for sensing and controlling other temperatures, such as attic fans, garage fans, greenhouses, basements, wine coolers, humidors, etc.





ZigBee®

The ZigBee® Home Automation Public Application Profile establishes a standard approach for wireless home automation products worldwide, eliminating the need for proprietary technology. Home automation solutions can now take advantage of a consistent wireless communication technology which offers unprecedented benefits in operational reliability, control, convenience, and security.



ZigBee Interface Module for HAI Omni & Lumina Controllers

81A00-3ZB



Wireless interface and coordinator for ZigBee home automation profile products. Plugs into serial port on HAI Omni or Lumina family controller and allows control of HAI Wireless Energy Management Components. Display helps set up and installation of wireless systems. Uses ZigBee Home Automation Profile. Six foot cable included. Powered by the HAI Omni controller.



Shown in Silver (SL) finish Specify color when ordering.

Omnistat2 Wireless Multistage & Heat Pump w/Humidity Control

RC-2000colorcodeZB

All the features of the RC-2000 Omnistat2, plus ZigBee transceiver.



Shown in White (WH) finish Specify color when ordering.

Omnistat2 Wireless Single-Stage Conventional & Heat Pump (w/Aux Heat)

RC-1000colorcodeZB

All the features of the RC-1000 Omnistat2 plus ZigBee transceiver.





**MicroControl**

Tabletop, bedside, or wall mount display and control for selected HAI controller, Omnistat2, and Load Control Module functions. Comes with two-way RF transceiver and plug-in power supply. Uses ZigBee Home Automation Profile.

**81A00-2WHZB**



**30A Wireless Load Control Module**

Wireless controls for water heaters, pool pumps, outdoor fountains, lighting, and more. Ultra low stand-by power. Universal 96-250 VAC and 50/60 Hz. Can be used outdoors. ZigBee transceiver.

**73A00-3ZB**



**5A Wireless Load Control Module**

Controls low voltage circuits in outdoor air conditioning units, pool and spa heaters & pumps, generators, and more. Ultra low stand-by power. Universal 96-250VAC and 50/60Hz. Can be used outdoors. ZigBee transceiver.

**73A00-4ZB**



**15A Plug-in Load Control Module**

Perfect for appliances, fans, and lamps up to 15A, general purpose. ½ horsepower. 120VAC/60hz. ZigBee transceiver.

**89A00-1ZB**



**300W Plug-in Lamp Module**

Plug-in dimmer controls lamps up to 300W. 120VAC/60hz. ZigBee transceiver.

**88A00-1ZB**





# ENTERTAINMENT







## Integrate Your Media With the Rest of Your Home

Over the years, HAI has continued to expand its home automation offerings into the entertainment market with innovative products that make whole home audio and home theater more than just a convenience, but an experience. Working in tandem with your HAI home control system, these entertainment products further enhance the homeowner's lifestyle, whether relaxing with the family or hosting a social event.



Hi-Fi by HAI is a revolutionary multi-room audio system that plays music and announces messages throughout your house. Listen to music from your computer as you relax on the patio. Use a Touchscreen to change songs or adjust volume without leaving the comfort of your lawn chair. With Hi-Fi by HAI, you have the ability to listen to different sources at the same time at different volume levels throughout your home. Or set all zones to the same source and volume. Hi-Fi comes standard as a four zone, four source kit, and is expandable to eight zones, six sources.



The HAI Music Gateway stores thousands of songs and can be controlled from an Ethernet-enabled OmniTouch Touchscreen such as the OmniTouch 5.7e or the OmniTouch 10p. HAI's Music Gateway is a music server/renderer with 3 independent stereo channels for listening to different songs at once in different areas of a home. Use an HAI Touchscreen to select music by artist, title, genre, or playlist. View album art and other meta-data; Fully integrate with Hi-Fi by HAI or other multi-room audio systems. The Music Gateway can be hidden away in a closed structured wiring cabinet.



The HAI Home Theater Extender (HTX) lets you extend your home control to the audio/video equipment in your home theater. The HTX communicates over Ethernet with an HAI IP-based Touchscreen. Easily add components with the built-in A/V Library of over 300,000 IR codes. The HTX can be used with an OmniTouch 10p stand-alone. This new feature provides the option of control without an HAI home control system. Contact closures can control window coverings, lights, and home theater components.



# Hi-Fi by HAI™



## Hi-Fi by HAI: multi-room audio

Traditional Multi-Room Audio Systems require your music source equipment to be in a central audio rack and many of them require that source equipment to be proprietary brands. Hi-Fi by HAI is revolutionary because it allows you to listen to the music sources you already own—or any brand you purchase later. These sources can be located throughout the house. And with Hi-Fi By HAI a cleaner installation is evident thanks to no unsightly wires running to an audio rack. The audio controller can be tucked away in a closet or basement.

Components of the Hi-Fi by HAI are modular, giving flexibility for expansion as needs change. The base system comes with four zones and four sources, but it can readily be expanded to eight zones and six sources.

Hi-Fi uses Class D digital amplification; accordingly, it runs cool and only gets warm under high volume levels. The zone amplification is 20 watts RMS at 4 ohms per channel and 10 watts RMS at 8 ohms per channel. Two variable outputs (zones 1 and 8) are provided for connection to external power amplifiers and a page/mute input.

ENTERTAINMENT

HI-FI BY HAI



**Hi-Fi by HAI 4 Zone, 4 Source Kit with Enclosure** **62A00-1**

Includes Hi-Fi Main Board Assembly with four installed Zone Amplifier Cards with vented enclosure, four Remote Input Modules, four Volume-Source Controls, Power Supply, one Remote Control (62A05-1), cable for HAI controllers, manuals.



**Hi-Fi by HAI 4 Zone, 4 Source Kit for Structured Wiring Enclosures** **62A00-2**

Hi-Fi Main Board Assembly with four installed Zone Amplifier Cards on Universal Mounting Plate, four Remote Input Modules, four Volume-Source Controls, Power Supply, one Remote Control (62A05-1), cable for HAI controllers, manuals.



**Hi-Fi by HAI Expansion Kit (to 8 zones, 6 sources)** **62A12-1**

Four Zone Amplifier Cards, two Remote Input Modules, four Volume-Source Controls, power supply, manuals.





62A01-1

*Hi-Fi by HAI 4 Zone, 4 Source Main Board Assembly*

62A01-1

Hi-Fi Main Board Assembly with four installed Zone Amplifier Cards.



62A02-1

*Zone Amplifier Card (ZAC)*

62A02-1

Zone Amplifier Card for one stereo zone, instructions.



20A07-2

*Universal Mounting Plate*

20A07-2

Mounting plate, hardware kit & instructions. Used to mount Hi-Fi Main Board Assembly in all structured wiring enclosures.

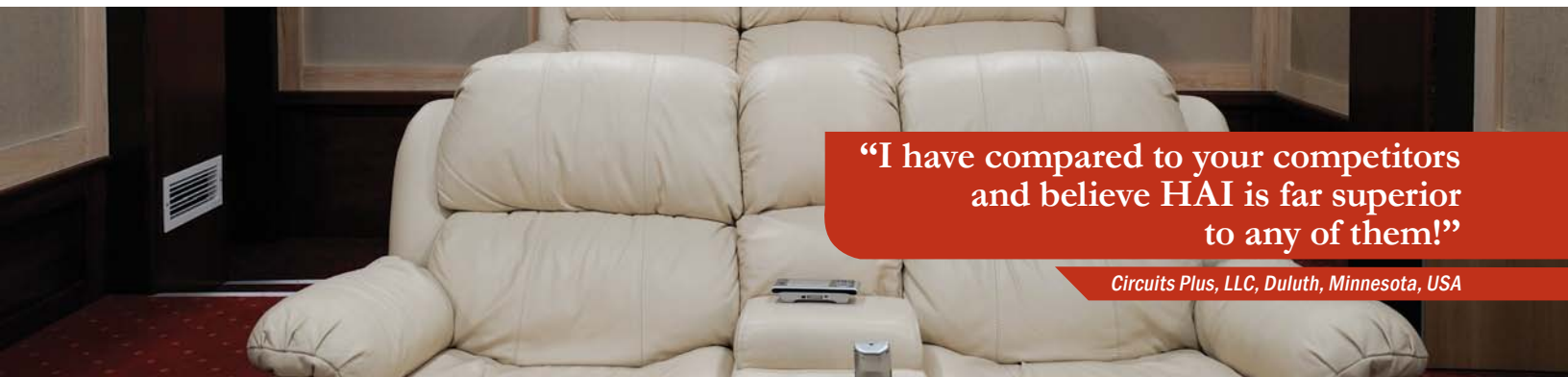


62A09-1

*Vented Enclosure*

62A09-1

Enclosure for Hi-Fi with vents, door latch mounting plate, hardware kit and instructions.



**“I have compared to your competitors and believe HAI is far superior to any of them!”**

*Circuits Plus, LLC, Duluth, Minnesota, USA*



**Volume-Source Control (VSC)**

**62A03-1**

White rotary volume control with push source selection and IR receiver. Includes White Wallplate. Almond, Black, and Ivory colors are available through VSC Color Change Kits.

62A03-1



**VSC Color Change Kits (Case of 12)**

**62A11-1colorcodeCS**

Case of 12 wallplates. Specify color code when ordering.

White (WHCS)



Almond (ALCS)



Ivory (IVCS)



Black (BLCS)



Light Almond (LTACS)



**Remote Input Module (RIM)**

**62A04-1**

White Remote Audio Input/IR output module. Includes White Wallplate. Almond, Black, and Ivory colors are available through RIM Color Change Kits. Features a routed IR emitter jack and a flasher. Control your source equipment to operate any room that has a Volume-Source Control.

62A04-1



**RIM Color Change Kits (Case of 12)**

**62A10-1colorcodeCS**

Case of 12 wallplates. Specify color code when ordering.

White (WHCS)



Almond (ALCS)



Ivory (IVCS)



Black (BLCS)



Light Almond (LTACS)



**6-RIM Rack for Structured Wiring Enclosures**

**84A02-2**

Add up to six audio sources to your Hi-Fi by HAI in one convenient location. Mounting bracket is ideal for mounting low voltage wall devices, such as HAI's Hi-Fi RIMs and VSCs, in a structured wiring enclosure.

84A02-2





*Hi-Fi by HAI Retractable Cable*

62A13-1

3.5 mm male to 2 RCA male patch cable. Extends to 4 feet. Use to connect TVs, CD players, home theater and stereo components to Hi-Fi's RIM.



*Hi-Fi by HAI Retractable Cable*

62A14-1

3.5 mm male to 3.5 mm male stereo patch cable. Extends to 4 feet. Use to connect MP3 players, iPods™, computers with headphone and/or audio outputs to Hi-Fi's RIM.



*IR Flasher*

62A08-1

IR flasher (emitter) with 6 foot cord. Connects to Remote Input Module's routed IR emitter jack to allow use of source equipment remote in any room that has a Volume-Source Control.



*Remote Control*

62A05-1

Remote Control for volume and source selection. One included in 62A00-1 and 62A00-2.



*Programmable Remote Control*

62A06-1

Remote Control for volume and source selection with programmable source control functions.



*Power Supply*

62A07-1

Universal Power Supply for Hi-Fi zones 1 to 4 or 5 to 8.





Learn-in IR codes with the built-in IR receiver.



The HAI Home Theater Extender (HTX) lets you extend your home control to the audio/video equipment in your home theater. The HTX communicates over Ethernet with an HAI IP-based Touchscreen. Easily add components with the built-in A/V Library of over 300,000 IR codes or add new codes with the built-in IR Learner.

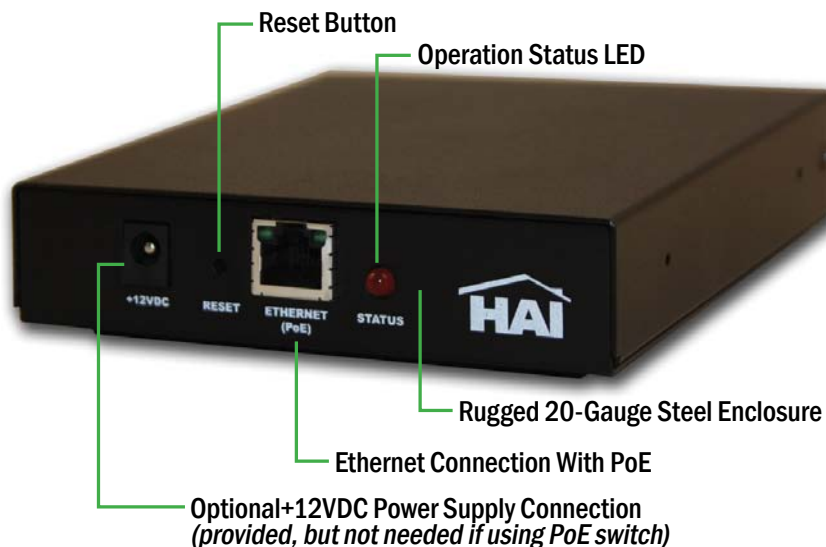
The HTX works with HAI's IP-based Touchscreens, such as the OmniTouch 10p and 5.7e, to control your home theater equipment. HTX configuration requires HAI Automation Studio software (HAI Part Number 1126) which is also used to develop the Touchscreen's custom graphic interface. The HTX can be used with an OmniTouch 10p stand-alone. This new feature provides the option of control without an HAI home control system. Contact closures can operate window coverings, lights, and home theater components.

HAI's customizable IP-based OmniTouch Touchscreens send commands to the HTX, which in turn controls A/V equipment using its serial ports, IR ports, and relays. The HTX includes four IR Flashers (emitters) that attach to the IR Receiver of any A/V equipment you wish to control.

The I/O ports on the HTX are used for power sensing for devices without discrete on/off IR commands. Relay ports on the HTX can be used to control any device that requires a contact closure, such as motorized screens or blinds. Control of multiple A/V systems is easy as there is no limit to the number of HTX devices that can be used in an installation.



Extend your home control to the non-proprietary audio/video equipment.





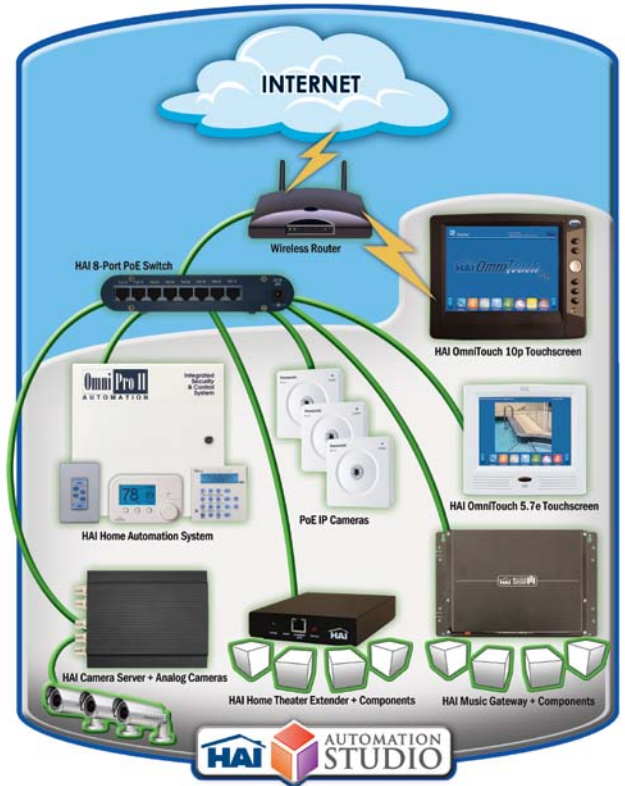
### THE HAI IP-BASED PRODUCT SUITE

Automation Studio ties together the new IP-based product offerings from HAI including the HAI OmniTouch 10p and 5.7e Touchscreens, HAI Camera Server, HAI Music Gateway, HAI Home Theater Extender (HTX), and HAI Omni controllers. This range advances the exciting entertainment lifestyles market by providing more entertainment options for dealers and encouraging creative custom interface designs.

Use serial, digital, and Infrared (IR) ports as well as relays to control home theater equipment.

The HTX is an IEEE 802.3af compliant Power over Ethernet Powered Device (PoEPD).

Includes a built-in A/V Library containing over 300,000 IR codes. Also features learn-in capability for new codes.



ENTERTAINMENT

HOME THEATER EXTENDER (HTX)

#### INCLUDED WITH PACKAGE

HTX IR Controller	86A00-1
+12VDC Power Supply	-
IR Flashers (4)	62A08-1
Documentation	-

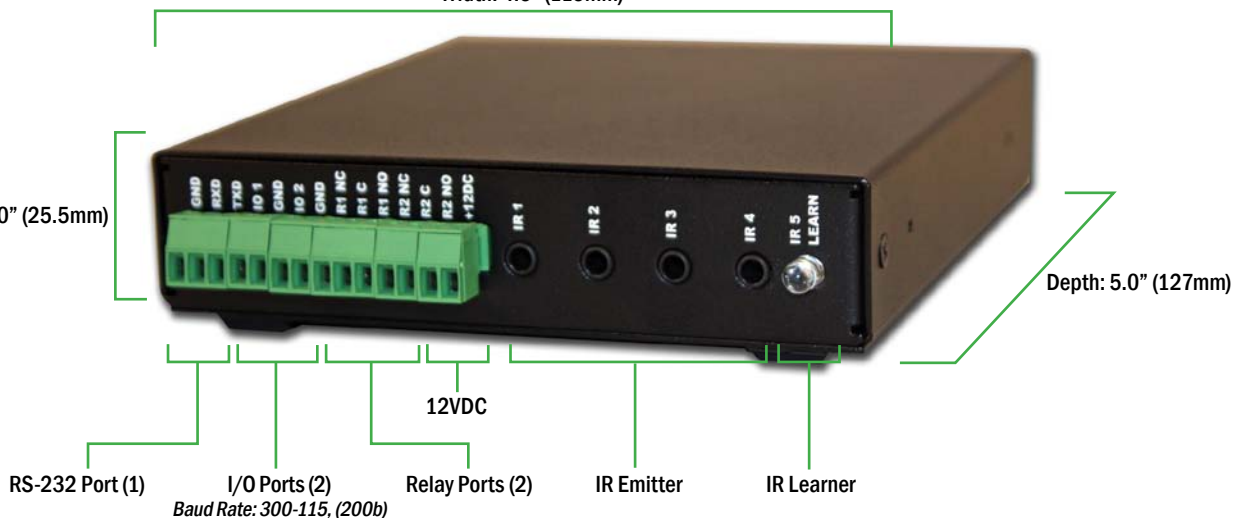
#### REAR VIEW

Width: 4.5" (115mm)

Height: 1.0" (25.5mm)

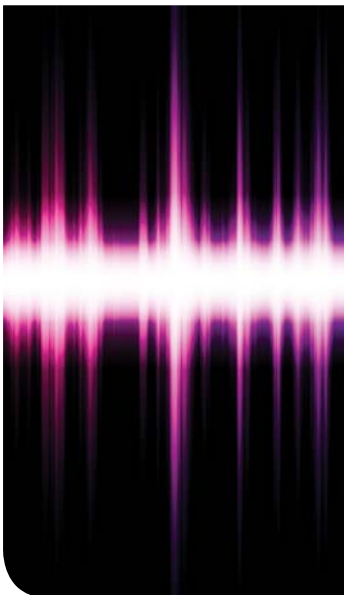
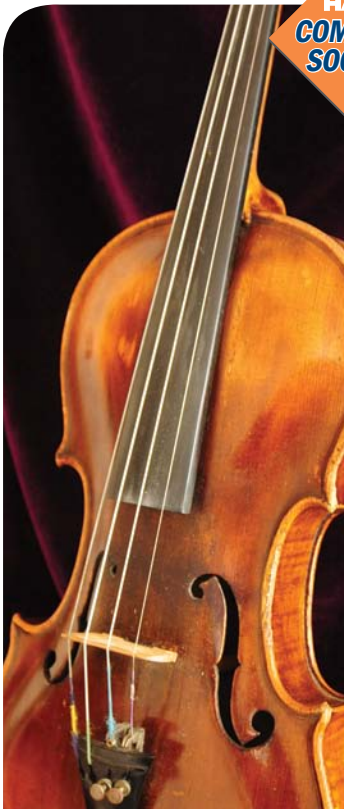
PoE SWITCH  
PAGE 64

Depth: 5.0" (127mm)

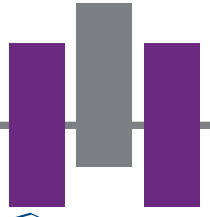




HAI COMING SOON!



# MUSIC GATEWAY



84A00-1

FEATURING **WL3**  
Software Enabled

The HAI Music Gateway opens up an extensive music collection to the rest of the home. A music server/renderer with three independent stereo channels, the Music Gateway uses an HAI IP OmniTouch Touchscreen (5.7e/10p) for selecting music. Selections can be made by artist, title, genre, or playlist. Album art and other meta-data can even be viewed. Where a Hi-Fi by HAI or other multi-room audio system is available, the Music Gateway can be fully integrated. For a clean installation, the Music Gateway is designed for a structured wiring cabinet.

And there is a reason HAI calls it the Music *Gateway*: included is HAI's advanced WL3 software for home control and IP camera integration. With WL3, homeowners can access not only their music, but their entire home automation system. Users can access via mobile devices such as the iPhone™, BlackBerry™, Windows Phones, Android Phones, or any web browser. WL3 lets you record and play videos from IP cameras based on system events including motion, alarm, and door openings. The Music Gateway is the perfect access point for all your needs.

Entertainment use is just as convenient. Easily set up and load music to the Music Gateway from a computer. Store thousands of song titles on the internal hard drive. Album cover art is also automatically loaded. Control song selection using the IP-based OmniTouch 10p or OmniTouch 5.7e Touchscreens.



The Music Gateway is provided for convenient structured wiring enclosure installation.



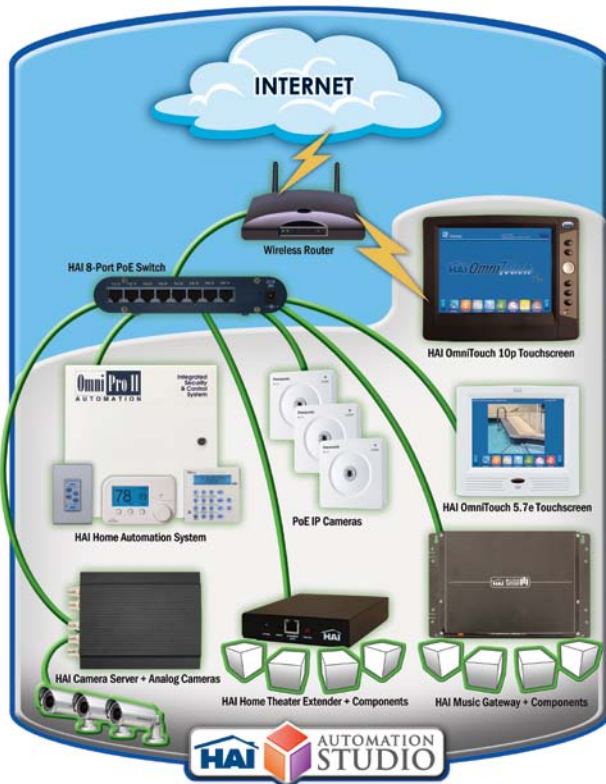


**INCLUDED WITH PACKAGE**

HAI Music Gateway	84A00-1
+12VDC Power Supply	-
Documentation	-



Use HAI's Automation Studio software to customize the HAI Music Gateway's graphic user interface for OmniTouch 5.7e and 10p Touchscreens throughout the home. Interfaces can be personalized graphically and with control icons that suit the homeowner's specific demands.



- Features three independent stereo channels.
- Assign one stereo channel to a Hi-Fi by HAI system.
- Designed to be installed in a structured wiring enclosure.
- Utilizes IP-based Touchscreens (OmniTouch 5.7e and 10p)
- Plays audio off the built-in hard drive.
- Includes HAI's WL3 software which allows remote access via Internet or mobile device such as an iPhone.
- Voice over IP in Touchscreens including whole house paging.



# CONVENIENT INTERFACES





## More interface options equals more control

HAI offers many options to access and control your Omni or Lumina family system. Choose from a full range of Touchscreens, consoles, keypads, and software interfaces.

### Advanced Touchscreens

Easy-to-use OmniTouch family Touchscreens allow control of security, temperatures, lighting, audio, entertainment, surveillance video, ventilation, irrigation, and much more. HAI offers many sizes, colors, and wired or wireless Touchscreens with in-demand user-friendly features such as an intercom.

### Intuitive software

HAI has several programs that allow monitoring and control of your home via the Internet. Some software is intended to be used on a home computer, while others can be carried with you and used on any Windows® computer in the world.

### Control from your television

HAI has several software packages that allow complete home control from the comfort of your couch.

### The power of mobile access

HAI's software turns your BlackBerry™, iPhone™, Windows Phone, Android Phone, or PDA into a remote control for your house! View surveillance video or adjust the temperature before returning home from work.

### Over the phone

All Omni family systems have built-in telephone access and Lumina family systems have an optional Telephone Access Kit. This allows menu access with voice response from phone lines inside or outside of the home.

### Beyond remote control

HAI integrates with Philips Pronto remote controls for true two-way communication, allowing homeowners to see the exact lighting or audio level increase or decrease as it is adjusted. The portable OmniTouch 10p Touchscreen is the remote of the future with a large full color screen with the mobility today's active home needs.

### Interfaces that cater to your needs

Fit your home with security keypads that do so much more. Wireless interfaces and access control interfaces are also available to suit a homeowner's specific demands.



CONVENIENT INTERFACES

OMNITOUCH 10p OVERVIEW



# HAI OmniTouch 10p

67A00-1



## Portable Home Automation Control

The HAI OmniTouch 10p is a full-featured wireless portable Touchscreen utilizing HAI's newest Touchscreen software. With a 10.4 inch diagonal active screen area and light weight, the OmniTouch 10p adds a whole new element to home automation control.

## Customize and Expand Control

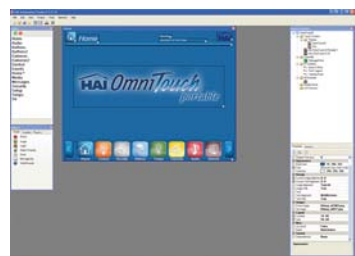
The OmniTouch 10p Touchscreen ships ready to use with HAI's all-new interface design utilizing HAI OmniTouch Pro Software, or can be fully customized with HAI Automation Studio software. When used in conjunction with HAI's Home Theater Extender (HTX), the OmniTouch 10p can control a home theater and other Infrared (IR) products, along with the home's entire automation system. With the OmniTouch 10p, the HTX, and Automation Studio, any room—whether a home theater, corporate boardroom, or school classroom—can be automated. When an HAI controller is added, control of the home's lighting, temperatures, and security can be set to the same button on the OmniTouch 10p Touchscreen. Hard buttons on the OmniTouch 10p Touchscreen can also be set for specific functions like closing curtains or shades, lowering a screen, or turning on particular A/V equipment.



Add the convenient table-top docking cradle charger accessory.



Control multiple media sources.



Customize the graphic interface with HAI's Automation Studio.

## Control with Convenience

The HAI Home Theater Extender (HTX) works with the OmniTouch 10p to control home theater equipment. The HTX features a built-in IR library with over 300,000 IR codes and the ability to learn new IR codes. The OmniTouch 10p sends commands to the HTX, which controls A/V equipment using its serial ports, IR ports, and relays. The HTX includes IR Flashers (emitters) that attach to the IR Receiver of any A/V equipment you wish to control. The OmniTouch 10p can then send IR commands to those devices. Additionally, the OmniTouch 10p can access the Internet via a web browser or quickly link to weather, stocks, traffic, and more with custom buttons added in HAI Automation Studio software.

## Security Surveillance Video

The OmniTouch 10p can display video from most IP cameras that provide JPG or MJPEG output. These types of cameras can be set up without any additional hardware. HAI Automation Studio is required to set up IP or analog surveillance cameras for viewing on the OmniTouch 10p Touchscreen. HAI Camera Server is required for analog cameras.

## VoIP Intercom Capability



The OmniTouch 10p features Voice over IP (VoIP) technology for immediate communication and paging via all IP-based OmniTouch Touchscreens. With no extra wiring involved, installation remains very simple.



Visit [www.hai-international.com](http://www.hai-international.com) for additional language support!

**INCLUDED WITH PACKAGE**

OmniTouch 10p Touchscreen	67A00-1
19V 2.6A 60W AC Adapter	-
Extra Stylus	-
Documentation	-

**ACCESSORIES**

Docking Cradle Charger	67A01-1
Extra Rechargeable Battery	67A03-1

- 10.4" SVGA LCD Full Color Display
- HAI OmniTouch Pro Software with Video Camera Capability
- Navigation Button and Four Programmable Hard Buttons
- Windows XP Embedded Operating System
- Built-In Wi-Fi 802.11 (b/g) Wireless
- 10/100 Ethernet Port, RS-232 Serial Port
- 500Mhz AMD Geode, 512MB Memory, 4GB Flash Memory
- Two USB Ports, SD Card Slot, VGA Out
- Integrated Fold-Out Stand on Back

**HAI  
COMING  
SOON!**



**HAI OmniTouch 10pe Portable Touchscreen**

The portable Touchscreen goes further in 2010 with the launch of the OmniTouch 10pe. Featuring accelerated processor speed, an XGA screen for advanced display clarity, an on-board extra battery compartment, and a cradle that can simultaneously hold and charge an additional battery for extended range, the OmniTouch 10pe continues the tradition of convenient interfaces from HAI.



CONVENIENT INTERFACES

OMNITOUCH 5.7e OVERVIEW



View live IP camera video.



Add functional floor plan graphics with Automation Studio.



Home audio interfaces specific to the hardware in use.

# HAI <sup>ENHANCED</sup> OmniTouch 5.7e

53A00-2



For other available languages add language code to part number: *Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT)*

## Advanced Home Control With the OmniTouch 5.7e

The OmniTouch 5.7e is HAI's premier plug-and-play Touchscreen featuring customizable graphics and foreign language support. Monitor and control lights, small appliances, security, temperatures, pool and spa settings, ventilation, multi-room audio, surveillance video, and other essentials connected to an HAI home automation system. The OmniTouch 5.7e is compatible with HAI's OmniPro II, Omni IIe, Lumina Pro, and Lumina controllers.

## Fully Customizable Graphic User Interface

The OmniTouch 5.7e can be fully customized with HAI Automation Studio software. The on-screen interface can be as unique as you are by reflecting your interests and tastes.

## Beneficial Features Homeowners Demand

The 5.7e features high end user interface capabilities in an efficient flush wall-mount application. A single Ethernet connection for all communication as well as power using Power-over-Ethernet (PoE) technology simplifies the installation process. Navigate between rooms and settings through a high resolution graphic interface. Add HAI's Music Gateway and browse through media, album art, and meta-data.

## Control With Confidence

Easily adjust security settings with just a touch: arm, disarm, vacation, or away. View an event log to see who has accessed the security system and when. Also view indoor and outdoor temperatures and humidity, and adjust the heating or cooling within a room or the entire house. Humidor, wine cellar temperatures, and pool or spa water temperatures can all be monitored. Adjust lighting for any room. Easily dim, set up timing sequences, or turn all lights on/off by switch, room, or the entire house.

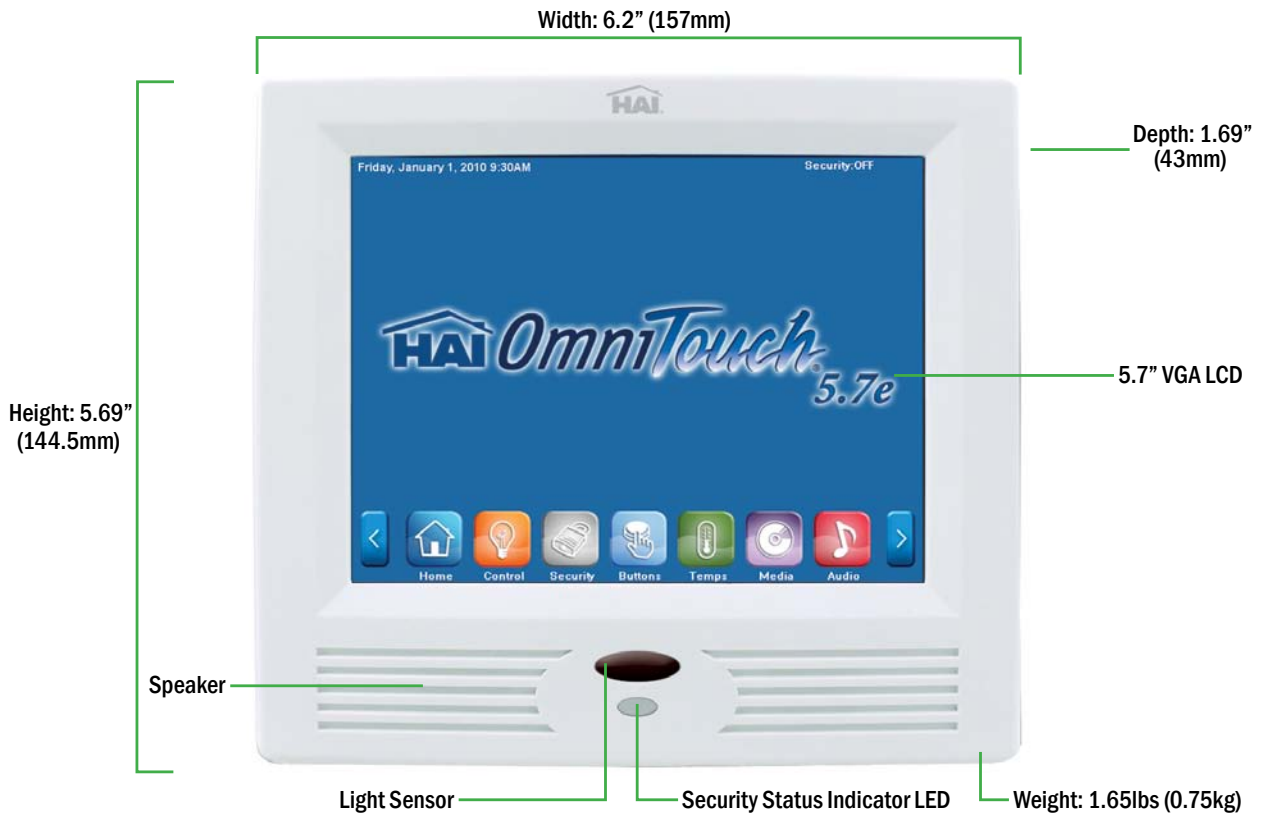
## Interface With Many Whole-Home Audio Brands

Control Hi-Fi by HAI or an audio system from one of HAI's Connectivity Partners. OmniTouch 5.7e emulates the NuVo, Russound, SpeakerCraft, Proficient, and Xantech audio keypads for a clutter-free appearance with full functionality (*see HAI Connectivity Partners for exact models*).

## VoIP Intercom Capability



The OmniTouch 5.7e features Voice over IP (VoIP) technology for immediate communication and paging via all IP-based OmniTouch Touchscreens. With no extra wiring involved, installation remains very simple.



INCLUDED WITH PACKAGE	
OmniTouch 5.7e Touchscreen	53A00-2
Documentation	-
ACCESSORIES	
8-Port PoE Switch (stand alone)	91A00-1
8-Port PoE Switch (structured wiring backplate)	91A00-2
HAI One Port PoE Injector	90A00-1
HAI Automation Studio	1126
HAI Camera Server	87A00-1
Table Top Stand, Black	53A17-1
Color Change Kit: Almond	53A05-AL
Color Change Kit: Light Almond	53A05-LTA
Color Change Kit: Black	53A05-BL
Color Change Kit: Ivory	53A05-IV
Color Change Kit: Silver	53A05-SL
Color Change Kit: White	53A05-WH

- Enhanced 5.7" full VGA LCD display with TFT technology
- 640x480 screen resolution for vibrant graphics
- HAI OmniTouch Pro Software with surveillance video capability
- 10/100 Ethernet Port for communication and power (PoE)
- Speaker for more pleasing audio tones
- Auto-dimming sensor for softer night-time display
- Built-in USB and Ethernet ports for easy firmware updating
- Foreign language support available



Use HAI's Automation Studio software to add custom graphic user interfaces for each Touchscreen throughout the home. Each can be personalized graphically and with control interface icons that suit the homeowner's specific demands.



One touch displays the status of a home's vital systems.



Users can freely alter their OmniTouch 5.7 settings.



With buttons, quickly initiate a series of commands or function.

# HAI <sup>ENHANCED</sup> OmniTouch 5.7

53A00-1

English - 53A00-1



For other available languages add language code to part number: *Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT)*

The award-winning OmniTouch 5.7 is a colorful "plug and play" Touchscreen with large icons to control lights and small appliances, monitor and adjust security and temperatures, pool and spa temperatures, ventilation, decorative lighting, multi-room audio systems, and other items under the control of an HAI Home Control system.

HAI's OmniTouch 5.7 is a simple to install plug-and-play device. No router, hub, or IP network is required for operation. The OmniTouch 5.7 receives power from the Omni home controller's battery-backed power supply to ensure operation during power failure.

- Enhanced 5.7" full VGA LCD display
- Utilizes TFT technology for rich colors and improved viewing angles.
- Built-in USB connector allows updates to the newest version of firmware at any time easily and for free.
- Powered by power supply and battery backup of HAI controller.
- Includes white faceplate; Color Change Kit available.
- Compatible with all HAI controllers.

## SPECIFICATIONS

### Max Cable Length Based on Wire Gauge/# Conductors

Wire Gauge/# of Conductors	Max Cable Length (feet)
24/1	113
24/2	227
24/3	340
22/1	180
22/2	360
20/1	287
18/1	456
16/1	724

Use this chart when directly connecting an OmniTouch 5.7 to an HAI home control system. Chart uses solid wiring. If using stranded wire, deduct distance by 5%. For Cat-5 use three conductors each for power (+12V and ground).





Adjust the lighting in any room. Easily dim, set up timing sequences, or turn all lights on/off by switch, by room, or by house.



Easily adjust security functions with one touch. Arm, Disarm, set to Vacation or Away. View an event log to see who accessed the security system and at what time. (Omni family controllers only).



View indoor and outdoor temperatures and humidity. Adjust the heating or cooling within a room or whole house. View humidifier or wine cellar temperatures and monitor water temperature sensors.



Control Hi-Fi by HAI or an audio system from one of HAI's Connectivity Partners. Emulates NuVo, Russound, SpeakerCraft, Proficient, and Xantech audio keypads.

**INCLUDED WITH PACKAGE**

OmniTouch 5.7 Touchscreen (English) 53A00-1

Documentation -

**ACCESSORIES**

Touchscreen Hub with Enclosure (no video) 32A30-3

Touchscreen Hub on Backplate (no video) 32A30-4

Touchscreen Hub (board only) 32A31-2

Touchscreen Hub Replacement Power Supply 106080

Power Hub in Enclosure 83A00-1

Power Hub for Structured Wiring Enclosures 83A00-2

Table Top Stand, Black 53A17-1

Color Change Kit: Almond 53A05-AL

Color Change Kit: Light Almond 53A05-LTA

Color Change Kit: Black 53A05-BL

Color Change Kit: Ivory 53A05-IV

Color Change Kit: Silver 53A05-SL

Color Change Kit: White 53A05-WH

**Maximum Cable Length with Touchscreen Hub**

Wire Gauge	Max Cable Length (Feet)
24/8 (Cat-5)	800

Use this chart when connecting an OmniTouch 5.7 to an HAI home control system using a Touchscreen Hub.

**Maximum 5.7 Touchscreens**

Home Control System	Max 5.7 Touchscreens*	Number of Touchscreens Requiring Touchscreen Hub
Omni LT	3	2-3
Omni IIe	7	3-7
OmniPro II	15	3-8; 9-15 requires two hubs
Lumina	7	3-7
Lumina Pro	15	3-8; 9-15 requires two hubs

\*Assumes the use of the one required console or keypad. Note that for every additional console or keypad used, this maximum number of OmniTouch 5.7 Touchscreens decreases by one.



CONVENIENT INTERFACES

OMNITOUCH 10p/5.7e ACCESSORIES



\*OmniTouch 10p not included

**Docking Cradle Charger for OmniTouch 10p** **67A01-1**

Keep your OmniTouch 10p fully charged while still in operation mode with this table-top docking cradle. Features a USB port. Uses the OmniTouch 10p power supply and cord. OmniTouch 10p not included.



**Rechargeable Battery for OmniTouch 10p** **67A03-1**

Always have an extra battery in the event of power outage or original battery expiration.



**One Port PoE Injector** **90A00-1**

Single port PoE injector that is fully compatible with Powered Devices that comply with the IEEE 802.3af standard. Can provide power to one HAI OmniTouch 5.7e Touchscreen or other Powered Devices (such as the HAI Home Theater Extender, PoE IP cameras, PoE Wireless Access Points, PoE Printer, etc.) without requiring additional power wiring to the device. Provides up to 15.4 watts of power and 10/100M data transmission through the traditional Cat-5 cable to the Powered Device.



**Eight Port PoE Switch** **91A00-1**  
**Eight Port PoE Switch with Structured Wiring Backplate** **91A00-2**

Power Source Equipment (PSE) device that is fully compatible with IEEE 802.3af standard compliant devices. Powers up to seven HAI OmniTouch 5.7e Touchscreens (one port must be connected to the network). PoE ports can also power other powered devices (such as the HAI HTX, PoE IP cameras, PoE Wireless Access Points, PoE Printer, etc.) without additional power wiring to the device. Each PoE port can provide 15.4 watts of power and 10/100M data transmission through traditional Cat-5 cable to the Powered Device.



**5.7/5.7e Table Top Stand** **53A17-1**

Table Top Stand for OmniTouch 5.7 and OmniTouch 5.7e. This elegant and convenient stand is perfect for bedside tables and countertops where the functionality from an OmniTouch 5.7 or OmniTouch 5.7e Touchscreen is desired. The Table Top Stand is made of durable acrylic and is 7 1/4" W x 6" H x 5 3/4" D. It is available in Black. OmniTouch 5.7 shown, but sold separately.



**HAI Automation Studio Software** **1126**

HAI Automation Studio is a software package developed to allow customization of graphic interfaces for HAI's Ethernet-based Touchscreens including OmniTouch 10p and 5.7e. With Automation Studio, complete control is gained over look, feel and function of individual Touchscreens, IP or analog surveillance cameras are set up, and the HAI Home Theater Extender (HTX) can be configured.



**5.7/5.7e Color Change Kits**

**53A05-colorcode**

Change the faceplate color on an OmniTouch 5.7 or 5.7e to match the environment of a given room.



**OMNITOUCH 5.7 TOUCHSCREEN ACCESSORIES**



**Touchscreen Hub Replacement Power Supply**

**106080**

Switching power supply brick for use with Touchscreen Hub.



**Video Encoder**

**32A32-1**

Now supports full VGA for enhanced OmniTouch 5.7. Backward compatible with earlier OmniTouch 5.7. Required for an OmniTouch 5.7 in order to display video. Mounts on the Touchscreen Hub. Digitizes video signals from cameras for sending to an OmniTouch with video or OmniTouch 5.7. Includes video encoder circuit board with connector and instructions.



**Video Touchscreen Hub - with Enclosure**

**32A30-1**

**Video Touchscreen Hub - for Structured Wiring Enclosure**

**32A30-2**

**No Video Touchscreen Hub - with Enclosure**

**32A30-3**

**No Video Touchscreen Hub - for Structured Wiring Enclosure**

**32A30-4**

**Touchscreen Hub Board Only**

**32A31-2**



32A30-1 includes Touchscreen Hub with Video Encoder in enclosure with power supply and instructions for OmniTouch 5.7.

32A30-2 includes Touchscreen Hub with Video Encoder on Universal Mounting Plate, power supply, and instructions for OmniTouch 5.7.

32A30-3 includes Touchscreen Hub in enclosure, power supply, and instructions. Provides 24V power to eight HAI Omnitouch 5.7 Touchscreens. Connectors for two rechargeable 12V batteries (not included) for battery backup for OmniTouch 5.7.

32A30-4 includes Touchscreen Hub on Universal Mounting Plate, power supply, and instructions for OmniTouch 5.7.





CONVENIENT INTERFACES

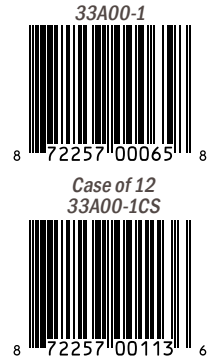
CONSOLES



### Omni Console Omni Console (Case of 12)

33A00-1  
33A00-1CS

Cool blue LCD surface mount console, silk screened "Omni" on front, connector kit, instructions (Omni family only). Ideal for security functions. Also controls lighting, temperatures, buttons, events, setup and other functions powered by the controller.



### Omni Console with Built-in Speaker/Microphone

33A00-4

The microphone may be used to listen inside your home while on-site or remotely via telephone. The speaker may be used to broadcast messages based upon system programming or be used to communicate with someone inside the house. Requires Two-Way Voice Module, HAI part number 10A11-1. See special wiring instructions in wiring section. Omni family only.



### Lumina Keypad

33A00-19

Allows set up, programming and control of the Lumina and Lumina Pro system. LCD surface mount keypad, silk screened front, connector kit, instructions. Lumina family only.



### Lumina Keypad with Built-in Speaker/Microphone

33A00-20

LCD surface mount keypad with built-in speaker/microphone, silk screen front, connector kit, instructions. 10A11-1 Two-Way Voice Module required. See special wiring instructions in wiring section. Lumina family only.



### Flush Mount Kit

33A00-3

White, Flush Mount back box for use with 33A00-1, 33A00-4, 33A00-19, or 33A00-20 consoles or keypads (not included), mounting bracket, instructions.



\*Console not included.

# HAI Software Leads the Way in Automation Innovation and Convenience

## WL3 for Windows® Home Server

**1112**

An add-in for a Windows® Home Server, WL3 allows monitoring and controlling of an HAI home control system from any web browser device, including iPhone, iPod Touch, BlackBerry, Windows Phone, Android Phone, personal computer, and PDA.

As a central server, the Windows Home Server stores, organizes, protects, and allows you to share all of your digital photos, music, video, and documents, while running quietly in the background. And with WL3, access expands beyond entertainment allowing changes in a home's temperatures, adjusting the lights or security settings, or viewing any supported camera securely and easily.

WL3 automatically configures supported UPnP IP cameras on your home network and allows manual configuration of other IP cameras on the network or cameras that reside anywhere on the Internet. View camera video captured from your home or from public IP cameras around town, such as traffic and weather cameras.

WL3 natively supports 60 IP camera models, however, most MJPEG and MPEG4 cameras should function properly. Setup is simple: WL3 automatically discovers the supported UPnP IP cameras and configures them. Other cameras can be added by simply configuring their IP addresses, usernames, and passwords. Regardless of the brand of camera, the video is displayed in the WL3 format so that all camera feeds have a consistent look and feel. Easily select any camera, choose the frame rate and screen size, manually start and stop video recording, take a snapshot of the video image, and play, pause, or stop the video stream.



*WL3 requires an HAI home control system equipped with an Ethernet port and Windows® Home Server.*



Records video based on an event and can send e-mails or text messages to inform you when an event occurs. View recorded videos and snapshots anytime you log in locally or via the Internet. Video can be played at normal, accelerated, or frame-by-frame speeds.



WL3 for Windows Home Server continually monitors the home, informing you of events such as the alarm system being disarmed or activated, a car entering the property, or even if the wine cellar door or pool gate has been opened.



WL3 for Windows Home Server is customizable. Change the user interface by applying different graphic and color schemes. Add RSS feeds for custom data, such as weather forecasts, sports scores, news, personal blogs, and much more to your WL3 Home Page.



Use iPhone™ or iPod™ Touch in portrait or landscape format.



The HAI Music Gateway includes WL3 for added video utility.



View live or recorded video on any notebook computer, including Apple®.



Change the temperature from your BlackBerry™ with WL3.



CONVENIENT INTERFACES

SOFTWARE



### Automation Studio

1126

HAI Automation Studio is a software package developed to allow customization of graphic interfaces and foreign language support for HAI's Ethernet-based Touchscreens including OmniTouch 10p and 5.7e. With Automation Studio, complete control is gained over look, feel and function of individual Touchscreens, IP or analog surveillance cameras are set up, and the HAI Home Theater Extender (HTX) can be configured.

With Automation Studio, vivid, user-friendly graphic interfaces can be developed based on a homeowner's lifestyle and interests. Go beyond standard default screens by customizing Touchscreen interfaces with HAI Automation Studio software.

Automation Studio provides a WYSIWYG (What You See Is What You Get) editor that allows you to create Touchscreen pages in a drag-and-drop environment, and see exactly how the page will look without having to first download the design to a Touchscreen.

To encourage expansion of the Automation Studio user community, HAI developed an Online Learning Center complete with a forum. How-to multimedia videos that discuss various application processes step-by-step are also just a click away at any given time. Users can bookmark the Online Learning Center for later reference or a quick refresher on a number of powerful tasks available in Automation Studio.



Create a theme that appeals to the homeowner's hobbies or interests.



Explore the possibilities of personalized graphic interfaces.



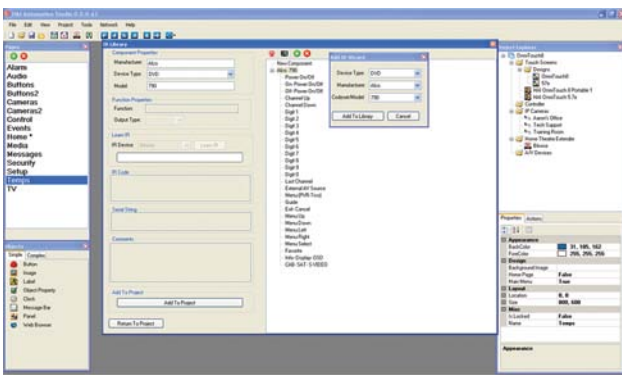
Construct elaborate graphics in a third party editing software and import into Automation Studio.



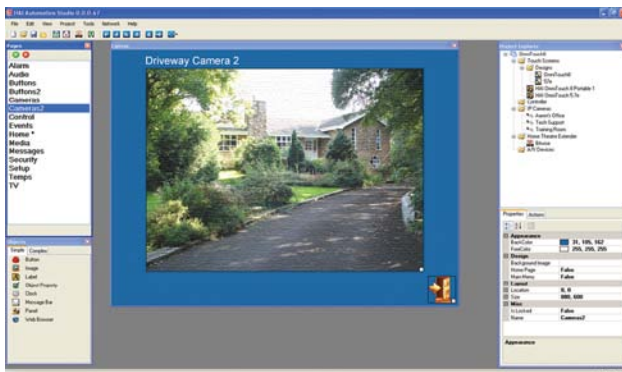
Add a custom graphic to your Touchscreen interface such as a floor plan or dealer logo.



A wealth of options are available to organize screen content.



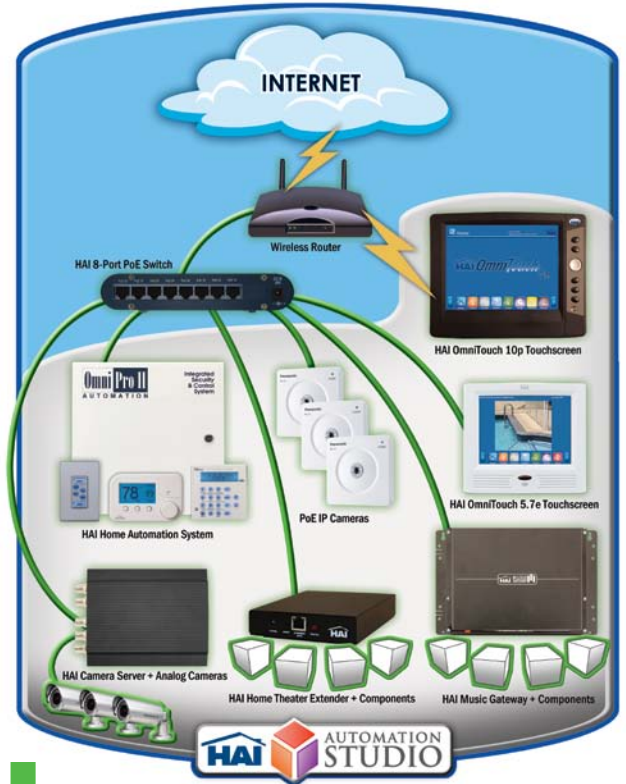
The A/V Library's Component Database adds device control.



Add a camera device to view live video on a Touchscreen.



Organize multimedia remote controls to suit specific requests.



CONVENIENT INTERFACES

SOFTWARE

### THE HAI IP-BASED PRODUCT SUITE

Automation Studio ties together the new IP-based product offerings from HAI including the HAI OmniTouch 10p and 5.7e Touchscreens, HAI Camera Server, HAI Music Gateway, and the HAI Home Theater Extender (HTX). This range advances the exciting entertainment lifestyles market by providing more entertainment options for dealers and encouraging creative custom interface designs.

#### INCLUDED WITH PACKAGE

Automation Studio Installation CD 1126

#### REQUIREMENTS

Microsoft Windows 2000/XP/Vista/7

.Net 2.0 or Higher

1.2Ghz Intel Pentium 4 Equivalent or Higher

1GB Physical Memory

512MB Free Disk Space



See video from your home's IP cameras from anywhere an Internet connection is available.

### HAI Snap-Link

1120

HAI's multi-award winning Snap-Link software can quickly adjust and check lights, temperature, audio, and security settings on the go. Snap-Link controls multi-room audio systems by HAI, NuVo, Proficient, Russound, SpeakerCraft and Xantech. Snap-Link can even be plugged into an Ultra Mobile PC to be used as a wireless Touchscreen.

Insert the Snap-Link USB drive into any Windows computer and it directly communicates through the Internet to the secure Ethernet port on your HAI system at home. No on-site computer is needed. Snap-Link is easy to use and easy to set up because it is self-contained on the USB drive. There is no installation of the program, just unplug the drive and no residue of the application is left on the computer. 128 bit encryption is utilized making Snap-Link vastly safer than competing products which use web pages via non-encrypted connections.

Snap-Link has *no subscription fees*. Registered users of Snap-Link can update to the latest version for FREE at any time by clicking on the update link.



Snap-Link requires an Ethernet-enabled HAI home control system such as the OmniPro II, Omni IIe, Lumina Pro, or Lumina.



Small and simple, the Snap-Link USB drive can be installed quickly and securely.



Log in and change home settings in lighting, temperature, audio, and security.



Conserve energy while maintaining the comfort level. Adjust heating and cooling by zone. View humidity and outdoor temperatures. Adjust settings before leaving work.



Select music source and adjust volume levels in rooms or whole house. Control Hi-Fi by HAI or a system from one of HAI's Connectivity Partners.



Check and adjust lighting scenes. Dim lights, set timers, control each light, or turn all lights on/off by room or entire house.



Monitoring and controlling security features is easy. Arm or disarm the alarm, view a security log, or select to bypass or restore an individual zone (area).



Use IP cameras to see your home from anywhere in the world. Scroll through cameras to view boat docks, front doors, pool areas, etc. Check up on sick or elderly relatives when you can't be physically present. Record video based on motion, event, or time.



## HAI Snap-Link Mobile

1120M

Snap-Link Mobile allows you to monitor and control lights, security, audio, temperatures, and webcams on handheld mobile devices, such as PDAs, Smartphones, or other devices running Windows® Mobile operating software. Snap-Link Mobile puts control of all home functions in the palm of your hand! Simply click on the HAI logo that appears on your phone/PDA and you have instant access to your Snap-Link home control page.

Snap-Link Mobile is designed specifically for a mobile device with a Touchscreen, navigation key, or scroll wheel. It tunnels directly into the HAI home control system through a secure AES encrypted connection. Requires an HAI Omni Ile, OmniPro II, Lumina, or Lumina Pro home control system installed in the home.

Snap-Link Mobile is sold without subscription fees and users receive updates for free. Snap-Link does not rely on any third parties to work other than cellular service. There is no set-up for Snap-Link Mobile other than the initial installation.

HAI's Snap-Link Mobile is downloaded directly into a mobile device. It features secure encrypted communications over Wi-Fi or cellular data networks.



Conveniently control individual lights, turn off all lights in the home or room, dim lights or adjust preset lighting scenes



View real time video of surveillance cameras. See your front door, pool, boat dock, etc.\*



Conserve energy by adjusting heating and cooling and view humidity and outdoor temperatures



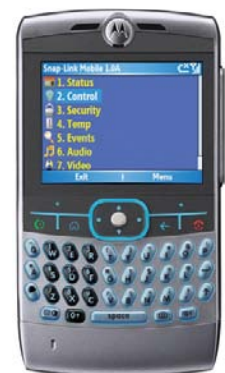
Arm or disarm the alarm, view a security log to monitor activity of housekeepers, nannies, etc.



Control your Multi-Room Audio system. Select music source and adjust volume levels in individual rooms or the whole house



Snap-Link Mobile can be used on Windows Mobile phones.



Access your home control systems and modify settings.



Change lighting throughout the house via your cellphone.

\*Requires appropriate cellular provider plan and cameras.



### Pronto Link for Philips

1125

Pronto Link is a free download from the ProntoScript for Philips Certified Installers portion of the Philips Pronto website, [www.pronto.philips.com/prontoscript](http://www.pronto.philips.com/prontoscript).

HAI's Pronto Link allows the Philips TSU9800, TSU9600, and TSU9400 Pronto remotes to control HAI Omni and Lumina family automation systems, as well as standard home theater components. With Pronto Link and a Philips Pronto remote, use a single remote to control the home theater; adjust lights, temperatures, and security settings; control multi-room audio systems, such as Hi-Fi by HAI.

Installers can easily merge the HAI functionality into a standard Pronto project, as HAI is pre-programmed into the ProntoScript integration module.

A unique feature regarding the HAI and Philips connectivity is the Pronto remote's two-way communication with the HAI home control system. This communication allows you to not only adjust temperature but view the exact degree as it is being adjusted. As you dim or brighten lights in a room, the Pronto displays exact lighting percentages. Similarly, watch volume levels change as you adjust the whole home audio system.

HAI has created a demonstration file for each Pronto to show how Pronto Link works even if you do not yet have an HAI controller. All features of Pronto Link are demonstrated by simulating being connected to an HAI OmniPro II controller and a Hi-Fi by HAI multi-room audio system.

*Requires an HAI controller with an Ethernet port that has firmware 2.16 or higher. Requires Philips ProntoScript Pro v. 1.1.20 or later.*



Pronto Link is a free download for Philips certified installers.

Now available in English, Arabic, French (European and Canadian), Chinese (Traditional and Simplified), Dutch, German, Greek, Hebrew, Italian, Spanish (European, Latin American, and Castilian), Portuguese, Russian, and Turkish.



Features a full color display and comfortable hand-held size



TSU9400



TSU9600



TSU9800



## PC Access

## 1105W/1106W/1111

The all-new for 2009 PC Access features set up, programming, and monitoring of a home control system over a modem or by a serial or network connection. PC Access is the only software product HAI offers that has the ability to program an HAI home control system. It also fully integrates with HAI Automation Studio software.

New commands for comparing temperatures (example: indoor vs. outdoor), timers, humidity, thermostat settings, and more make innovative energy-saving strategies easier. HAI has also made it easier for customers to make adjustments to their systems (altering wake-up times, "away" temperatures, holidays) without changing the system's programming.

With the auto-completion feature, PC Access speeds the programming process by jumping to a command after the first few letters of a program line are typed.

**All versions of PC Access support multiple languages. Simply select your language of choice at installation.**

Dealer Version  
1105W

End User Version  
1106W

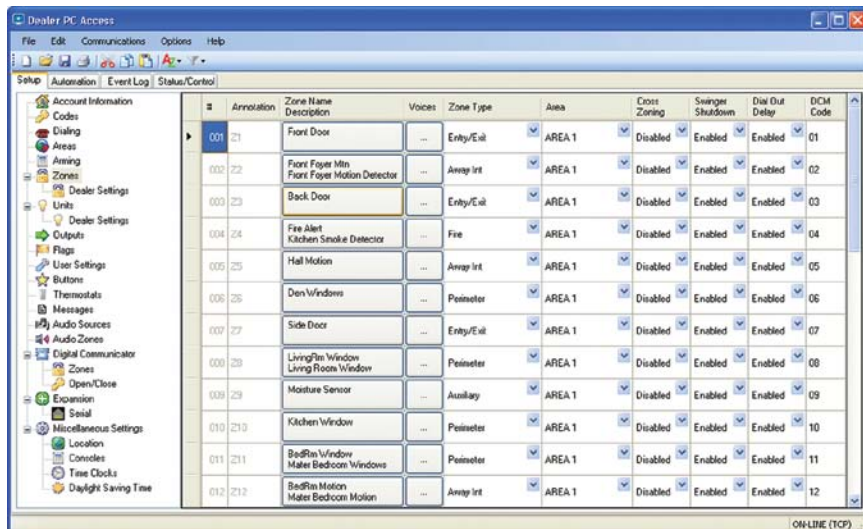
Lumina Version  
1111



Registered users receive free updates.

**Enhanced automation programming features include:**

- Multiple triggers, conditions, and commands in a single statement
- Save programs for reuse
- Add comments to programs
- Simplified program editing
- Search and replace



- ZIP code wizard
- Account summary page
- Easy tree-based navigation
- Fewer mouse clicks and keystrokes
- Integrated help and documentation
- All lists can be sorted and/or filtered
- Supports longer, more descriptive "friendly" names
- Ability to name UPB™ links and other lighting scenes
- Integrated firmware updater for new flash-enabled controllers
- Simplified set up: names and properties of an object edited on a single page





CONVENIENT INTERFACES

SOFTWARE

**ENHANCED**

## HAI Web-Link II



### Web-Link II

1108

HAI's multi-award winning Web-Link II software allows access and control of your HAI system over the Internet. Monitor and control via an Internet-ready mobile device, such as an iPhone. Check and adjust the temperature, lights, security, and audio via a PC, PDA, or web-enabled phone. Web-Link II offers video surveillance and recording over the Internet, wireless access, and the ability to receive e-mail or text messages based on programmed events. Web-Link II is capable of recording video based on alarm or event. The program runs on your home server or PC. Whether you're at the office or on vacation, your home is only a click away. Registered users receive free updates. Enhanced for Windows 7.



**ENHANCED**

## HAI home control<sup>®</sup> for Windows<sup>®</sup> Media Center



### Home Control for Windows<sup>®</sup> Media Center

1109

HAI's award-winning Home Control for Windows<sup>®</sup> Media Center is software that runs on a Windows<sup>®</sup> Media Center computer for controlling lighting, temperatures, security, and audio on a television using a single Media Center remote control.



A Windows<sup>®</sup> Media Center is an integrated digital entertainment center. It can play, pause and record live TV, play DVDs, store digital music, videos & photos, browse the Internet, check e-mail and run Windows<sup>®</sup> applications.

HAI's Home Control coordinates security, temperature, lighting, and audio for comfort, convenience and safety. Together, you get incredible performance at a very reasonable price. Registered users receive free updates. Enhanced for Windows 7.

**ENHANCED**



### HAI Software Combo

1110

Web-Link II and Home Control for Windows<sup>®</sup> Media Center software bundled together. Enhanced for Windows 7.



Whether you're at the office or on vacation,  
your home is only a click away...

**HAI Web-Link II**  
Monitor and control over the internet

with wireless access,  
live RSS feeds, video  
surveillance & recording,  
email notifications,  
and much more.



## SPECIFICATIONS

### HAI Software Comparison Chart

	HAI Home Control	Snap-Link	Snap-Link Mobile	PC Access	Web-Link II	WL3
<b>Part Number</b>	1109	1120	1120M	1105W, 1106W, 1111, 1105WSP	1108	1112
<b>Access via Internet</b>	Remote Desktop	Yes	Yes	Yes	Yes	Yes
<b>Dedicated Computer On-site</b>	Yes****	No****	No	No****	Yes****	Yes****
<b>Client Software</b>	Application	No (runs on client)*	No (runs on client)*	Yes (installed on client)	No (uses Standard web browser)	No (uses standard web browser)
<b>Installation Components</b>	No	No installation (Plug and Go)*	Application	Application	Web server and application	Application
<b>Subscription Fee</b>	No	No	No	No	No	No
<b>Video Surveillance</b>	Yes	Link to installed IP Web Camera	Link to installed IP Web Camera	No	Yes	Yes
<b>Video Recording</b>	Yes	No	No	No	Yes	Yes
<b>Notifications</b>	Pop-up notifications, audible, and visual	E-mail, messaging, pop-up notifications, visual	Optional pop-up notifications, audible, and visual	No	E-mail, messaging, and visual	E-mail, messaging, and visual
<b>User Interface</b>	Televisions with remote control	PC application	Windows® Mobile Application	PC application	Web Browser	Web Browser
<b>Additional Interfaces Supported</b>	Additional television/monitors using Media Center Extenders	Ultra Mobile PC	Windows® Mobile based PDA's, Smartphone	None	iPhones™, BlackBerry™, PDA's, Smartphones, Web Tablets, and Touchscreens	iPhones™, BlackBerry™, PDA's, Smartphones, Web Tablets, and Touchscreens
<b>Configure System</b>	No	No	No	Yes	No	No
<b>Program System</b>	No	No	No	Yes	No	No
<b>Create Rules/Alerts</b>	Yes	Yes	No	No	Yes	Yes
<b>Selectable Skins or Themes</b>	No	Yes	No	No	Yes	Yes
<b>Web Updates</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>RSS (Real Simple Syndication)**</b>	No	No	No	No	Yes	Yes
<b>Operating Systems</b>	Windows XP Media Center Edition software, Windows Vista Home Premium, Windows 7	Windows ME and higher	Windows Mobile 5.0 and higher and .NET Compact Framework 2.0	Windows 98E & higher, Windows Vista Ultimate, Windows Vista Home Premium, Windows 7	Windows XP Professional, Windows 2000, Windows Server 2003, Windows Vista****, Windows 7 Pro/Ultimate	Windows Home Server

\* Does not require installation on PC. Application can run from thumb drive, flash drives, or other removable media.

\*\* Displays RSS feeds such as latest news, weather reports, personal blogs, and much more.

\*\*\* Compatible Vista versions are Windows® Vista Home Premium, Vista Ultimate, Vista Business, or Vista Enterprise.

\*\*\*\* WL3, HAI Web-Link II, Home Control for Windows Media Centers, Snap-Link and PC Access will work together as long as you do not exceed the limit of three simultaneous sessions.

“When I powered up my system for the first time, everything worked as advertised from triggering an alarm and having a monitor station receive the zone, to all the lighting, HVAC, and PC Access setup.”

Dwayne Kranz, Fairfield, California USA

# *PROMO KITS*



## Smarter product packages for convenience and savings

HAI has pre-packaged kits to get you started. Choose one of HAI's Promo Kits and save on HAI products in addition to receiving HAI software for free. Promo Kits are available for each of HAI's core home automation solutions:

### Safety & Security

HAI controllers are the brains of an automated home. They coordinate communication of all the home's systems, increasing comfort, security, and convenience. HAI's Omni home control systems include integrated UL Listed and CP-01 compliant security systems. With a range of security-related products, such as sensors, surveillance cameras, and access control products, HAI provides a fully secured home.

### Energy Management

HAI's energy management products can increase the energy efficiency of a home via lighting control, temperature control, and the control of large energy using devices. HAI's products save money with an array of programmable features.

### Entertainment

Turn up the fun with HAI's exciting entertainment products. Integrate media with the rest of the home's automation systems for increased enjoyment and convenience. Use full-feature Touchscreens to search and control music collections with ease.

### Convenient Interfaces

Multiple interfaces let the homeowner choose how to monitor and control their home. Use an intuitive Touchscreen, remote control, or television to interact with the home's systems. Enhance security as well as energy efficiency with remote access from a cell phone, telephone, or computer.



Add any of HAI's products to a Promo Kit for additional safety, entertainment, or energy management features!



10Promo1Sec



**Security and Surveillance Promo Kit**

**10Promo1Sec**



Maintain a fully secure household. Omni controllers are UL Listed, CP-01 compliant security and fire systems that detect intrusion, smoke/fire, carbon monoxide, water, and other hazards.

All lights turn on in event of alarm or fire. View and record surveillance video of the nursery, pool, or front door.

Use Snap-Link on any computer to securely access and control your home from anywhere in the world.

**INCLUDED WITH PACKAGE**

HAI OmniPro II Controller for Structured Wiring Enclosures	20A00-8
HAI OmniTouch 5.7e Touchscreen	53A00-2
HAI Omni Console	33A00-1
HAI Camera Server	87A00-1
Mounting Plate	87A04-2
One Port PoE Injector	90A00-1
Day/Night Color Bullet Camera	68A02-1
Coupon for HAI Automation Studio Software	1126
Coupon for HAI Dealer PC Access Software	1105W
Coupon for HAI Snap-Link Software	1120



10Promo2CommSec



**Commercial Security & Access Control Promo Kit**

**10Promo2CommSec**



Prevent unauthorized access to rooms, pools, or outbuildings. Manage and track employees. Provide access based on authority level and time of validity.

Have the thermostat turn off during a fire to prevent the spread of smoke and flames.

Have the thermostat set back and unused lights turn off when leaving the building. Settings restore automatically when returning, saving energy.

**INCLUDED WITH PACKAGE**

HAI OmniPro II Commercial Controller	20A00-5
HAI OmniTouch 5.7e Touchscreen	53A00-2
HAI Omni Console	33A00-1
12VDC Electric Door Strikes (qty. 2)	79A00-1
Access Control Card Readers (qty. 2)	75A00-1
Access Control Cards (Pack of 10)	78A00-1
Access Control Key Tags (Pack of 10)	78A00-2
HAI Omnistat2 Multistage & Heat Pump with Humidity Control, White (qty. 2)	RC-2000WH
One Port PoE Injector	90A00-1
Coupon for HAI Automation Studio Software	1126
Coupon for HAI Dealer PC Access Software	1105W
Coupon for HAI Snap-Link Software	1120



Add any of HAI's products to a Promo Kit for additional safety, entertainment, or energy management features!



**Energy Management Promo Kit**  
**10Promo3Energy**



Use HAI's Omnistat2 thermostats to increase energy efficiency with advanced programming.

The Lumina Pro controller automatically sets temperature and lighting levels based on occupancy, time, or event.

HAI's Load Control Module lets you control power consumption of pool pumps, hot water heaters and more with no new wires.

**INCLUDED WITH PACKAGE**

HAI Lumina Pro Controller	44A00-2
HAI Lumina Mode Switch	38A00-3
HAI OmniTouch 5.7e Touchscreen	53A00-2
HLC Load Control Module	71A00-1
HAI Omnistat2 Multistage & Heat Pump with Humidity Control, White (qty. 1)	RC-2000WH
Extended Range Indoor/Outdoor Temp & Humidity Sensor	31A00-8
One Port PoE Injector	90A00-1
Coupon for HAI Automation Studio Software	112E
Coupon for HAI Dealer PC Access Software	1105W
Coupon for HAI Snap-Link Software	1120



**Lighting Promo Kit**  
**10Promo4Lighting**



Enhance your home with elegant lighting control. Never walk into a dark home again. Coordinate lighting and set by schedule, time of day, or event (such as motion for pathway lighting). Set the mood by selecting "Dinner" or "Task Lights" in the kitchen with the Scene Switch.

**INCLUDED WITH PACKAGE**

HAI OmniPro II Controller for Structured Wiring Enclosures	20A00-8
HAI OmniTouch 5.7e Touchscreen	53A00-2
HAI Omni Console	33A00-1
600W UPB™ Dimmer Switches (Case of 12)	35A00-1CS

UPB™ Powerline Interface Module to Computer Cable	36A05-2
Auxiliary Switches (qty. 3)	37A00-1
Six-Button Scene Switches (qty. 2)	38A00-1
Table Top Scene Switch Cradle	38A15-WH
Scene Switch Remotes (qty. 2)	38A14-1
Phase Coupler	39A00-1
15A Relay Switches (qty. 2)	40A00-1
One Port PoE Injector	90A00-1
Coupon for HAI Automation Studio Software	112E
Coupon for HAI Dealer PC Access Software	1105W
Coupon for HAI Snap-Link Software	1120

Add any of HAI's products to a Promo Kit for additional safety, entertainment, or energy management features!

PROMO KITS

ENTERTAINMENT KITS



**Home Theater Lighting Promo Kit**  
**10Promo5Theater**



This home theater lighting control kit is perfect for anyone interested in upgrading their home entertainment environment with HAI home automation control. Incredibly simple to install and requires no new wires. Use the remote control to turn down the lights as a movie begins, easily setting a perfect scene for your favorite films.

**INCLUDED WITH PACKAGE**

600W UPB™ Dimmer Switches (qty. 2)	35A00-1
UPB™ Lamp Modules (qty. 2)	59A00-1
Phase Coupler	39A00-1
Six-Button Scene Switch	38A00-1
Scene Switch Remote	38A14-1
White Table Top Scene Switch Cradle	38A15-WH



**Audio Promo Kit**  
**10Promo6Audio**



Create an audio network in your home and integrate your music. Also control lights, temperature, security and more from the in-wall Omnicore 5.7e Touchscreen. Quickly add a music source by plugging an iPod™ into an HAI RIM (Remote Interface Module) and control the selections from anywhere.

**INCLUDED WITH PACKAGE**

Hi-Fi by HAI 4 Zone, 4 Source Kit for Structured Wiring Enclosures	62A00-2
HAI Omnicore II Controller for Structured Wiring Enclosures	20A00-8
HAI Omnicore 5.7e Touchscreen	53A00-2
HAI Omnicore Console	33A00-1
Hi-Fi by HAI Retractable Cables (qty. 4)	62A13-1
Hi-Fi by HAI Retractable Cables (qty. 4)	62A14-1
One Port PoE Injector	90A00-1
Serial Connectivity Cable	36A05-4
IR Flashers (qty 4)	62A08-1
Coupon for HAI Dealer PC Access Software	1105W
Coupon for HAI Automation Studio Software	1126
Coupon for HAI Snap-Link Software	1120

Add any of HAI's products to a Promo Kit for additional safety, entertainment, or energy management features!



**IP-Based Product Suite Promo Kit**  
**10Promo7IP**

The sophistication of power over Ethernet IP-based network technology is available from HAI for your home automation system. Each of these products works in tandem to advance various aspects of home automation. The OmniTouch 5.7e Touchscreen, Home Theater Extender, and OmniPro II controller are unified through HAI's Automation Studio software.

**INCLUDED WITH PACKAGE**

HAI OmniPro II Controller	20A00-8
HAI OmniTouch 5.7e Touchscreen	53A00-2
HAI Home Theater Extender (HTX)	86A00-1
8 Port PoE Switch for Structured Wiring Enclosures	91A00-2
Coupon for HAI Dealer PC Access Software	1105W
Coupon for HAI Automation Studio Software	1126
Coupon for HAI Snap-Link Software	1120



**Training Promo Kit**  
**10Promo8Train**

Includes a huge assortment of HAI automation devices such as the OmniTouch 5.7e Touchscreen interface, Home Theater Extender, Omnistat2, Hi-Fi by HAI home audio system, and even the HAI Camera Server. Also featured in this kit is a copy of five different HAI home automation softwares, including the advanced custom interface design tool Automation Studio. Ensure your team is knowledgeable in all aspects of modern home automation with this complete training kit. Attend an HAI training session and receive a special rebate. Rebates only available to those who attend an HAI Training.

**INCLUDED WITH PACKAGE**

HAI OmniTouch 5.7e Touchscreen	53A00-2
HAI Omni Console with Speaker/Mic	33A00-4
HAI Home Theater Extender (HTX)	86A00-1
HAI Camera Server	87A00-1
Hi-Fi by HAI 4 Zone, 4 Source Kit for Structured Wiring Enclosures	62A00-2
HAI Omnistat2 Multistage & Heat Pump with Humidity Control, White	RC-2000W

Day/Night Bullet Camera	68A02-1
Mounting Plate	87A04-2
8 Port PoE Switch for Structured Wiring Enclosures	91A00-2
OP2 for Structured Wiring Enclosures	20A00-8
600W UPB Dimmer Switches (Case of 12)	35A00-1CS
UPB PIM	36A05-2
Serial Connectivity Cable	36A05-4
Two-Way Voice Module	10A11-1
Outdoor Temp/Humidity Sensor	31A00-8
Four Relay Module	10A07-1
Scene Switch	38A00-1
Table Top Scene Switch Cradle, White	38A15-WH
Scene Switch Remote	38A14-1
Coupon for HAI Dealer PC Access Software	1105W
Coupon for HAI Automation Studio Software	1126
Coupon for HAI Snap-Link Software	1120
Coupon for HAI WL3 Software	1112
Coupon for HAI Home Control Software	1109

Add any of HAI's products to a Promo Kit for additional safety, entertainment, or energy management features!



## International Promo Kits

Includes a vast assortment of advanced HAI home automation products from our entire range of quality devices. Choose a language version of the proven OmniPro II controller board. Enjoy access control, energy management, entertainment, and wireless features all through a variety of simple to use Touchscreen, keypad, and software interfaces.

English	10PromoIntl
French	10PromoIntl-FR
Italian	10PromoIntl-IT
European Spanish	10PromoIntl-SPE
Latin American Spanish	10PromoIntl-SPA
Catalan	10PromoIntl-CAT
Traditional Chinese	10PromoIntl-CHT
Simplified Chinese	10PromoIntl-CHS

### INCLUDED WITH PACKAGE

HAI OmniPro II Controller, Board Only (appropriate language version)	20A00-21		
CE Conversion Kit for HAI Omni II and OmniPro II Controllers	20A10-1		
Hi-Fi by HAI 4 Zone, 4 Source Kit for Structured Wiring Enclosures	62A00-2		
HAI OmniTouch 5.7e Touchscreen (appropriate language version)	53A00-2		
HAI Home Theater Extender (HTX)	86A00-1		
HAI Camera Server	87A00-1		
HAI Cellular Communication Center (C3)	70A00-1		
Access Control Keypad	54A00-1		
Serial Connectivity Cable	36A05-4		
Wireless 64-Zone Receiver	45A00-1		
Wireless Door/Window Transmitter	46A00-1		
Wireless Quad Pet Immune Motion Detector	47A00-1		
Wireless Four-Button Keyfob	48A00-1		
Wireless Panic/Alert Pendant	50A00-1		
Wireless Recessed Door and Window Contact	56A00-1		
Wireless Vanishing Contact	57A00-1		
		Wireless Mini Door and Window Contact	58A00-1
		Wireless Glass Break Detector	61A00-1
		Wireless 4-Button Keypad	69A00-1
		Day/Night Color Bullet Camera	68A02-1
		Access Control Card Reader	75A00-1
		Access Control Card Pack of 10	78A00-1
		Access Control Key Tag Pack of 10	78A00-2
		12VDC Electric Door Strike (Fail Secure)	79A00-1
		Power Hub for Structured Wiring Enclosures	83A00-2
		Universal Mounting Plate Kit for HAI Camera Server with Power Supply	87A04-2
		8-Port PoE Network Switch for Structured Wiring Enclosure	91A00-2
		HAI Automation Studio Software	1126
		HAI Dealer PC Access Software	1105W
		HAI Snap-Link Software	1120
		HAI Snap-Link Mobile Software	1120M
		HAI Home Control	1109

## SPECIFICATIONS

### HAI Product Wiring Requirements and Distances

Product Name	Part Number	Wire Type	Conductors	Max. Length	Twist	Shield
Consoles/Keypads	33A00-ALL*	22 AWG	4	1000**	No	No
OmniTouch 5.7	53A00-1	22 (2) AWG	4	724***	No	No
OmniTouch 5.7 w/Touchscreen Hub	53A00-1	CAT-5 (patch)	8	800	N/A	N/A
Hi-Fi RIM	62A04-1	CAT-5 (patch)	8	500	N/A	N/A
Hi-Fi VSC	62A03-1	CAT-5 (patch)	8	250	N/A	N/A
Hi-Fi Speaker	n/a	16 AWG	4	TBD	N/A	N/A
Expansion	17A00-ALL	22 AWG	3	1000**	No	No
GE Wireless Receiver	42A00-1	22 AWG	4	1000**	No	No
HAI Wireless Receiver	45A00-1	22 AWG	4	1000**	No	No
Omnistat	RC-ALL	22 AWG	4	19,000	No	No
ALC Interface	25A00-ALL	20 AWG	4	500****	Yes	No
Speaker	33A00-20, 33A00-4	18 AWG	2	50*****	Yes	No
Microphone	33A00-20, 33A00-4	24 AWG	2	100	Yes	Yes
Extended Range In/Outdoor Temp Sensor	31A00-ALL	22 AWG	4	N/A	No	No
Remote Indoor Temperature Sensor	23A00-ALL	22 (5) AWG	2	250*****	Yes	Yes
PESM	1101A	22 AWG	4	N/A	No	No
Water Temperature Sensor	14A00-8	22 AWG	3	N/A	No	No

- \* 33A00-4 and 33A00-20 requires additional wiring for speaker/microphone.
- \*\* 1000 feet limit for entire AB Bus combined.
- \*\*\* Exact wire determined by distance and wire type.
- \*\*\*\* Wire limit per branch.
- \*\*\*\*\* For distance up to 100 feet, use 16 AWG.
- \*\*\*\*\* Size of wire requirements based on insulation and distance.



## HAI takes great pride in the compatibility of our products.

HAI continues to develop relationships with other manufacturers in the industry to integrate our products with theirs. These efforts provide flexibility for the homeowner to add and upgrade products as desired.

### Access Control

Black & Decker  
www.bdhii.com

### Accessory

Borg Displays  
www.borgdisplays.com

Cartell  
www.cartell.com

Luxul Wireless  
www.luxulwireless.com

Samsung  
www.samsung.com

### Audio & Video

AMX  
www.amx.com

Atlona  
www.atlona.com

Audio Authority  
www.audioauthority.com

Autonomic Controls  
www.autonomichome.com

AVocation  
www.avocationsystems.com

Crestron  
www.crestron.com

Elan  
www.elanhomesystems.com

NuVo  
www.nuvotechnologies.com

Philips  
www.pronto.philips.com

Proficient Audio Systems  
www.proficientaudio.com

Russound  
www.russound.com

SpeakerCraft  
www.speakercraft.com

Xantech  
www.xantech.com

Zektor  
www.zektor.com

### Design Tools & Services

D-Tools  
www.d-tools.com

InfuseboX  
www.infusebox.com

Mobile Technology

Only One Remote  
www.onlyoneremote.com

### Interfaces

Charmed Quark Systems  
www.charmedquark.com

Connected Hearth  
www.connectedhearth.com

HomeLogic  
www.homelogic.com

HomeSeer  
www.homeseer.com

Myro Control  
www.meetmyro.com

Omnipotence Software  
www.omnipotencesoftware.com

### Irrigation

WGL & Associates  
www.wgl designs.com

**Lighting (110VAC)**

Centralite  
www.centralite.com

Clipsal  
www.clipsal.com

Electronic Design Technology (EDT)  
www.edt.biz

Leviton  
www.leviton.com

Lightolier Controls  
www.lolcontrols.com

LiteTouch  
www.litetouch.com

Lutron  
www.lutron.com

Legrand  
www.onqlegrand.com

PCS  
www.pcslighting.com

Smarthome Mfg  
www.smarthomemfg.com

**Lighting (220/230/240VAC)**

Centralite  
www.centralite.com

Clipsal  
www.clipsal.com

Dynalite  
www.dynalite.com

Lutron  
www.lutron.com

PLC  
www.plc.com.au

Sistema Casa  
www.sistemacasa.it

**Security**

DSC  
www.dsc.com

iON Security  
www.ion-digital.com

Sequel Technologies  
www.sequeltechnologies.com

**Structured Wiring**

Home Director  
www.homedirector.com

Leviton  
www.leviton.com

Legrand  
www.onqlegrand.com

Ustec  
www.ustecnet.com

**Window Coverings**

Lutron  
www.lutron.com

SOMFY  
www.somfysystems.com





*With the HAI systems in place... homes sell 50% faster and at prices 3-5% higher than before.*

*K. Eckhaus, Builder  
Las Vegas, Nevada, USA*



## Sell more homes and set yourself apart from the competition—

Offer home technology from the premier manufacturer of home control systems.

- LEED Points
- Model Home Product Rebates
- Free Product Literature
- Model Home Support Kit
- CSI Format Architectural Specifications
- CEA TechHome Rating System
- Yard Signs
- Customizable Volume Packages Available
- International Network of Trained Dealers/Installers
- Training Available for Builder's Preferred Installers
- Microsoft® Visio Stencils
- HAI features builder projects on [homeauto.com](http://homeauto.com)

Contact HAI or one of our Distribution Partners or Dealers for information regarding our Builder Partner Program to start selling more homes faster today.

### TechHome Rating System

The TechHome Rating System was developed by the Consumer Electronics Association to help builders evaluate and compare the level of installed technology in the home. Learn how to increase the value of the home and maximize the return on investment. Evaluate the home based upon categories including Home Entertainment, Communications, PC Networking, Home Security, Home Comfort (Energy Management), and Structured Wiring System. How do the homes you're selling rate? Download a copy of the TechHome Rating System at [techhome.com/resources.html](http://techhome.com/resources.html) or [www.homeauto.com](http://www.homeauto.com).

### LEED Certification

Many of HAI's products can help you achieve a LEED qualified house. Our products add points to your build, and could propel you into a higher qualification. Check HAI's Featured Project page on [homeauto.com](http://homeauto.com) for LEED applications.





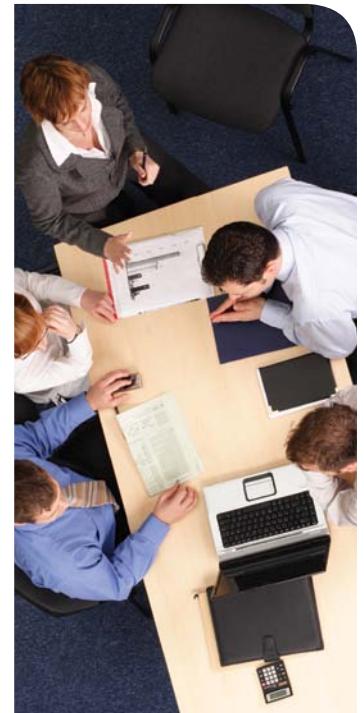
## The resources software developers need to interface with the best in home automation.

The HAI Developer Support Program was created for software developers who want to generate software that works with HAI products.

To join the HAI Developer Support Program, complete an application for approval by HAI. Every Developer Support application will be processed by HAI's Director of Technical Services within two business days.

Once approved, the software developer will have access to the following resources:

- Programming protocols, SDK, documentation, and examples
- A forum for developers to share experiences or ask questions
- Dealer level access to HAI's Knowledge Base
- All HAI manuals, including installation manuals
- High-resolution versions of HAI logos and product images



The screenshot shows the HAI Developer Support website. At the top, there is a navigation bar with 'Admin' and 'Logout' buttons. Below the header, the main content area is titled 'Welcome Developer Support User'. It is divided into several sections: 'Programming' (HAI has released a SDK and published its internal product communication protocols...), 'HAI Connectivity Partner' (If you have developed a commercially available application...), 'Downloads' (You have access to HAI's downloads...), 'Knowledge Base' (You have dealer level access to the HAI Knowledge Base...), 'Forum' (HAI has created a Developer Support Forum...), 'Tech Support' (For product issues, please call Tech Support...), and 'News' (7/31/09: HAI Releases 7/31/09 Beta Version of SDK, 5/12/09: HAI Releases Omni-Link Utility, 3/10/09: HAI Releases BETA SDK, 3/6/09: HAI Releases Updated Documents for Omni-Link Serial Protocol and Omni-Link II Ethernet Protocol, 3/4/09: HAI ASCII Lighting Protocol Released). A footer at the bottom reads 'Copyright 1996 - 2009 HAI. All rights reserved.'

The HAI Developer Support website holds a wealth of reference material and tools only accessible by registered HAI developers.





## Five Star Dealer



### Benefits of Being a Listed Dealer

**Improved visibility to homeowners.** Consumers considering home automation visit [homeauto.com](http://homeauto.com) and find your company through HAI's dealer lookup pages.

**Sales leads.** Receive leads generated from HAI's marketing and sales efforts.

**Broader access to Knowledge Base.** Gain access to more Knowledge Base articles than the general public.

**Marketing assistance.** Download and use HAI's logos and high-quality product imagery for marketing your company. Download editable versions of HAI's brochures to customize your marketing message.

**Early access to information.** Be the first to receive information about HAI's new product releases. Also receive monthly Dealer Newsletters.

**Model homes promoted.** Have your model homes posted on [homeauto.com](http://homeauto.com).

**Forum support.** Connect with other dealers and get your questions answered.

**Five Star Dealer consideration.** Join an elite group of HAI Listed Dealers.

### How Do I Become an HAI Listed Dealer?

In order to become an HAI dealer listed on HAI's website, you must meet the following requirements:

- Attend at least one HAI training class.
- Complete the installation of at least three HAI systems.
- Agree to strictly adhere to standards as instructed in HAI training classes.
- Commit to providing professional excellence and customer service in the installation of all HAI products.

Upon satisfying these requirements, complete an online application on the Guest Dealer Support Website. Your application will be reviewed by HAI's sales staff, including the Sales Territory Manager responsible for your area. When you are approved, you can begin enjoying the benefits of being an HAI Listed Dealer.

### HAI Five Star Dealer

The HAI Five Star Dealer program acknowledges HAI's outstanding dealers each year for their loyalty to HAI's products, expertise in their field, the number of installations of HAI systems done in the previous calendar year, and marketing savvy.

HAI's Five Star Dealers receive an enhanced dealer listing on the HAI website with the HAI Five Star Dealer logo. Each Five Star Dealer receives the HAI Five Star Dealer logo to use in their marketing. These dealers also receive a wall plaque proudly displaying their Five-Star Dealer status to customers that visit their office.

To be considered for Five Star status, every HAI Listed Dealer (including current Five Star Dealers) submits an annual application. You must be an HAI Listed Dealer to be eligible for Five Star Dealer consideration.

## Professional HAI Training

HAI offers a variety of training options to familiarize installers with how to sell, use, and install HAI products. HAI training partners also offer a variety of classes on the technology needed to automate your home or business.

## Factory Training

Factory Training is a two-day event at HAI's headquarters, located in New Orleans, Louisiana. Detailed installation and system programming instruction is provided. Students work hands-on with a home control system and computer to learn how to install and set up an HAI system. There is a fee to attend this class and seating is limited. Contact [training@homeauto.com](mailto:training@homeauto.com) for more information.

## Free Classroom Training

HAI offers FREE classroom training that may be directly sponsored by HAI, or by an HAI Wholesale Distribution Partner where they are called VIP Workshops. All HAI classes have the benefit of an HAI employee instructor.

Classes offered at no charge include:

- HAI Installation Training**
- HAI New Products**
- Hands On Training**
- Hi-Fi by HAI**
- Introduction to Home Automation**
- Automation 101**
- HAI Application Programming**
- Whole House Lighting Control & Home Automation**
- Designing a Home Automation System**

## Online Training Videos & Presentations

Training videos are available to Dealers and Distributors on the Dealer Support and Distributor Support websites. Additionally, HAI offers webinars that provide the same training that is available in its Free Classroom Training. To view webinars visit [www.homeauto.com/webinar](http://www.homeauto.com/webinar)

## International Training

Visit [www.hai-international.com](http://www.hai-international.com) often for classes scheduled in various countries around the world.

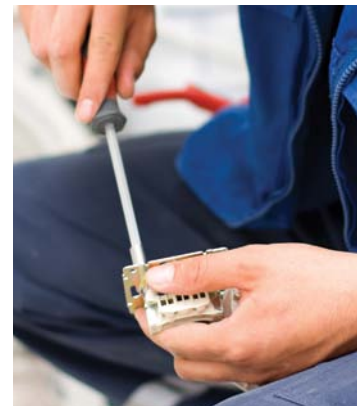


[www.homeauto.com/training](http://www.homeauto.com/training)

HAI Training is intended for HAI Dealers, professional installers, and building contractors.



VIP Workshops are sponsored by HAI Wholesale Distribution Partners.



Several classes are eligible for credits—and many classes carry state approvals.



## Unparalleled support in so many ways: HAI provides Dealers and Distributors a wealth of tools for success.

### Dealer and Distributor Websites

HAI maintains separate Dealer support and Distributor support websites that share common offerings. To keep them secure, a user ID and password login is provided.

Dealers who have not yet been confirmed as HAI Listed Dealers can still log in to the Dealer support website as a Guest for a limited access view of all that is available.

### Downloads

Download all product materials including owners manuals, installation manuals unavailable on the HAI public website, product technical sheets, and quick start guides. Also available for download are all brochures, integration notes for Connectivity Partner products, manufacturer's suggested retail price, minimum advertised price (distributor support only), and return authorization forms.

### Updates from HAI

Technical Advisories are important alerts regarding installation issues, and Technical Bulletins are important alerts regarding product issues.

Dealers and Distributors each receive monthly newsletters, which bundle all of the month's notable information, including upcoming trade shows, new product releases, training dates, technical support, and press releases.

### Knowledge Base: 24/7 Support

HAI's Knowledge Base at <http://kb.homeauto.com> is composed of documents formulated by HAI's Technical Support team. The Knowledge Base is available for 24/7 support. HAI Listed Dealers and Distributors can access this resource via their respective support websites. HAI's Online Forums also allow open sharing of ideas, applications, and setups.

### Training

HAI provides online training classes for convenient viewing by Dealers and Distributors. Additionally, HAI offers Dealer and Distributor-only webinars.

### Sales Leads

HAI provides Listed Dealers and Distributors valuable sales leads for their area.



## Programming Interfaces for HAI Products

Dealers and Distributors can download HAI's Omni-Link serial protocol or Pro-Link protocol documents to learn how to create an application that communicates with an HAI controller via a serial port.

Omni-Link II protocol supports both serial and Ethernet applications utilizing a TCP/IP protocol. For applications that communicate with an Ethernet port, Dealers and Distributors can download an API Kit.

The Application Directory is an invaluable document containing a host of applications and programs for PC Access. It also contains helpful information on troubleshooting and programming conventions.

## Marketing Materials

HAI offers printed literature that can be ordered for FREE to use as informational sales material for end users. The following pieces are currently available:

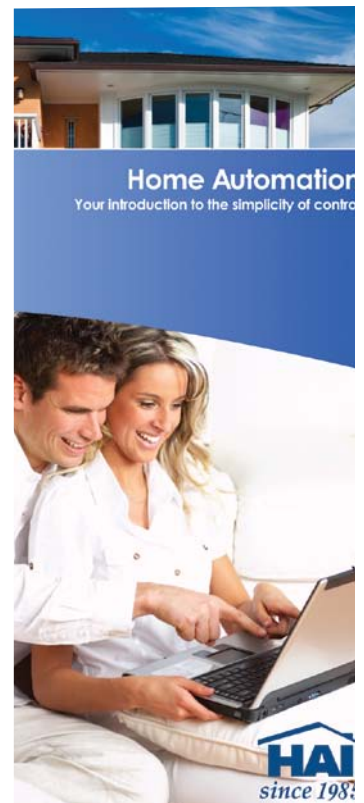
- Energy Management Brochure
- Entertainment Brochure
- Convenient Interfaces Brochure
- Safety & Security Brochure
- *What is Home Automation?* Handout
- *Learn About Home Automation* Booklet
- HAI 2010 Product Guide

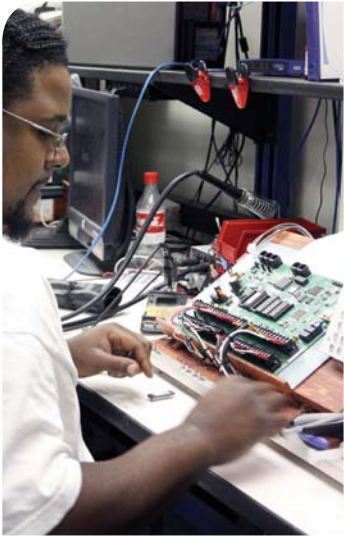
Listed Dealers and Distributors can download editable copies of many of these documents. Company contact information can then be added. High-resolution files of HAI's logos and products are also available to use in marketing efforts. Flash commercials and demonstrations can be downloaded and used on Dealer or Distributor websites, in sales presentations, or product demonstrations. Several sales videos are available to view and download.

HAI goes further by offering the *Automation Simplified® Training & Marketing Materials CD* for free. This CD contains a wealth of HAI marketing materials, product technical sheets, manuals, quick start guides, product demos, application directory, PowerPoint training presentations, and videos.

Dealers can order the **Model Home Support Kit (HAI part number SA-23)** through regular distribution channels. This kit includes discreet wall displays to articulate the benefits of an HAI automated home and a pair of attractive HAI yard signs. Also included is a supply of the newest *What is Home Automation?* handout which introduces the concept of home automation to end users.

**HAI Yard Signs (part number SA-30)** are also available through the HAI Online Store (dealer support website only). The HAI Online Store is your source for repair and replacement parts, as well as HAI firmware upgrades.





HAI's Dudley Malveaux, Test & Repair Technician, performing quality assurance testing.

## HAI stands behind our products with industry leading support and customer service.

HAI provides several Technical Support resources for our professional installing dealers:

- HAI Territory Sales Managers
- HAI 800 Technical Support: 800.229.7256 Option 1, or x400
- HAI Online Knowledge Base at <http://kb.homeauto.com>
- HAI Parts & Repair Department
- Warranties on all HAI products
- HAI Dealer Online Forum

Visit [www.homeauto.com](http://www.homeauto.com) for additional support and service information.

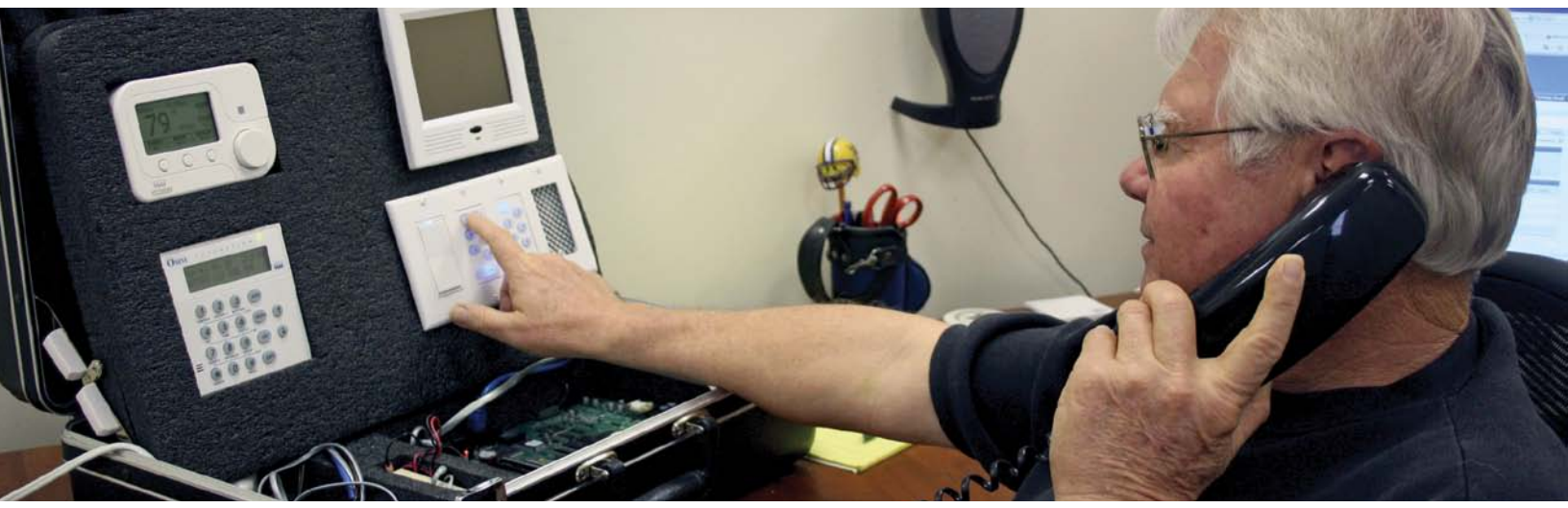


HAI's Ernie Sieber, Technical Support Supervisor, inspects HAI Access Control Readers.



**800.229.7256 x400 • [support@homeauto.com](mailto:support@homeauto.com)**

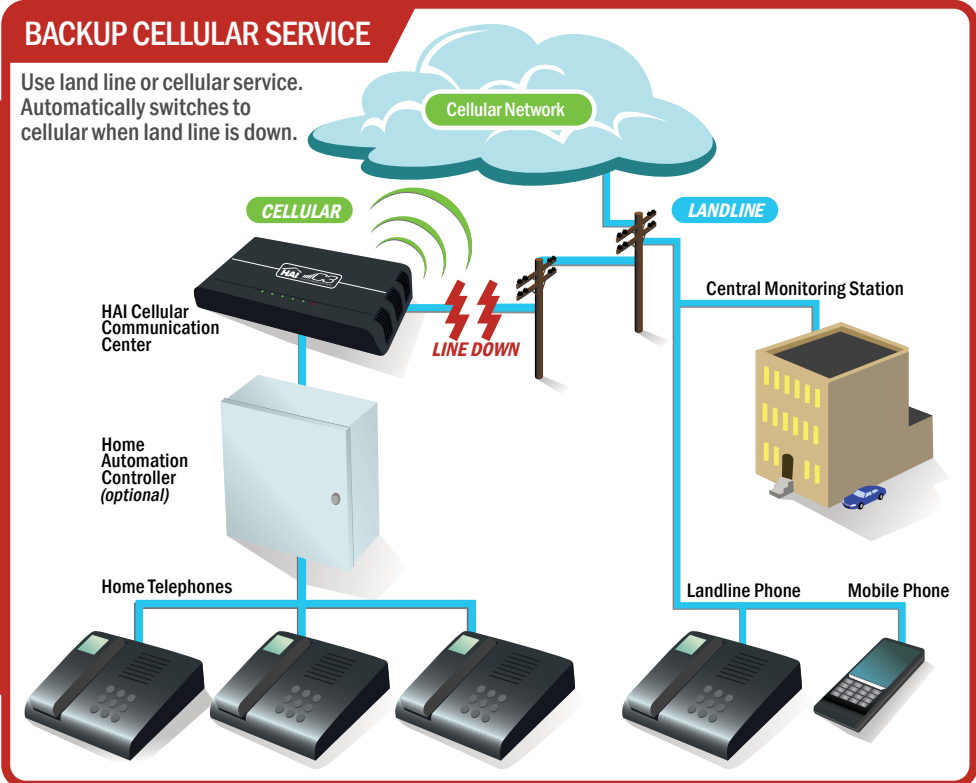
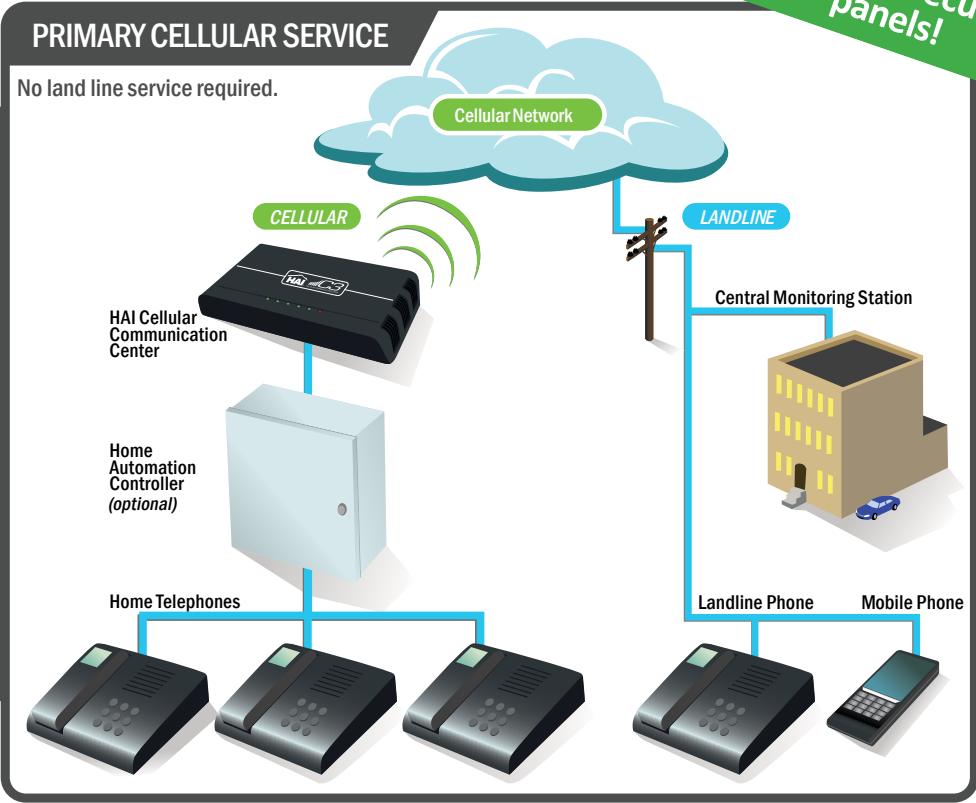
HAI's Tom Cressionnie, Technical Support Specialist, providing step-by-step assistance to a caller.



## NETWORK DIAGRAM

### C3 Cellular Service: Primary/Backup

Works with most standard security panels!



WIRING DIAGRAMS

C3 CELLULAR COMMUNICATION CENTER

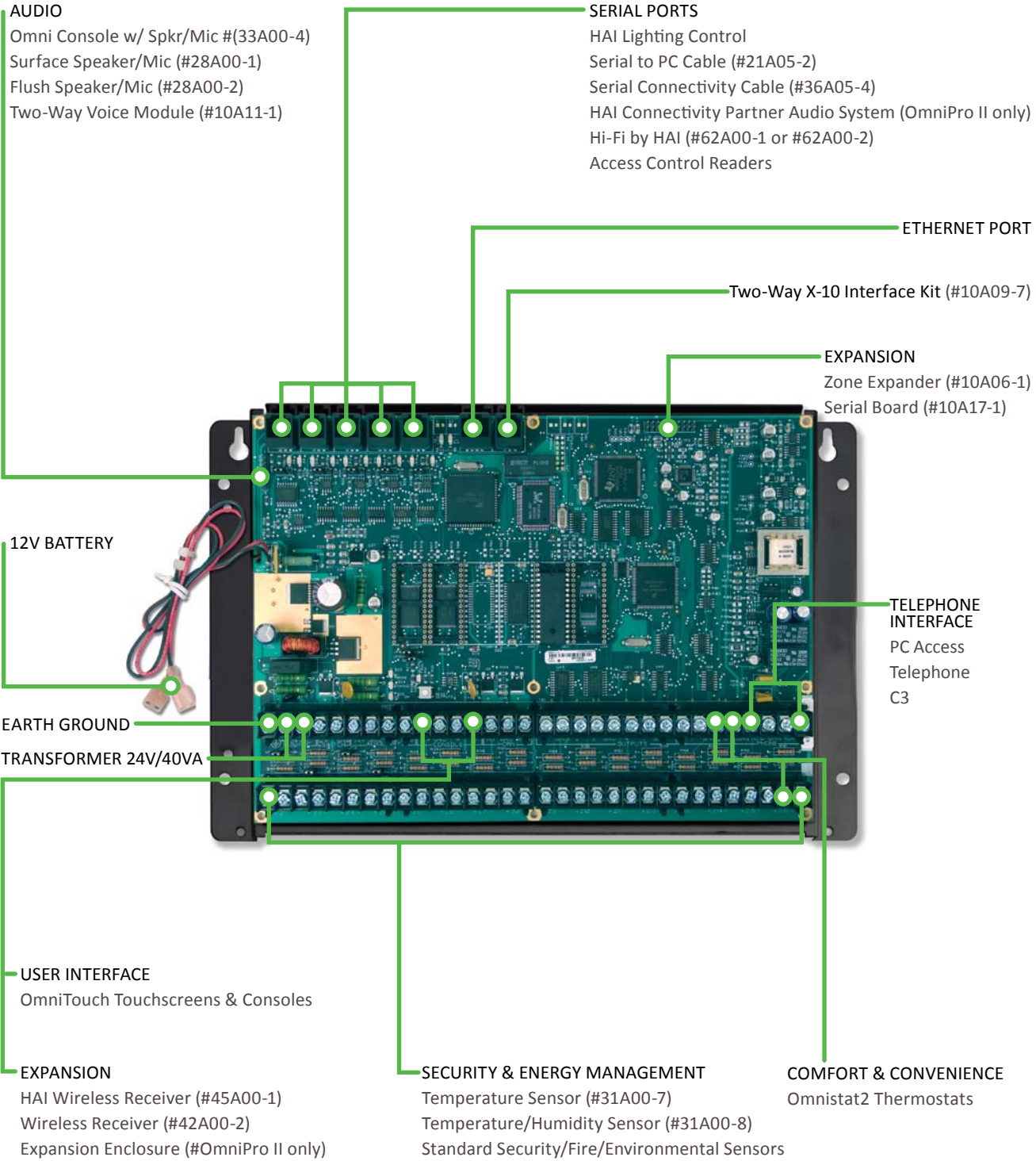
# WIRING DIAGRAM

## OmniPro II/Omni Commercial/Omni IIe



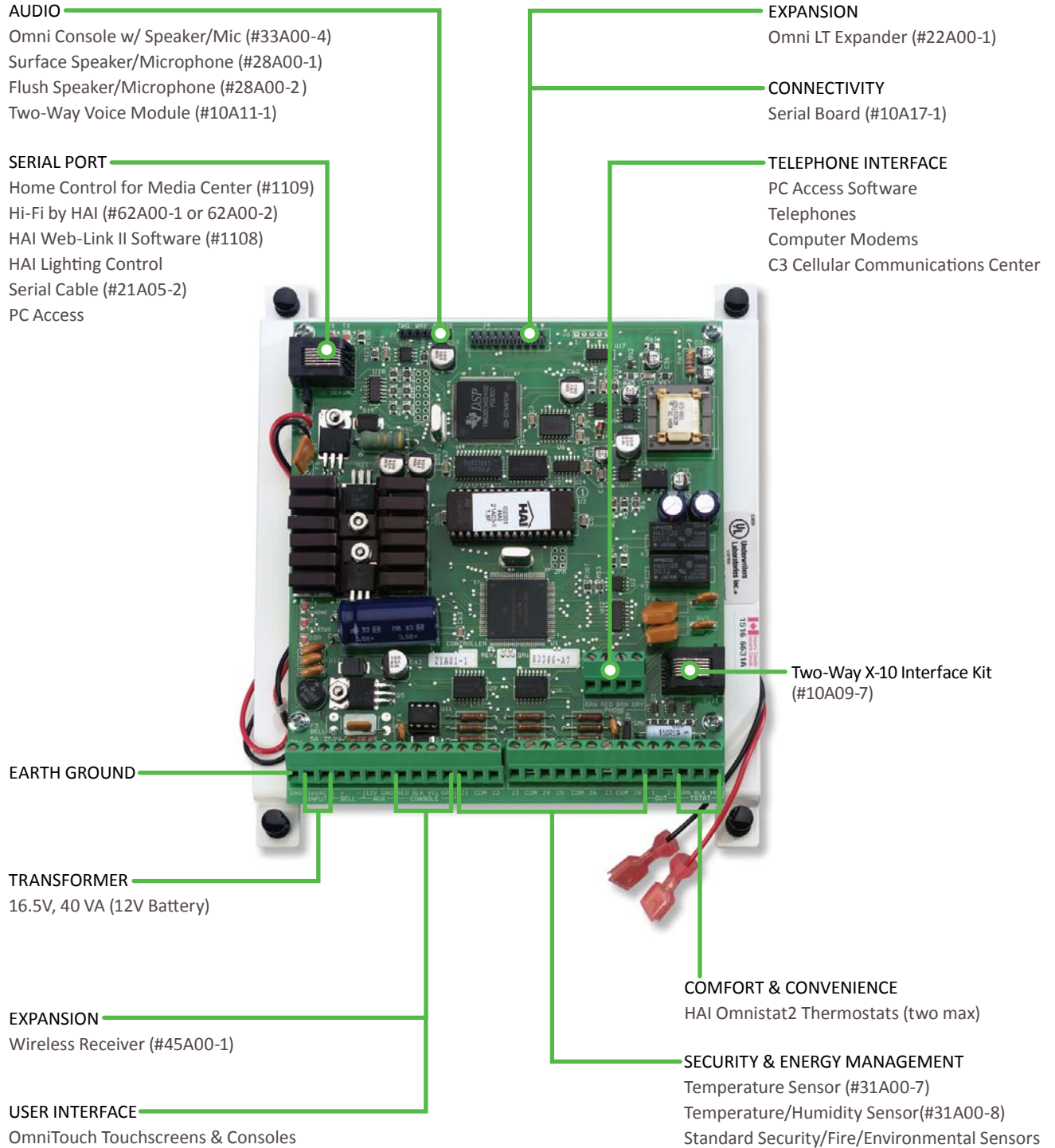
WIRING DIAGRAMS

OMNIPro II/OMNI IIe





**WIRING DIAGRAM**  
Omni LT Controller

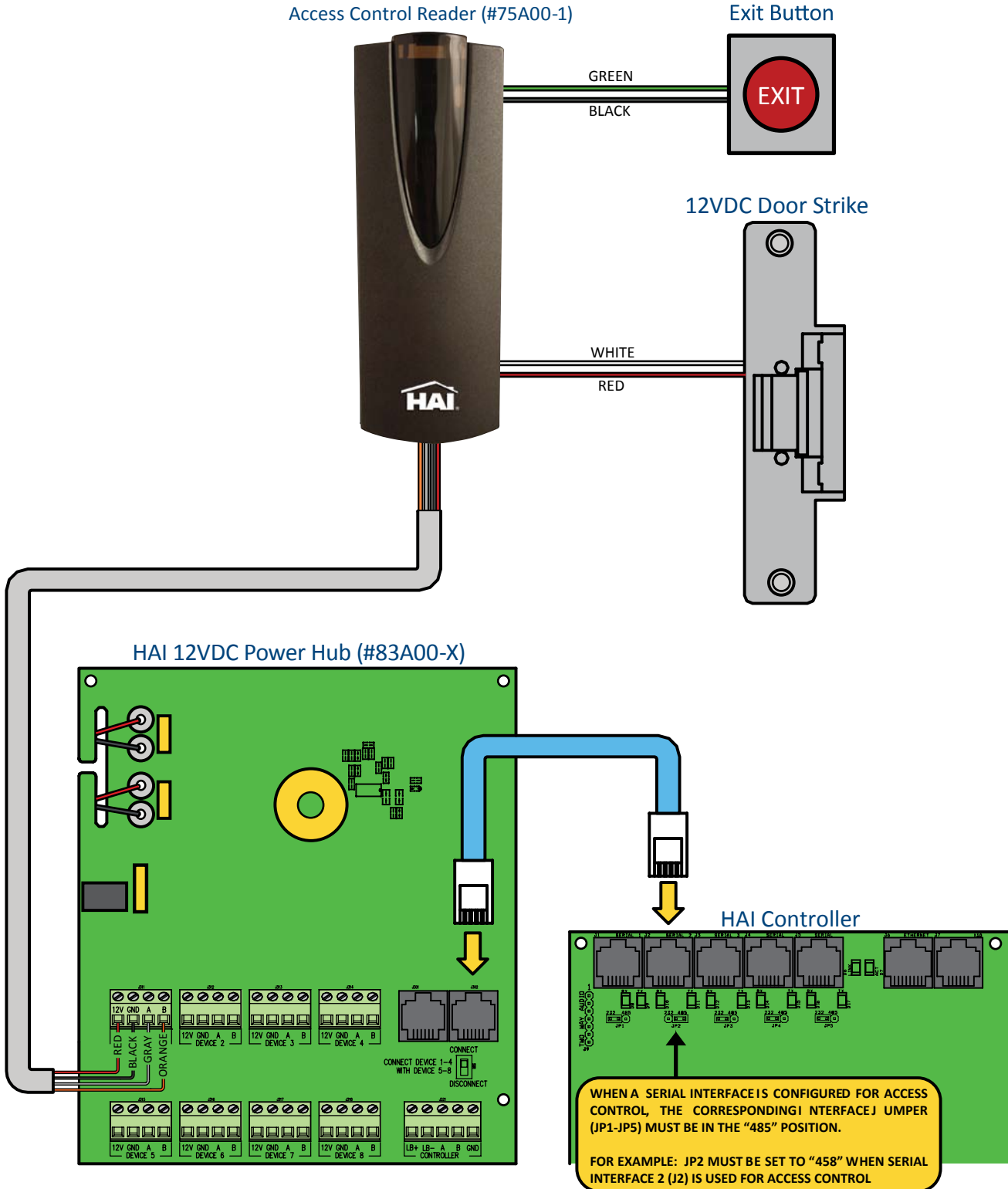


# WIRING DIAGRAM

## Access Control via HAI Power Hub (#83A00-X)

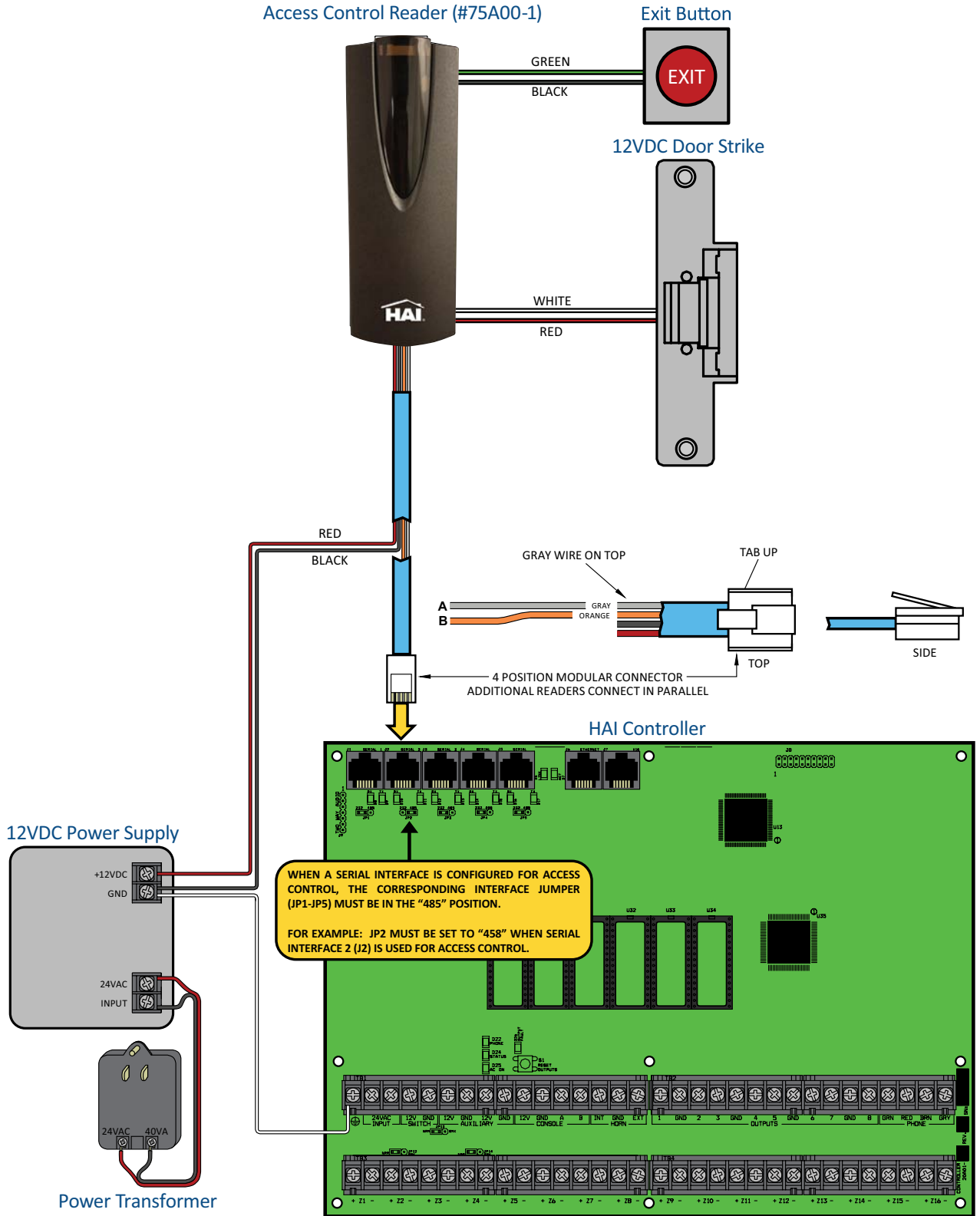
WIRING DIAGRAMS

ACCESS CONTROL



# WIRING DIAGRAM

## Access Control via non-HAI Power Supply



# WIRING DIAGRAM

## Lumina/Lumina Pro Controllers



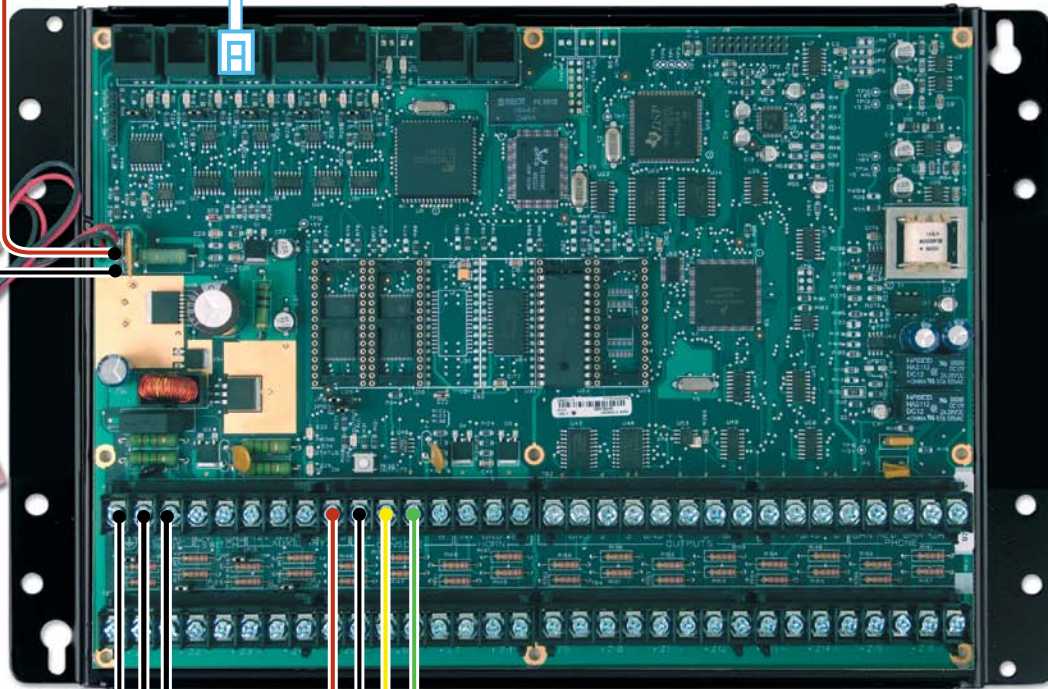
POWERLINE  
INTERFACE  
MODULE



6 CONDUCTOR



BATTERY

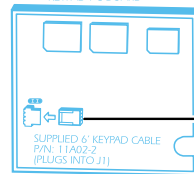


COLD WATER  
PIPE (METAL)  
OR  
GROUND ROD

POWER  
TRANSFORMER



KEYPAD PC BOARD



LUMINA KEYPAD

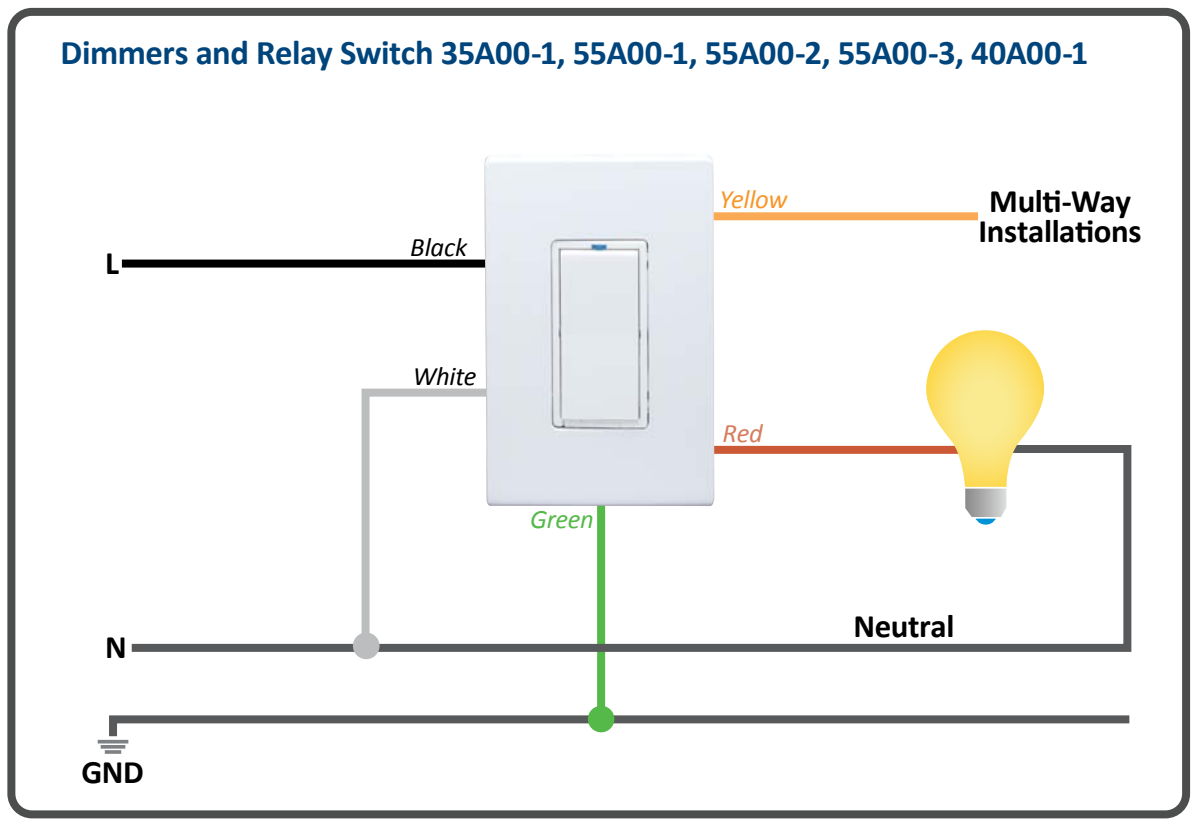
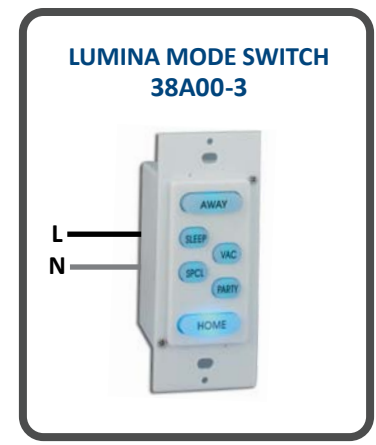
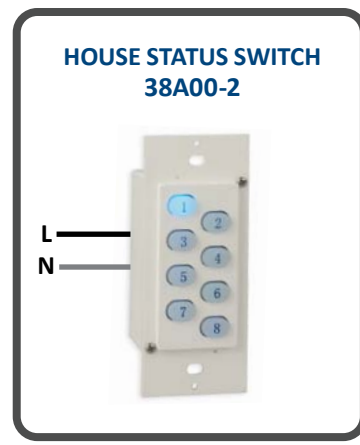
RED  
BLACK  
YELLOW (OR WHITE)  
GREEN

### WIRING DIAGRAM

Lighting Control Switches



WIRING DIAGRAMS  
LIGHTING CONTROL SWITCHES



**WIRING DIAGRAM**

HiFi by HAI

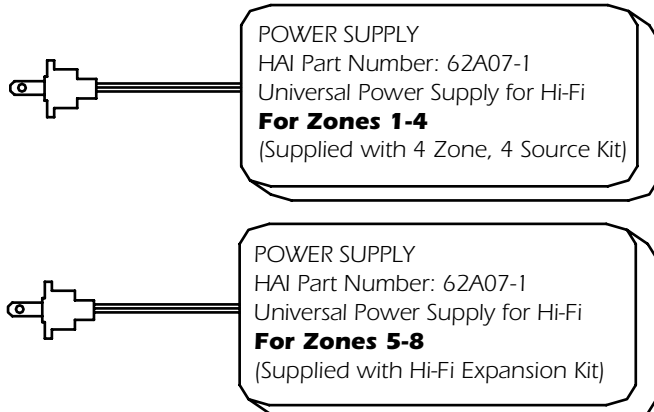
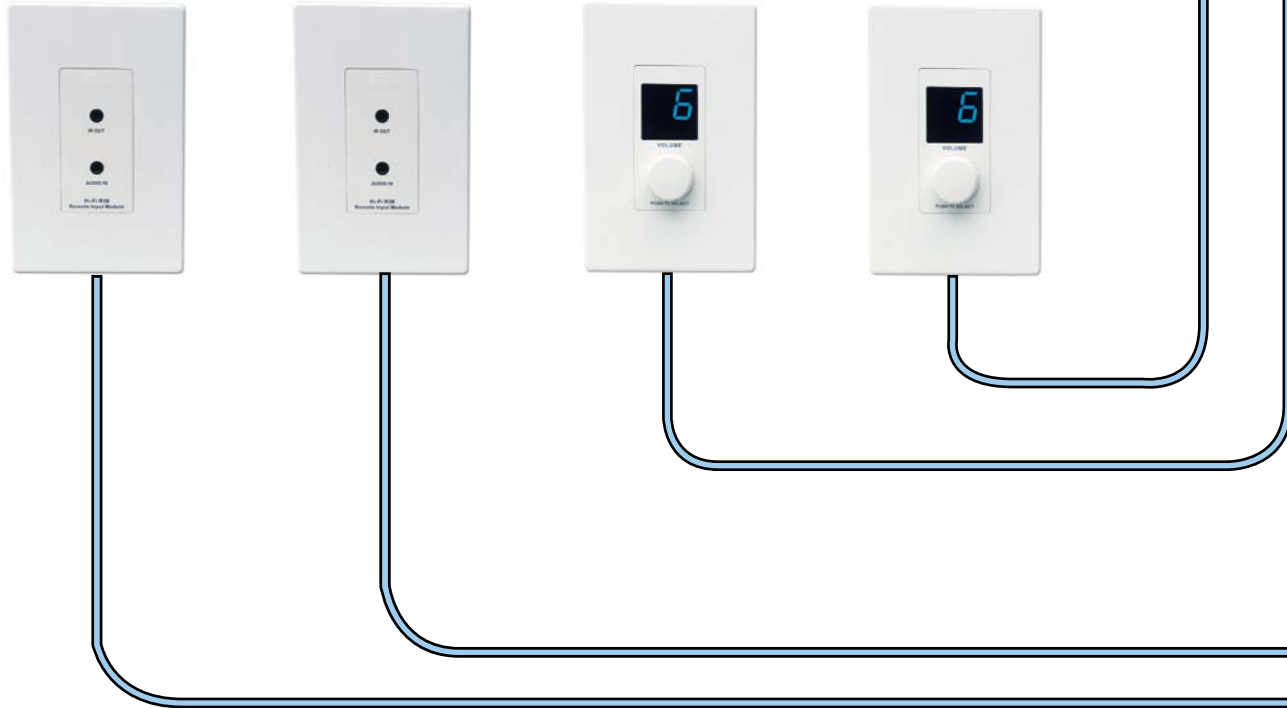


**RIM**

**VSC**

- **Remote Input Module** - allows any source from anywhere in the house to be listened to in any or all zones. It also has an IR emitter port for routed IR commands from the VSC.
- Use Cat 5 cable from the RIM to Remote Audio In on the Hi-Fi.
- Maximum of six RIMs.

- **Volume-Source Control** - control volume and select source, in addition to adjusting bass, treble, balance, and source gain. It also has an infrared receiver.
- Use Cat 5 cable from the VSC to Zone Control In on the Hi-Fi.
- Maximum of eight VSCs.

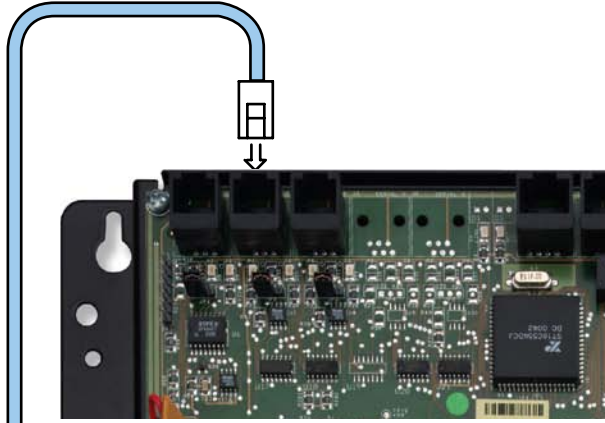


POWER SUPPLY  
 HAI Part Number: 62A07-1  
 Universal Power Supply for Hi-Fi  
**For Zones 1-4**  
 (Supplied with 4 Zone, 4 Source Kit)

POWER SUPPLY  
 HAI Part Number: 62A07-1  
 Universal Power Supply for Hi-Fi  
**For Zones 5-8**  
 (Supplied with Hi-Fi Expansion Kit)

One 62A07-1 Power Supply is used to power Zones 1-4. A second 62A07-1 Power Supply is used to power Zones 5-8.

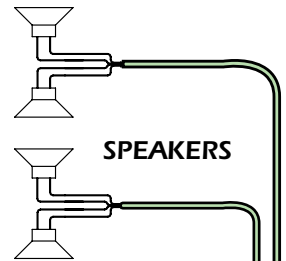
Connect to HAI controller to select zone and source, and control volume and power from an OmniTouch Touchscreen or via controller program.



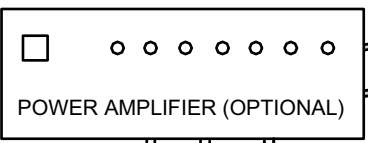
HAI CONTROLLER (OPTIONAL)

TO SERIAL PORT ON HAI CONTROLLER

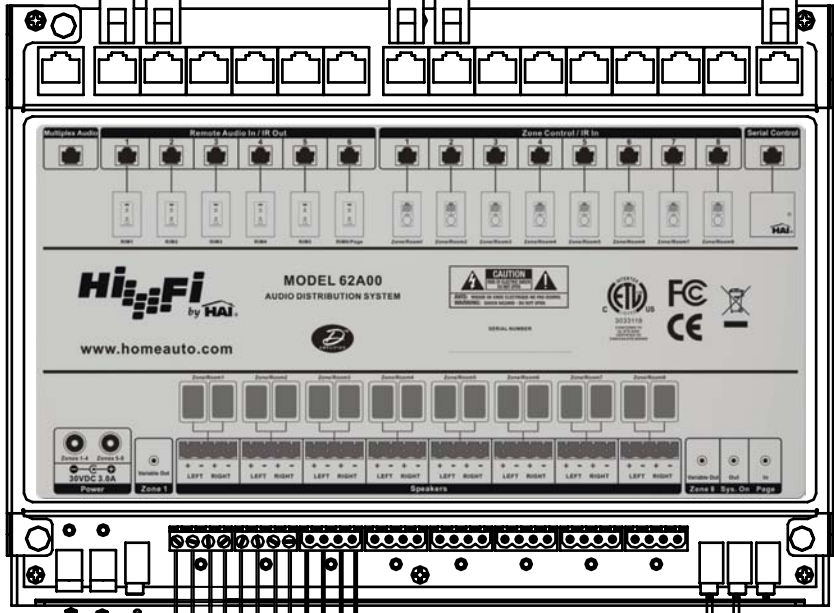
Hi-Fi has 2 variable outputs (Zone 1 and Zone 8) that allow you to deliver more power to the zone speakers through an optional power amplifier.



SPEAKERS



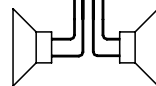
POWER AMPLIFIER (OPTIONAL)



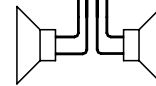
Use 16 gauge speaker wire (4 conductor stranded is suggested for neat installation)



SPEAKERS



SPEAKERS



SPEAKERS

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