



2011 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



ZigBee®
Products
designed for
ZigBee®



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



Product
includes all-
new features
for 2011



Product
planned for
release in
2011

Letter from the President



Thanks for your continued support in 2010! As HAI enters its 26th year in business, we are confident in our market position, offering the best value in automation and entertainment systems for home and small business. We greatly appreciate your long standing friendship and business and look forward to growing with you for many years to come.

New products for 2011 include Hi-Fi 2 by HAI, an all-new successor to our popular distributed audio system. The elegant Volume-Source Control (VSC) now includes an OLED display for source, volume, bass, treble, loudness and more. When used with a supported source like our Music Gateway, you even get the artist and title of the song playing, and the ability to skip to the previous or next song! With more power, zones, and sources in a wall mounted amplifier, Hi-Fi 2 is the most compact system of its kind on the market – no audio rack required. And as before, Hi-Fi 2 is so easy to use, anyone can enjoy it!

HAI has always believed that mobile access and control is fundamental to automation, starting with the early cell phones of 1988. HAI has apps for Android, iPhone, iPod Touch, iPad, and Windows computing platforms and web browsers, assuring customers control over their property from virtually anywhere for energy savings, surveillance, and convenience.

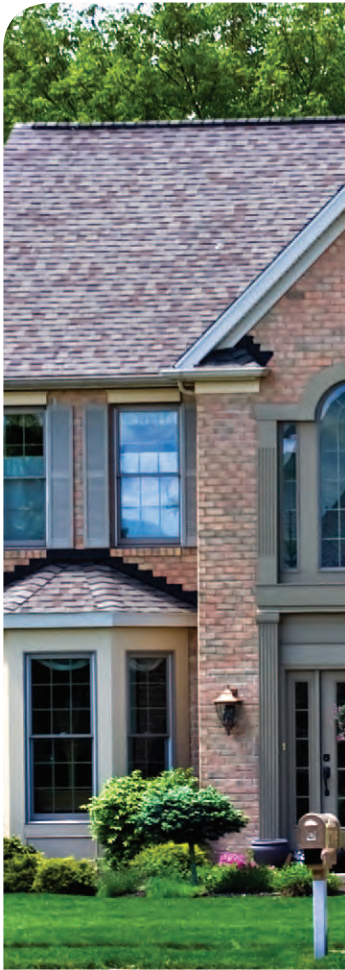
In the spirit of continuous improvement, we have added or enhanced offerings in our Touchscreens, controllers, wireless product line, lighting controls, and cameras. HAI has also expanded International offerings to include eight languages. There are even anodized aluminum faceplate options for a bold new look on our OmniTouch 5.7 and 5.7e Touchscreens!

SmartGrid Solutions continues to grow with substantial wins in utility trials, as well as Smart Energy certification and testing with major meter and gateway manufacturers. In 2011, we will release a new line of wireless energy management products using industry standard home automation profiles.

Keep in touch with HAI via your favorite social network, opt-in e-mail, www.homeauto.com, and of course your friendly HAI Regional Manager. Thank you again for your business. We look forward to continued success with you in 2011 and beyond!

Jay McLellan
President & CEO, HAI





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.

Over 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 marked the 25th anniversary of HAI and we look forward to continuing to provide the best in home automation in 2011 and beyond.

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.

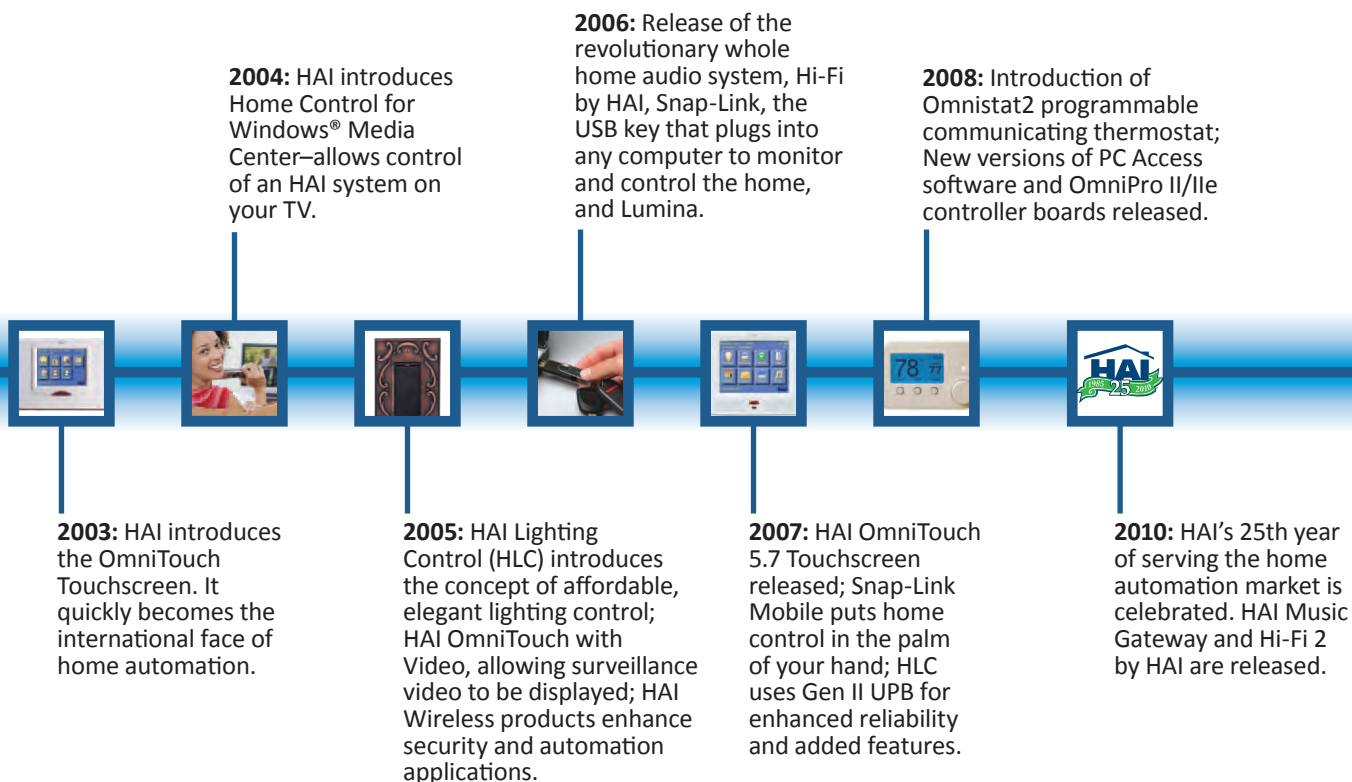
2002: OmniPro II replaces OmniPro. Video recording capabilities added to Web-Link II.

2010's new products and updates

- HAI Music Gateway Music and Surveillance Video Server
- Hi-Fi 2 by HAI 8-Zone, 8-Source Multi-Room Audio System
- Hi-Fi 2 by HAI 8-Zone Expansion Amplifier
- HAI OmniTouch 10pe Portable Touchscreen
- HAI Snap-Link Mobile for iPhone
- HAI Snap-Link Mobile for Android
- HAI OmniTouch Pro Software
- Freeze Watch Sensor
- International Omni Keypads
- International Lumina Consoles
- Indoor/Outdoor IP Camera
- Indoor/Outdoor Day/Night Bullet Camera
- Indoor/Outdoor Day/Night Dome Camera
- UPB™ Split Phase Repeater
- UPB™ Three Phase Repeater
- Wireless Driveway Sensor
- HAI OmniTouch 5.7/5.7e Anodized Aluminum Faceplates
- HAI OmniTouch Touchscreen Intercom
- Enhanced HAI Omnistat2 (RC-1000 and RC-2000)
- Enhanced HAI Omni and Lumina Series Controllers: Language Support
- Enhanced HAI OmniTouch 5.7e Touchscreen: Language Support
- Enhanced HAI OmniTouch 5.7 Touchscreen: Language Support
- Enhanced HAI PC Access Software: Language Support



All-new Volume-Source Control for the Hi-Fi 2 by HAI





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 mobile device. Adding home automation can also increase the value of your home.

HAI products will make your home 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 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 2; Omni & Lumina families)
- IS-60 (Canadian Standard - Omni & Lumina families)
- ENERGY STAR® Partner
- HAI's products are RoHS compliant



ZigBee®
Member



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, home entertainment, and intercom.

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 multi-language support

HAI products are available in the following languages (*identifies that language available in both voice and text for Omni and Lumina Controllers):

- *Catalan
- Chinese (Traditional and Simplified)
- *French
- German
- *Italian
- Portuguese
- *Spanish (European, Latin American)

Additionally, HAI's OmniTouch Touchscreens, PC Access programming software, and mobile apps for iPhone, iPad and Android are available in a wide variety of world languages.

HAI's international website, located at www.hai-international.com, supports four different world languages including English, French, Italian, Spanish, and highlights events, training opportunities, and projects.

HAI strives to provide information for as many markets as possible, expanding the availability of HAI products to every region. Contact internationalsales@homeauto.com for more information.

International market support

HAI makes available a multitude of downloadable marketing documents from www.hai-international.com.



The International Omni Console features language neutral symbols to serve a full range of markets.



At left: HAI OmniTouch 5.7e Touchscreen in Simplified Chinese





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 2011 HAI is expanding our support of ZigBee wireless communication and ZigBee Smart Energy standards.

HAI continues to revolutionize the home entertainment space with additions to our IP-Based Product Suite including the Music Gateway, OmniTouch 10pe, and Hi-Fi 2 by HAI.

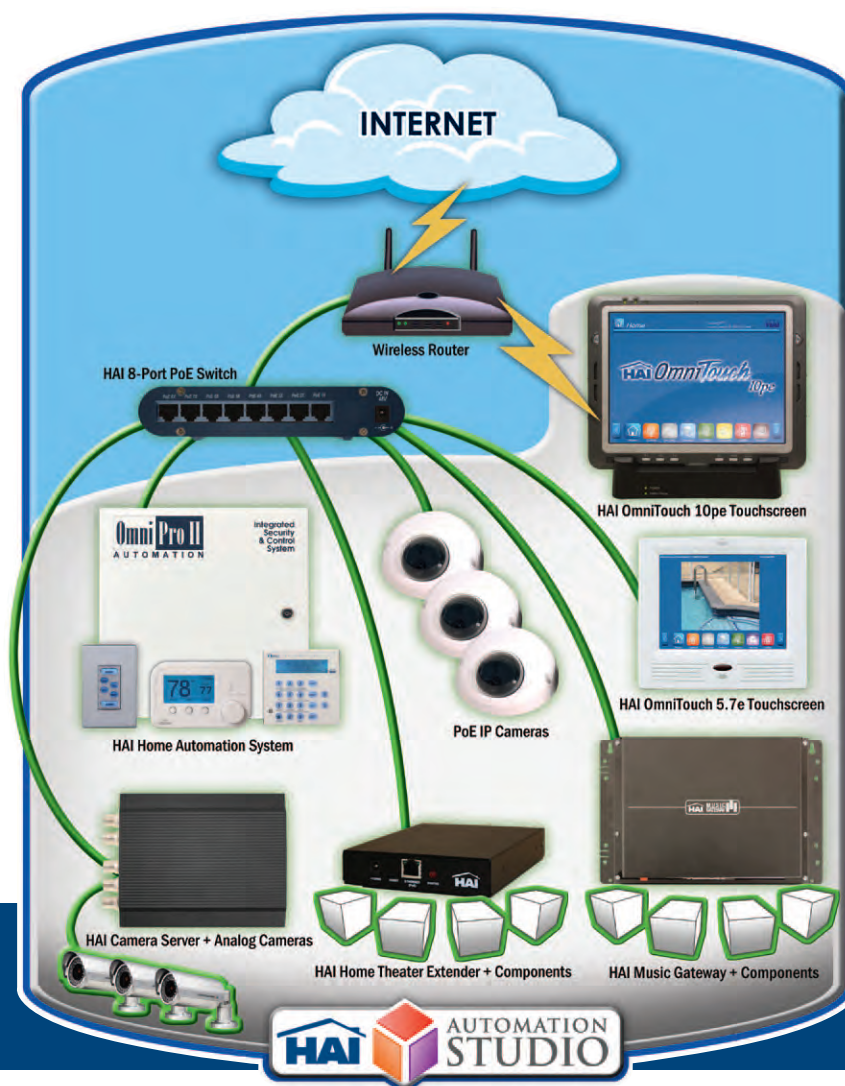
Simplify with HAI's IP-based product suite.

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

HAI's 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 custom graphics, set up buttons that will open specific websites, include your dealer logo and contact info, and even display multiple languages.

The HAI Home Theater Extender (HTX) works with the IP-based OmniTouch Touchscreens (5.7e/10pe) 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.

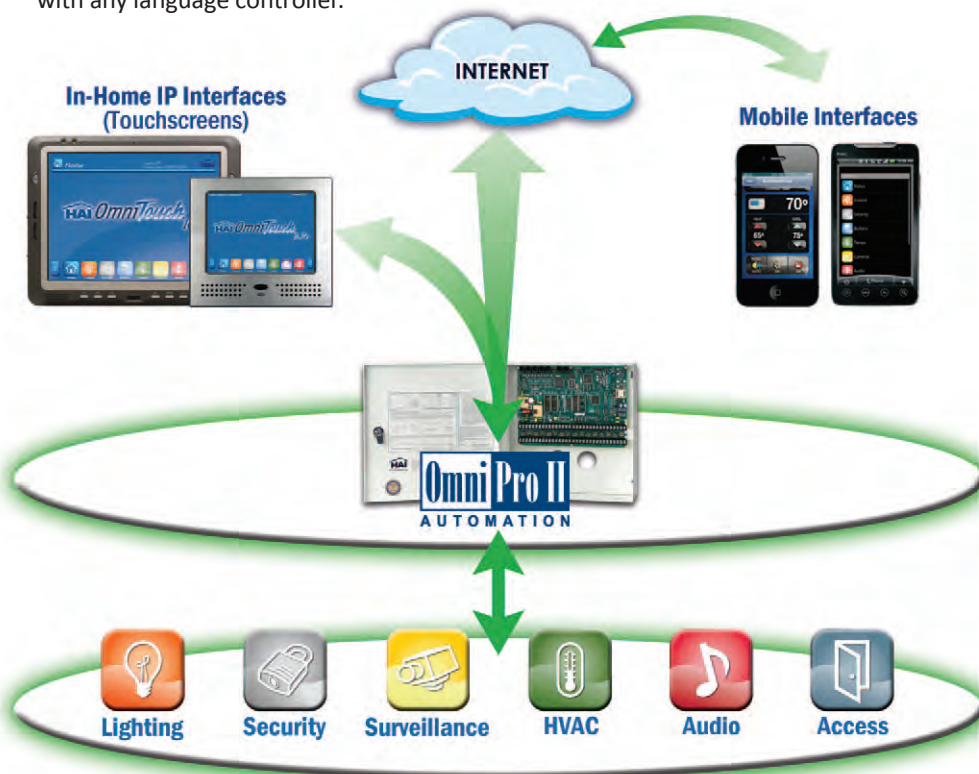
IP-based OmniTouch Touchscreens can also view IP cameras that provide JPG or MJPG output. HAI's IP cameras can be set up with no additional hardware necessary. The HAI Camera Server allows analog cameras, such as HAI's Indoor/Outdoor Day/Night Bullet Camera, to be viewed on an IP-based Touchscreen.

PROMO BUNDLES



Smarter product packages for convenience and savings

HAI has pre-packaged bundles to get you started. Promo Bundles are available for each of HAI's core home automation solutions and all of these packages can communicate with any language controller.



STEP 1 Choose a Controller & Accessories*

Security Needs? Choose Omni.



Security
Surveillance
Energy Management
Entertainment

| | |
|---|----------|
| HAI OmniPro II Controller for Structured Wiring | 20A00-8* |
| Omni Console | 33A00-1 |
| Console Flush Mount Kit | 33A00-3 |
| 24V 40VA Transformer | 44A03-1 |

No Security Needs? Choose Lumina.



Surveillance
Energy Management
Entertainment

| | |
|--|----------|
| HAI Lumina Pro Energy Management Controller with Console, Transformer, and Battery | 44A00-2* |
| Console Flush Mount Kit | 33A00-3 |

*Additional Omni controllers on pages 17-19. Additional Lumina controllers on page 32. Specify language code: FR (French), IT (Italian), SPE (European Spanish), SPA (Latin American Spanish), CAT (Catalan), CHT (Traditional Chinese), CHS (Simplified Chinese)



STEP 2 Add-on bundles from the following pages.

STEP 2

Add any Promo Bundle for additional Safety, Entertainment or Energy Management.


HAI PART NUMBER: 11PromoLB
Lighting Promo Bundle

Lighting makes up a huge portion of energy expenses. This bundle provides complete control over various lighting throughout a home. Apply these control devices whether the home has an HAI home automation controller or not. Makes for a great first taste of home automation and can be expanded upon as homeowner needs grow. A Scene Switch can be set to operate multiple lighting settings with the push of a single button. 110VAC only.


INCLUDED WITH PACKAGE

| | |
|--|-----------------|
| 600W UPB™ Dimmer Switches (24) | 35A00-1CS (two) |
| Auxiliary Switches (6) | 37A00-1 |
| UPB™ Lamp Modules (4) | 59A00-1 |
| 15A Relay Switches (2) | 40A00-1 |
| Scene Switch, 6-Button (2) | 38A00-1 |
| Table Top Scene Switch Cradles, White (2) | 38A15-WH |
| UPB™ Split Phase Repeater (1) | 39A00-2 |
| Scene Switch Remotes (2) | 38A14-1 |
| UPB™ Powerline Interface Module with Cable (1) | 36A00-1 |

11PromoLB



8 72257 00799 2


HAI PART NUMBER: 11PromoHTLB
Home Theater Lighting Promo Bundle

Some applications may call for only one room to be automated for lighting. This bundle provides just the solution for a limited automated lighting application. With two Dimmer Switches and two Lamp Modules, a variety of lighting can be controlled and programmed. Control multiple lights via the Scene Switch which can be set to alter several light sources with the push of a single button. 110VAC only.


INCLUDED WITH PACKAGE

| | |
|---|----------|
| 600W UPB™ Dimmer Switches (2) | 35A00-1 |
| UPB™ Lamp Modules (2) | 59A00-1 |
| UPB™ Split Phase Repeater (1) | 39A00-2 |
| Scene Switch, 6-Button (1) | 38A00-1 |
| Table Top Scene Switch Cradles, White (1) | 38A15-WH |
| Scene Switch Remote (1) | 38A14-1 |

11PromoHTLB



8 72257 00796 1


HAI PART NUMBER: 11PromoDAB
Distributed Audio Promo Bundle

Featuring HAI's latest in distributed audio products. The Hi-Fi 2 by HAI has twice the power of the original Hi-Fi by HAI—and can even expand to double the zones (expansion board sold separately). The HAI Music Gateway stores music and offers meta-data to Touchscreens when connected to a controller.



*Specify language code: FR (French), IT (Italian), SPE (European Spanish), SPA (Latin American Spanish), CAT (Catalan), CHT (Traditional Chinese), CHS (Simplified Chinese), GER (German), POR (Portuguese)

INCLUDED WITH PACKAGE

| | |
|------------------------------------|----------|
| Hi-Fi 2 by HAI (1) | 95A00-2 |
| HAI Music Gateway (1) | 84A00-1 |
| HAI OmniTouch 5.7e Touchscreen (1) | 53A00-2* |
| One Port PoE Injector (1) | 90A00-1 |

11PromoDAB



8 72257 00796 1


HAI PART NUMBER: 11PromoHTCB
Home Theater Control Promo Bundle

Create a full home theater environment without adding redundant hardware or excessive installation. Can serve to automate the control of audio/video sources as well as window coverings. Also functions as a standalone system.



*Specify language code: FR (French), IT (Italian), SPE (European Spanish), SPA (Latin American Spanish), CAT (Catalan), CHT (Traditional Chinese), CHS (Simplified Chinese), GER (German), POR (Portuguese)

INCLUDED WITH PACKAGE

| | |
|------------------------------------|----------|
| HAI HTX Home Theater Extender (1) | 86A00-1 |
| HAI OmniTouch 5.7e Touchscreen (1) | 53A00-2* |
| One Port PoE injector (1) | 90A00-1 |

11PromoHTCB



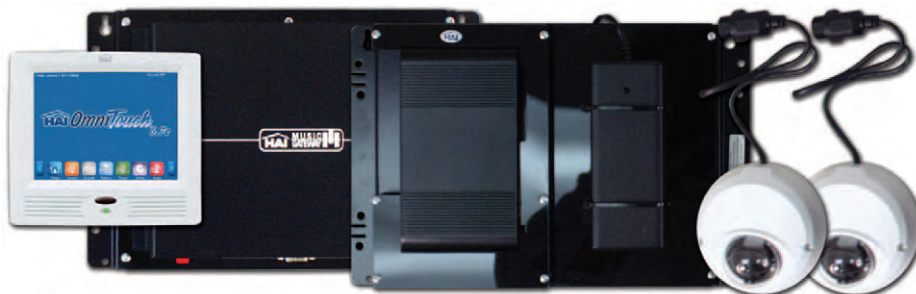
8 72257 00795 4

STEP 2

Add any Promo Bundle for additional Safety, Entertainment or Energy Management.



*Specify language code:
FR (French), IT (Italian),
SPE (European Spanish),
SPA (Latin American
Spanish), CAT (Catalan),
CHT (Traditional Chinese),
CHS (Simplified Chinese),
GER (German), POR
(Portuguese)



HAI PART NUMBER: 11PromoPB

IP-Based Surveillance & Music Server Promo Bundle



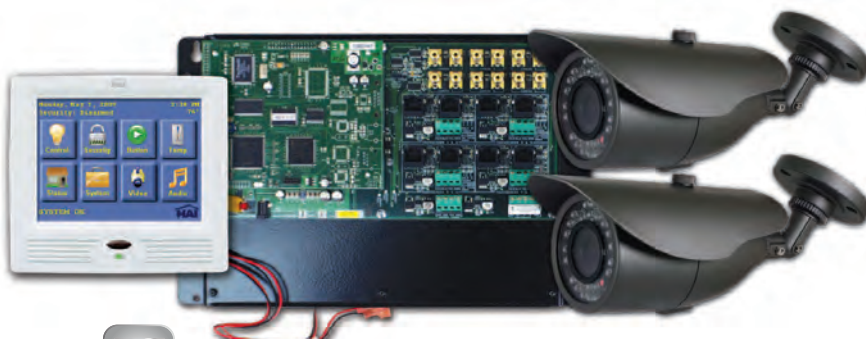
Experience the ease of installation and speed of response of true IP-based Ethernet surveillance. The included cameras feature high resolution and framerate that deliver the best in image quality. HAI Music Gateway utilizes HAI's security software to serve camera video while also functioning as a home audio server for multiple media sources.

INCLUDED WITH PACKAGE

| | |
|------------------------------------|----------|
| HAI Music Gateway (1) | 84A00-1 |
| HAI OmniTouch 5.7e Touchscreen (1) | 53A00-2* |
| HAI Indoor/Outdoor IP Cameras (2) | 68A11-1 |
| 8-Port PoE Switch (1) | 91A00-2 |



*Specify language code:
FR (French), IT (Italian),
SPE (European Spanish),
SPA (Latin American
Spanish), CAT (Catalan),
CHT (Traditional Chinese),
CHS (Simplified Chinese)



HAI PART NUMBER: 11PromoAVB

Analog Surveillance Promo Bundle



Add surveillance to a home automation system with two Day/Night Color Bullet Cameras that can be interfaced from an in-wall color Touchscreen. A VGA resolution video image is viewable from any Touchscreen connected to the Video Touchscreen Hub. The Video Encoder functions to deliver a higher resolution analog image.

INCLUDED WITH PACKAGE

| | |
|---|---------|
| HAI OmniTouch 5.7 Touchscreen (1) | 53A00-1 |
| Video Touchscreen Hub for Structured Wiring (1) | 32A30-2 |
| Indoor/Outdoor Day/Night Color Bullet Cameras (2) | 68A02-2 |

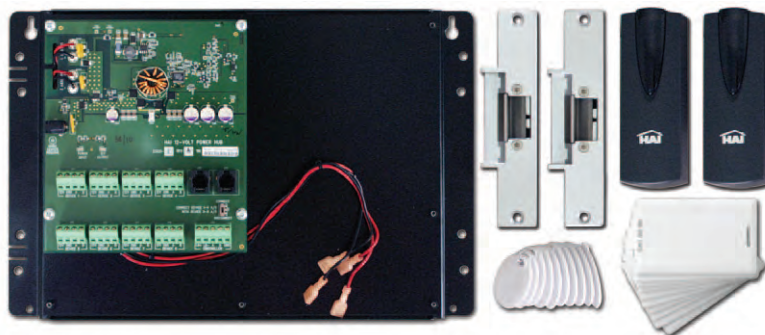


HAI PART NUMBER: 11PromoACB

Access Control Promo Bundle



Bring the latest convenience in home security to an HAI home automation system with professional access control devices. Includes essential devices needed to add access control to two entrances for up to 20 enrolled individuals. Expands to 99 enrolled accounts depending on the controller.



INCLUDED WITH PACKAGE

| | |
|-------------------------------------|---------|
| Power Hub for Structured Wiring (1) | 83A00-2 |
| Access Control Card Readers (2) | 75A00-1 |
| Access Control Cards (10) | 78A00-1 |
| Access Control Key Tags (10) | 78A00-2 |
| 12VDC Electric Door Strikes (2) | 79A00-1 |



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 automation 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 audio/video changes based on motion or door openings.



2010 brought significant upgrades to the firmware of each Omni controller by adding or increasing support for Dyalite, RadioRA2, Somfy ILT, Centralite, and Carrier Infinity/Bryant Evolution.



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 2/Conn.Prtnrs | Hi-Fi 2/Conn.Prtnrs | Hi-Fi 2 | Hi-Fi 2 |
| 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



OmniPro II Controller

20A00-2

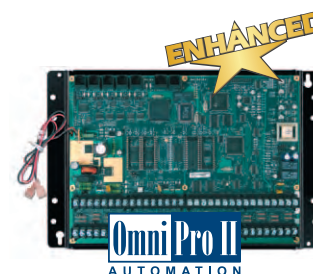
The flagship HAI home automation controller. Includes the OmniPro II controller with enclosure, lock set with two keys, UPB™ Powerline Interface Module and cable, RJ31X cord and jack, manuals. Part 20A00-2 is English language. For other available languages add language code to part number: **Latin American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



OmniPro II Controller for Structured Wiring Enclosure

20A00-8

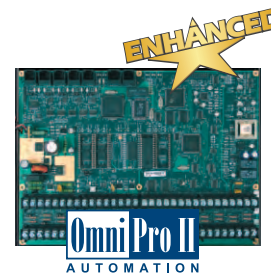
OmniPro II controller on mounting plate for installation in structured wiring enclosures, UPB™ Powerline Interface Module and cable, RJ31X cord and jack, manuals, accessory kit, wiring diagram for enclosure door. Part 20A00-8 is English language. For other available languages add language code to part 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.

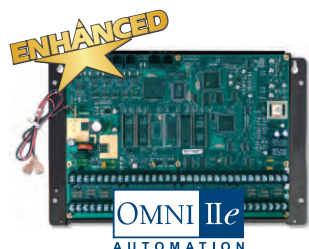


"HAI has been our provider for all automation jobs from the beginning. There is no substitute!"

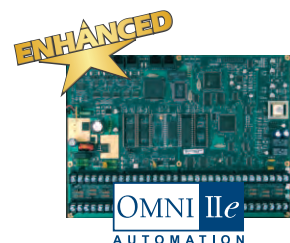
Today's Audio/Video Inc., Mooresville, North Carolina, USA

**Omni Ile Controller****20A00-50**

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

**Omni Ile Controller for Structured Wiring Enclosures****20A00-52**

Omni Ile 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 Ile - Board Only****20A00-53**

Omni Ile 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)**

**Alarm Panel and Telephone Backup Device****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



Works with most
standard security
panels!

MORE ONLINE: www.homeauto.com/info/c3





Omni LT Kit with Surface Console, Case of 6

Promo9CS

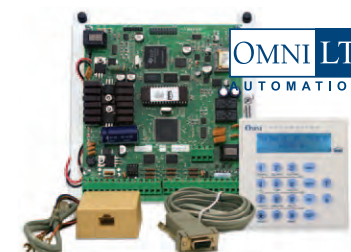
Omni LT controller in enclosure. Includes surface mount console (33A00-1), RJ31X jack & cable, manuals, and accessory kit.



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.



Omni LT Controller

21A00-1

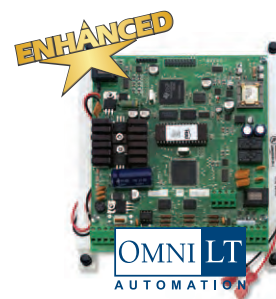
Omni LT controller with enclosure, RJ31X jack and cable, manuals, and accessory kit.



Omni LT Controller for Structured Wiring Enclosures

21A00-11

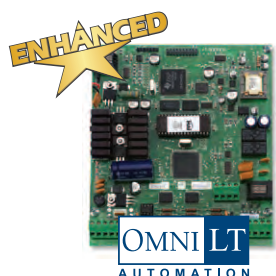
Omni LT controller on mounting plate for installation in structured wiring enclosures, UPB™ Powerline Interface Module and cable, RJ31X jack and cable, manuals, accessory kit, and wiring label for enclosure door. Part 21A00-11 is English language. *For other available languages add language code to part 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)*

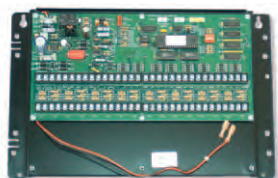


**16 Zone Hardwire Expander****10A06-1**

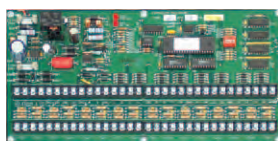
Terminals are provided for 16 additional zones that can be programmed for burglary, fire, temperature or auxiliary inputs (*for use with all HAI home controllers except Omni LT*).

**Expansion Enclosure****17A00-1**

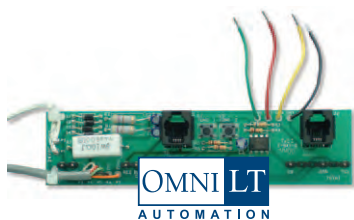
16 Input/16 Output Expansion Board with enclosure, lock set with two keys, accessory kit, instructions. Reduces wiring use in larger installations (*for OmniPro II, Lumina Pro*).

**16 Zone/16 Output Expansion****17A00-9**

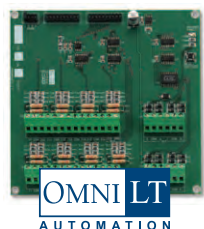
16 Zone Input/16 Output Expansion Board on a universal mounting plate with accessory kit, instructions for installation in structured wiring enclosures (*for OmniPro II, Lumina Pro*).

**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*).



**Omni Console****Omni Console (Case of 12)****Omni Console with Built-in Speaker/Microphone****International Market Omni Console****International Market Omni Console with Built-in Speaker/Microphone****33A00-1****33A00-1CS****33A00-4****33A00-23****33A00-24**

Cool blue LCD surface mount console, silk-screened "Omni" on front, connector kit, instructions (Omni family only). Controls security, lighting, temperatures, buttons, events, setup and other functions. International versions feature easy to understand symbols rather than text. Parts 33A00-4 and -24 require the Two-Way Voice Module (HAI part #10A11-1). See special wiring instructions in wiring section.

33A00-1

Case of 12
standard consoles
33A00-1CS

**33A00-4****33A00-23****33A00-24****33A00-3****Flush Mount Kit****33A00-3**

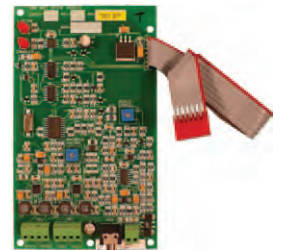
White flush mount back box for use with 33A00-1, 33A00-4, 33A00-19, 33A00-20, 33A00-23, 33A00-24, 33A00-25, and 33A00-26 consoles and keypads (not included). Includes mounting bracket, instructions.



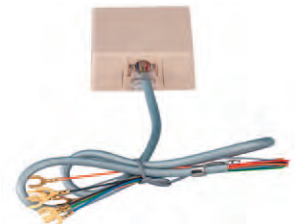
*Console not included.

10A11-1**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". Includes two-way voice board, mounting material, and instructions. Use with the 33A00-4 or 33A00-24 consoles, 33A00-20 keypad, 28A00-1 Surface Speaker/Mic, or 28A00-2 Flush Speaker/Mic.

**44A01-1****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****Surface Speaker Microphone****28A00-1****Flush Speaker Microphone****28A00-2**

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 #10A11-1). Includes speaker and microphone, surface mount enclosure, instructions.

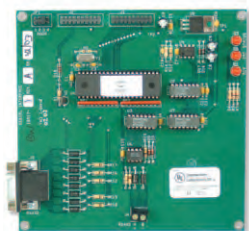
**28A00-2**



Universal Mounting Plate

20A07-2

Mounting plate, hardware kit & instructions. Used to mount HAI's Omni, Lumina, and Hi-Fi 2 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.



Enclosure Lock and Two Keys

21A06-1

Lock for enclosure and pair of matching keys. Included with 17A00-1 and 95A09-1.



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 IIe Chip Upgrade 20A04-50UPG



Omni LT Chip Upgrade 21A03-1UPG



Omni II Chip Upgrade 20A04-1UPG



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.

OmniPro II Chip Upgrade 20A04-2UPG



Spanish OmniPro II Chip Upgrade 20A04-42UPG



20A04-chipcodeUPG

Lumina Pro Chip Upgrade 20A04-22UPG



Lumina Chip Upgrade 20A04-21UPG



Serial PC Cable

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.

21A05-2



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.



Serial Connectivity Cable

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

36A05-4



HAI Serial Server

RS232/RS485 to TCP/IP converter integrated with a robust system and network management features designed for serial equipment to be accessed and controlled via Intranet or Internet. Used to access the NuVo Grand Concerto on an OmniTouch 5.7e and 10pe Touchscreen.

93A00-1



**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). Uses a CR23A lithium ion battery, included.

**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). Uses CR123A lithium ion battery, included.

**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). Uses CR2032 lithium ion battery, included.

**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). Uses CR2025 lithium ion battery, included.

**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. Uses CR2032 lithium battery, included.





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). Uses CR123A lithium ion battery, included.



Wireless Driveway Sensor

63A00-1

No digging or underground cable required. Uses earth's magnetic field to detect moving vehicles. Activate lighting, video surveillance, and more when a vehicle is detected in a driveway or parking area. Magnetic sensing range of 12 feet with three sensitivity modes for precise installation. Two unique mounting options including stake or post/wall mount. Operates in temperatures between -20-120°F. Requires an HAI 64-Zone Wireless Receiver (HAI part #45A00-1). Uses two C-cell alkaline batteries, included.



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 #45A00-1). Uses CR2450N lithium ion battery, included.



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 #45A00-1). Uses CR2032 lithium ion battery, included.



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 #45A00-1). Uses CR23V lithium ion battery, included.



Wireless Receiver for GE InterLogix

42A00-2

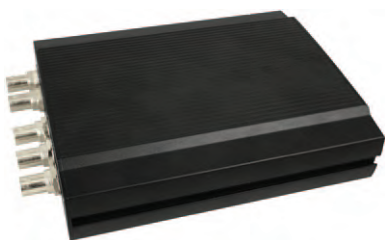
64 Zone wireless receiver, with LED display for GE/ITI/Caddx transmitters. Works only with GE compatible sensors, not HAI Wireless Products.





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.



HAI Camera Server

87A00-1

View cameras on HAI's OmniTouch 5.7e/10pe Touchscreens, 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 PC. High quality encoding up to 640x480 resolution. Operates standalone or with an HAI home control system. Features PTZ and audio support.



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.



Indoor/Outdoor Mini Dome IP Camera

68A11-1

1.3 mega pixel camera capable of serving real-time streaming video to various devices. Records to internal Micro SD card (not included) and/or PC when accessing via the built-in web browser. Send email alerts with attached still images when it detects motion. HD 720p real-time dual streaming, simultaneous H.264 and MJPEG compression; framerate: H.264 30fps@720p; MJPEG 30fps@720p; 1/3" Sony Progressive Scan CMOS sensor; digital zoom; 0.03 Lux (color), 0.001 Lux (B/W); motion detection, Micro SD support; Power over Ethernet (PoE); weatherproof (IP66).





68A02-2

Indoor/Outdoor Day/Night Bullet Camera

68A02-2



1/3" Sony Super-HAD CCD; 3.8-9.5mm auto iris vari-focal lens; 560 TV lines; NTSC; 0 Lux under IR illumination; true day/night functionality with IR Cut Filter; 36 IR LEDs for night vision (up to 95 ft IR range); bracket mount with pan, tilt, and rotation adjustments (wire feed-through); sun shield included; 12VDC; power supply required, not included.



68A01-1

Indoor/Outdoor Day/Night Dome Camera

68A01-1



1/3" Sony Super-HAD CCD; 3.7-12mm auto iris lens; 420 TV lines; NTSC; 0 Lux under IR illumination; water resistance IP 66 protection; wide range viewing 3D covert bracket design; 12VDC/24VAC dual voltage; easy installation with attached cap design with anti-scratch cover coating; compact size; power supply required, not included.



106080

Touchscreen Hub Replacement Power Supply

106080

Switching power supply brick for use with Touchscreen Hub.



32A32-1

Video Encoder

32A32-1

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

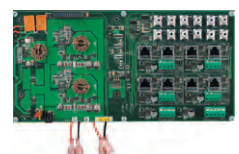
32A31-2

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.

32A31-2
(Board Only)

32A30-1



32A30-2

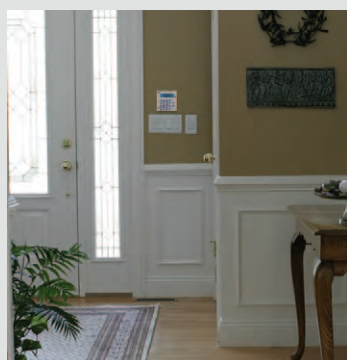


32A30-3



32A30-4

32A31-2
(Board Only)



HAI Access Control: Total control

Proximity card reader and accessories connect to an HAI home control system for complete access control. A durable and scratch resistant polycarbonate housing protects the reader. Full epoxy potting ensures successful operation even in harsh environments. Simplified wiring makes for efficient residential or small commercial use. Everything between the controller and the readers—including power—goes over a single four-conductor or CAT-5 wire.

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 and date, 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. All car or keytag actions can also be customized for each user. 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.

HAI also makes intercom technology available using VoIP on the OmniTouch 5.7e Touchscreen. Communicate from a Touchscreen to a door station to see guests, speak to them on camera, and grant them access. See page 62 for more information.



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).



**One-Button VoIP Door Station with Camera****913 7111 CE**

This product is made available through an HAI reselling partnership with 2N Telecommunications. 2N Helios VoIP video intercom door station for single-family residential installation. Press the button and it calls IP Touchscreens in the home allowing homeowners to both speak with and see the guest. Connects to the home's Ethernet network; Power over Ethernet (PoE); VoIP SIP protocol, integrated web server; streaming video; water resistant.

**Access Control Card, Pack of 10****78A00-1**

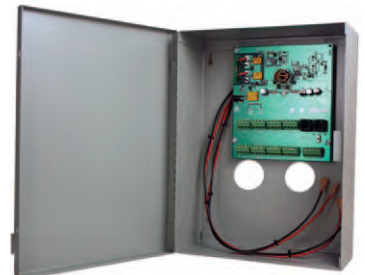
125 KHz credit card size 1.7mm thick high security proximity card with fully encrypted format stored on the card. Thin, flexible, and light enough to be carried in a purse or wallet. Preprogrammed at the factory with a unique encryption code. Provides a read range up to 4".

**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".

**Power Hub in Enclosure****83A00-1****Power Hub for Structured Wiring Enclosures****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 2 sealed batteries, 12V@4-8Ah each (not supplied); Power for 8 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.

**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).



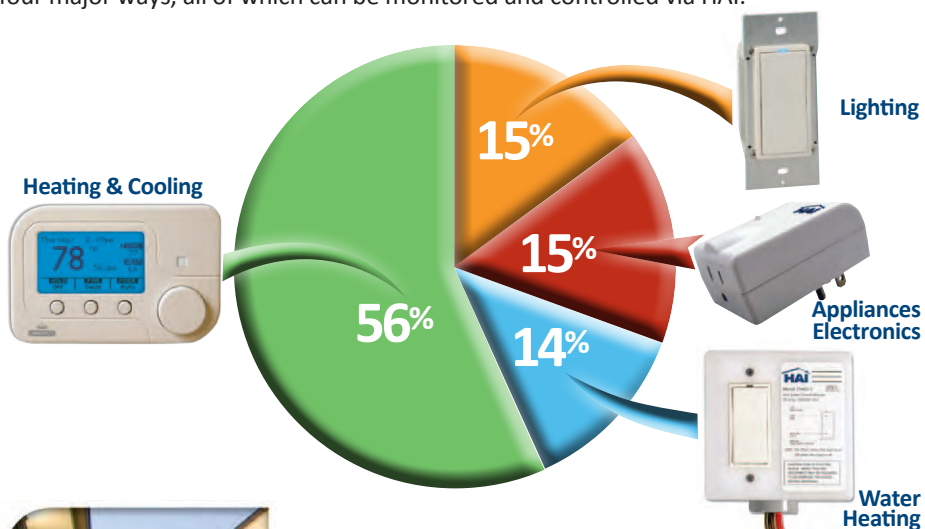


ENERGY MANAGEMENT



Cover 100% of Your Energy Management Needs

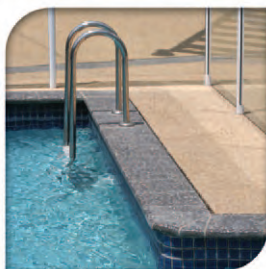
HAI products make your home more energy efficient. Save energy in each category of consumption. According to the U.S. Department of Energy, home energy is consumed in four major ways, all of which can be monitored and controlled via HAI.



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. Lumina 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 supported security system if desired.



SPECIFICATIONS

Lumina Control Systems



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



Lumina Pro Energy Management Controller

44A00-2

COMMERCIAL

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

COMMERCIAL

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 Pro International, In Enclosure

44A00-22

NEW

Lumina Pro International, for Structured Wiring

44A00-23

Lumina Pro Energy Management Controller in enclosure with lock & keys *OR* on a backplate for structured wiring. Includes Lumina International Keypad, serial cable, manuals, and accessories. Does not include battery, transformer, PIM, or phase coupler. For other available languages add language code to part number: **Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)**



Lumina Mode Switch

38A00-3

110%

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.



Lumina Keypad

Lumina Keypad w/Built-in Speaker/Microphone

International Market Lumina Keypad

International Market Lumina Keypad w/Speaker/Mic

NEW

33A00-19

33A00-20

33A00-25

33A00-26

Allows set up, programming and control of the Lumina and Lumina Pro system. LCD surface mount keypad, silk screened front, connector kit, instructions. International versions feature easy to understand icons rather than text. International keypads have same functionality with universal symbol buttons rather than English lettering. Two-Way Voice Module required for 33A00-20 and -26. See special wiring instructions in wiring section. See page 21 for optional keypad Flush Mount Kit.





HAI lighting control™



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



Set the mood for entertaining.



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 To 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



HAI For Compact Fluorescent Bulbs!



500W CFL Dimmer (1)
500W CFL Dimmers (12)

35A00-1CFL
35A00-1CFLCS

Controls dimmable 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).



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

35A00-1
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
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).



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

40A00-1
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
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.

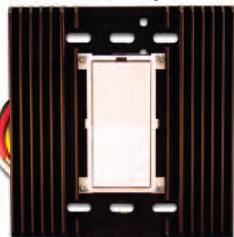


**1000W UPB™ Dimmer Switch****55A00-1colorcode**

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).

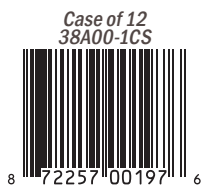
**Dimmer Switch, Ivory
55A00-3IV****Dimmer Switch, White
55A00-3WH****Wallplate, Ivory
55A03-2****Wallplate, White
55A03-1****UPB™ Lamp Module (1)
UPB™ Lamp Modules (12)****59A00-1
59A00-1CS**

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

59A00-1**Case of 12
59A00-1CS****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.

60A00-1**Case of 12
60A00-1CS**



Scene Switch, 6-Button (1) Scene Switches, 6-Button (12)

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.

38A00-1
38A00-1CS



UPB™
UNIVERSAL POWERLINE RED



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

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.

38A00-2
38A00-2CS



UPB™
UNIVERSAL POWERLINE RED



Switch & Cradle, White
38A16-WH



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.

UPB™



UPB™
UNIVERSAL POWERLINE RED



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.



Almond (AL)



Light Almond (LTA)



Black (BL)



Brown (BR)



Grey (GR)



Ivory (IV)



White (WH)

**House Status Switch Color Change Kit (12 count)****38A05-color codeCS**

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



Almond (AL)



Light Almond (LTA)



Black (BL)



Brown (BR)



Grey (GR)



Ivory (IV)



White (WH)

**Scene Switch Remote****38A14-1**

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

38A14-1**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.

71A00-1**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.

72A00-1



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.



UPB™ Split-Phase Repeater

39A00-2



Designed to repeat UPB™ signal in installations requiring additional signal strength. Must be used on a 120/240VAC split-phase 60Hz powerline.

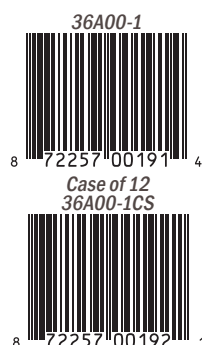


UPB™ Three-Phase Repeater

39A00-3



Required for use in three-phase installations when UPB™ devices are installed on separate phases. Must be used on a three-phase 120/208VAC delta-wye, 60Hz powerline.



UPB™ Powerline Interface Module with Cable (1)

36A00-1



UPB™ Powerline Interface Modules with Cables (12)

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.

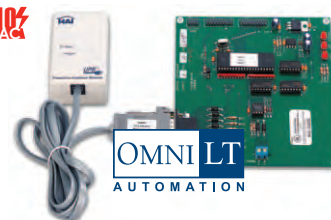


HAI Lighting Control (HLC) Expansion Kit for Omni LT

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.



25A00-1

ALC Interface, 1 Branch

25A00-1

ALC Interface, 4 Branch

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



It's easy to program your settings.



Program special settings for when you are away for an extended period of time.



Monitor and control humidity.



Available in white, black, or silver finishes.

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.

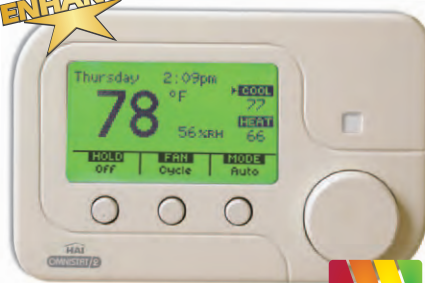
Unique Looks to Suit Your Home

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 green—or any color in between with the turn of the scroll wheel.



Watch the Omnistat2 video online at www.homeauto.com

ENHANCED



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



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

White (WH)



Black (BL)



Silver (SL)

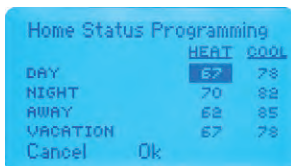


8 72257 00421

2 8 72257 00419

9 8 72257 00420

5



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

White (WH)



Black (BL)



Silver (SL)



Case of 12
White (WHCS)



8 72257 00418

2 8 72257 00416

8 8 72257 00417

5

8 72257 00491

5

| | RC-2000colorcode | RC-1000colorcode |
|---|------------------|------------------|
| • Humidifier control | ● | |
| • Dehumidifier control | ● | |
| • Supports dual fuel systems | ● | |
| • Humidity sensing and display | ● | |
| • Supports up to 2-stage conventional & 2-stage heat pump w/3rd-stage aux. heat | ● | |
| • 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 | ● | ● |

**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/air handler and requires no external power source.

**Omnistat2 Trim Ring****65A18-1**

White Omnistat2 backplate used as a cover-up when retrofitting homes with existing thermostats. 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 HAI Omnistat and Omnistat2 thermostats. Can be painted or wallpapered 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 an installer of HAI since 1994. They are at the forefront of the automation and energy management movement."

Alarm Automation, New Braunfels, Texas, USA



Temperature Control Monitoring

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.



14A00-8

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. Sensing range is 0–120°F.



31A00-7

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.



31A00-8

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.



26A00-5

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.



1101A

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®**

Control your world

ZigBee® technology establishes a standard approach for wireless products worldwide, eliminating the need for proprietary technology. Home automation solutions can 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**81A00-3ZB**

Wireless interface and coordinator for ZigBee 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 wireless communication. 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 uses ZigBee wireless communication.

White (WH)**Black (BL)****Silver (SL)**

*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 uses ZigBee wireless communication.

White (WH)**Black (BL)****Silver (SL)**



81A00-2WHZB

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 wireless communication.

81A00-2WHZB



73A00-3ZB

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. Uses ZigBee wireless communication.

73A00-3ZB



73A00-4ZB

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. Uses ZigBee wireless communication.

73A00-4ZB



89A00-1ZB

15A Plug-in Load Control Module

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

89A00-1ZB



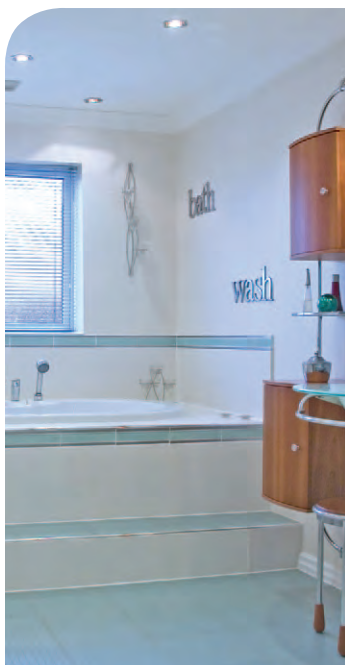
88A00-1ZB

300W Plug-in Lamp Module

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

88A00-1ZB

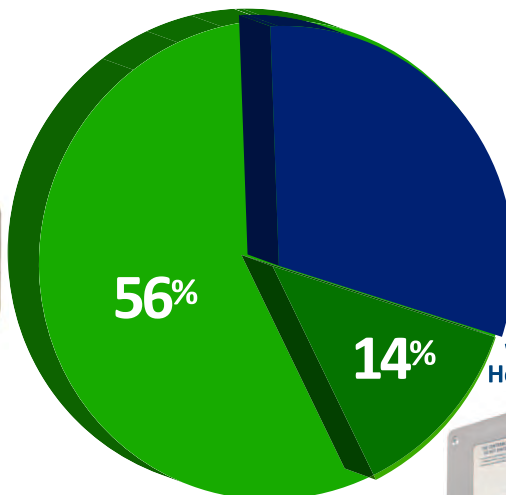




The Omnistat2 allows you to schedule heating and air conditioning as well as when your hot water turns on and off.



Easy to use vacation programming saves energy without sacrificing comfort.

Heating & Cooling**Water Heating**

New bundle serves 70% of a home's energy management needs.

At HAI we are always striving to offer the best value in home automation. For 2011, HAI developed a stand alone Energy Management Bundle that can help manage up to 70% of the energy used in a home. The bundle includes HAI's best selling Omnistat2 Programmable Communicating Thermostat (HAI part number RC-1000) for heating and air conditioning control and HAI's 30A Wireless Load Control Module (HAI part number 73A00-3ZB) for electric hot water heater control. Together these devices work to manage the majority of energy used in the average North American residence.

11PromoEMB



8 72257 00805 0

HAI
Coming this
summer!





MULTICOLOR DISPLAY



Omnistat2 (PCT)



Load Control Modules (LCM)



MULTICOLOR DISPLAY



In-Home Display (IHD)

ZigBee®
MemberHAI
smartgrid
solutions

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) that use the ZigBee® Smart Energy Profile, Sensus FlexNet, and other RF network technologies for communication. Designed for Time of Use, Duty Cycling, Demand Response, 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.

HAI's devices are designed to be easy to use and helpful for all customers regardless of their education or interest level. Simple to understand multicolor display technology is matched with easy to operate menu driven devices that can be programmed one time and forgotten or managed on a day to day basis.

HAI Smartgrid Solutions products are designed and assembled in the USA using parts sourced worldwide.



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 2 by HAI is a revolutionary multi-room audio system that plays music and announces messages throughout your house. Hi-Fi 2 comes standard as an eight zone, eight source kit, and is expandable to 16 zones. Listen to music from your computer as you relax on the patio. Use your mobile device or a Touchscreen to change songs or adjust volume without leaving the comfort of your lawn chair. With Hi-Fi 2 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.



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 10pe. HAI's Music Gateway is a music server/renderer with three 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 2 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 10pe stand-alone. This 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 2 by HAI: multi-room audio

Hi-Fi 2 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 2 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. Additional audio sources such as satellite radio tuners may be added locally.

Components of the Hi-Fi 2 by HAI are modular, giving flexibility for expansion as needs change. The base system comes with eight zones and eight sources, but it can readily be expanded to 16 zones.

Hi-Fi 2 uses Class D digital amplification; accordingly, it runs cool and only gets warm under high volume levels. The zone amplification is 25 Watts RMS at 8 Ohms per channel (50 Watts per zone). Two variable outputs (zones 1 and 8) are provided for connection to external power amplifiers and a page/mute input.



Hi-Fi 2 by HAI 8 Zone, 8 Source Kit with Enclosure

95A00-1

Includes 8 Inputs and 4 RIMs (Remote Input Module); use all 8 Inputs or 4 Inputs and 4 RIMS or any combination up to a total of 8 Inputs/ RIMS. Also includes 8 OLED Display VSCs (Volume Source Control) with digital controls. Expandable to 16 zones using Expansion Amplifier Kit [sold separately].



Hi-Fi 2 by HAI 8 Zone, 8 Source Kit for Structured Wiring Enclosures

95A00-2

Includes 8 Inputs and 4 RIMs (Remote Input Module); use all 8 Inputs or 4 Inputs and 4 RIMS or any combination up to a total of 8 Inputs/ RIMS. Also includes 8 OLED Display VSCs (Volume Source Control) with digital controls. Expandable to 16 zones using Expansion Amplifier Kit [sold separately].



Hi-Fi 2 by HAI Main Amplifier Assembly with Power Supply

95A01-1

Expandable to 16 zones using Expansion Amplifier Kit [sold separately].





8 72257 00696 4

Hi-Fi 2 by HAI 8 Zone Expansion Amplifier Kit with Enclosure

95A12-1

Includes expansion PCA, 8 VSCs, and enclosure. Expands the Hi-Fi 2 to a total of 16 zones. Includes power cord, expansion cable, and two variable outputs. Expansion Amplifier must be mounted no more than six inches (15.24cm) below the Main Amplifier.



8 72257 00697 1

Hi-Fi 2 by HAI 8 Zone Expansion Amplifier Kit for Structured Wiring Enclosures

95A12-2

Includes expansion PCA on back plate and 8 VSCs. Expands the Hi-Fi 2 to a total of 16 zones. Includes power cord, expansion cable, and two variable outputs. Expansion Amplifier must be mounted no more than six inches (15.24cm) below the Main Amplifier.



8 72257 00700 8

Hi-Fi 2 Expansion Amplifier Assembly w/Power Supply

95A18-1

Includes expansion PCA and 8 VSCs. Expands the Hi-Fi 2 to a total of 16 zones. Includes power cord, expansion cable, and two variable outputs. Expansion Amplifier must be mounted no more than six inches (15.24cm) below the Main Amplifier.



8 72257 00675 9

Vented Enclosure

95A09-1

Enclosure for Hi-Fi 2 with vents, door latch mounting plate, hardware kit and instructions. Features knock-outs on top, bottom, and back for multiple installation scenarios.



8 72257 00747 3

Hi-Fi 2 by HAI Retractable Cable

95A13-1

3.5mm 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 2's RIM.



8 72257 00748 0

Hi-Fi 2 by HAI Retractable Cable

95A14-1

3.5mm male to 3.5mm male stereo patch cable. Extends to 4 feet. Use to connect MP3 players, iPods™, computers with headphone and/or audio outputs to Hi-Fi 2's RIM.



8 72257 00673 5

Hi-Fi 2 Remote Control

95A05-1

Remote Control for volume and source selection. One included in 95A00-1 and 95A00-2.





★NEW

**Volume-Source Control (VSC)****95A03-1**

Four-button OLED keypad controls volume, power, source, and more. Features IR receiver. White wallplate, VSC Color Change Kits available.



★NEW

**VSC Color Change Kits (Case of 12)****95A11-colorcodeCS**

Case of 12 wallplates. Specify color code when ordering.



★NEW

**Remote Input Module (RIM)****95A04-1**

White Remote Audio Input/IR output module. Includes white wallplate. Additional 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.



★NEW

**RIM Color Change Kits (Case of 12)****95A10-colorcodeCS**

Case of 12 wallplates. Specify color code when ordering.



★NEW

**Hi-Fi 2 Power Cord****95A17-1**

Six foot IEC power cord for Hi-Fi 2 Main Amplifier and Expansion Amplifier assemblies. This part is included with 95A00-1, 95A00-2, 95A01-1, 95A12-1, 95A12-2, and 95A18-1.

**Hi-Fi 2 Expansion Cable Assembly** ★NEW**95A16-1**

24-pin ribbon cable connects the Main Amplifier board to the Expansion Amplifier board. Six inches (15.24cm) in length. This part is included with 95A12-1, 95A12-2, and 95A18-1.





All-New VSC (Volume-Source Control)

OLED Information Display

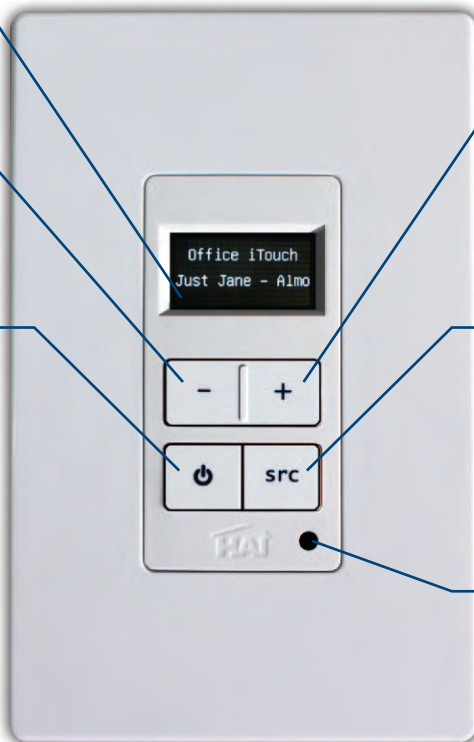
Minus Button

· Decrease volume of a zone.

Power Button

· Turn the respective audio zone on and off.

Easily adjust balance, bass, treble, loudness, initial volume, paging volume, and display brightness for each VSC.



Plus Button

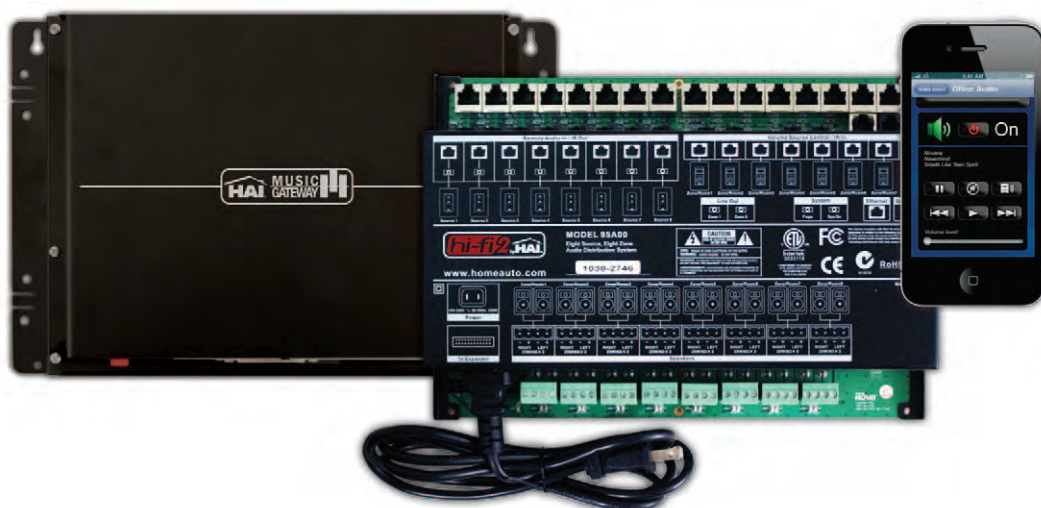
· Increase volume of a zone.

Source Button

· Cycle through available audio sources.
· Play, pause, or change track.

IR Control Sensor

· Re-route IR commands to audio sources.



The standalone solution!

HAI's Standalone A/V Package



Joining HAI's Music Gateway with the Hi-Fi 2 by HAI provides many enhanced features. The Hi-Fi 2 VSC can display meta-data such as artist name, song title, and more. Additionally, homeowners can jump through songs on audio playlists using the VSC. Access the 500GB hard drive or use the Music Gateway to watch shared network folders for song selection using a Hi-Fi 2. HAI's iPhone app connects directly to the Hi-Fi 2 without requiring a home control system—meaning your iPhone or iPod Touch becomes an instant remote interface.

**84A00-1**FEATURING **HAI 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/10pe) 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 2 by HAI or other multi-room audio system is available, the Music Gateway can be 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 10pe or OmniTouch 5.7e Touchscreens.

Music Gateway delivers with 500GB of multipurpose storage and the capability to watch shared network drives for access to potentially unlimited music titles.

**Ships ready 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 10pe 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 stereo channels to a Hi-Fi 2 by HAI system.
- Designed to be installed in a structured wiring enclosure.
- Utilizes IP-based Touchscreens (OmniTouch 5.7e and 10pe).
- Plays audio off the built-in hard drive.



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

**86A00-1**

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.

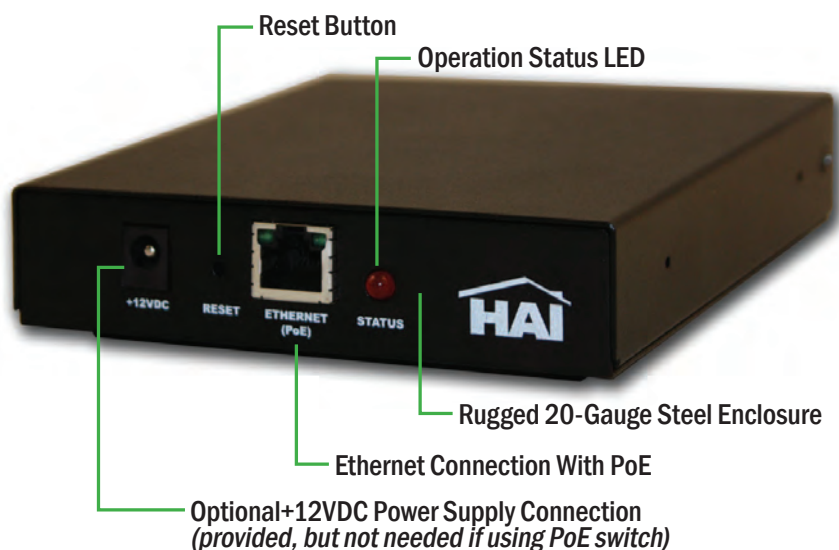
The HTX works with HAI's IP-based Touchscreens, such as the OmniTouch 10pe and 5.7e, to control your home theater equipment. HTX configuration requires HAI Automation Studio software (*HAI Part Number 1126*) which is also used to develop the Touchscreen's custom graphic interface. The HTX can be used with an OmniTouch 10pe stand-alone. This 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 audio/video equipment.





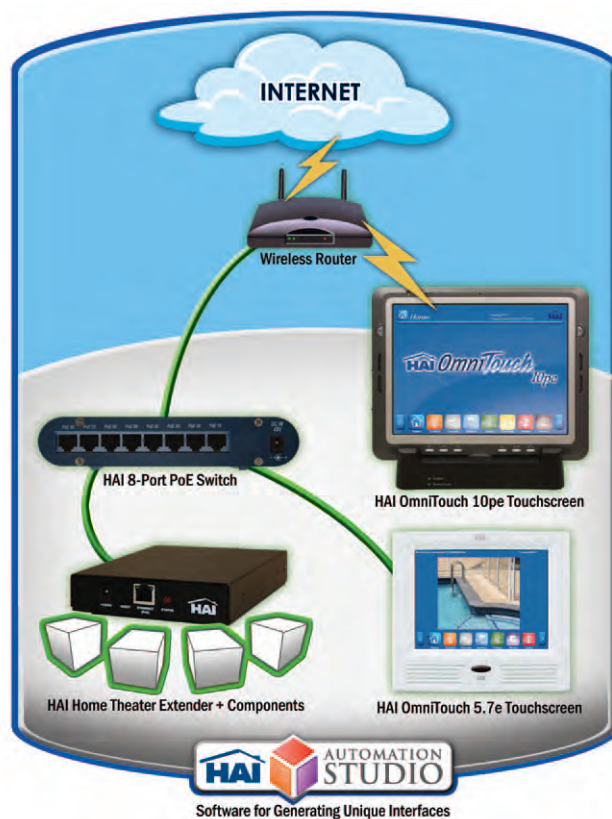
THE HAI IP-BASED PRODUCT SUITE

Automation Studio ties together the new IP-based product offerings from HAI including the HAI OmniTouch 10pe 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).

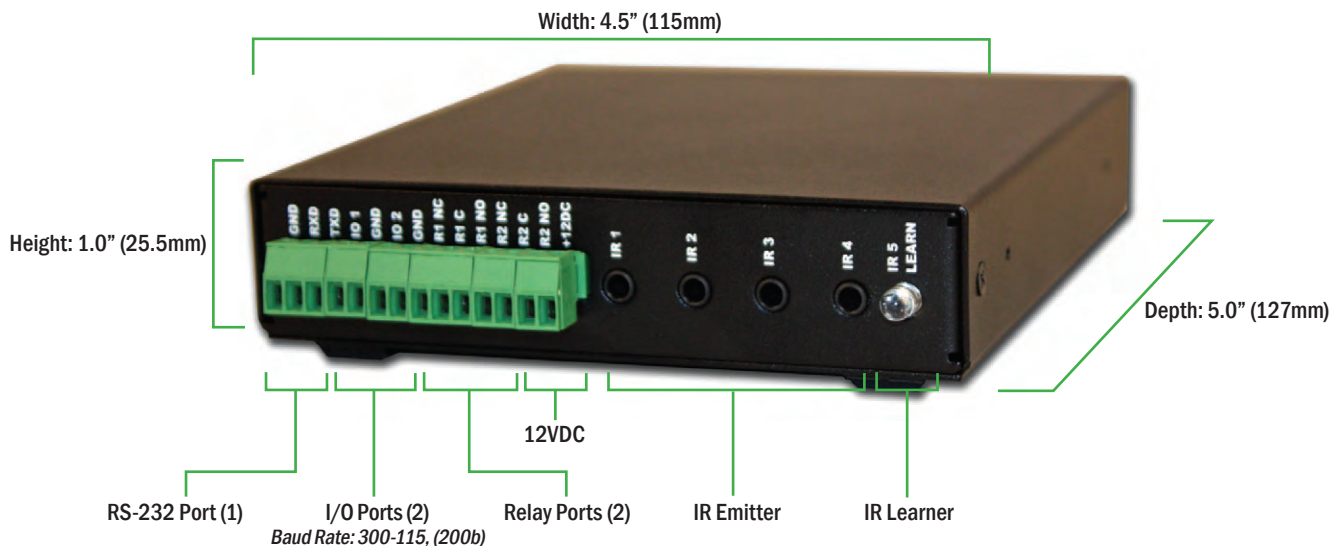
Includes a built-in A/V Library containing over 300,000 IR codes. Also features learn-in capability for new codes.



INCLUDED WITH PACKAGE

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

REAR VIEW





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.

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.

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.

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 third party 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 10pe 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.



Add the convenient table-top docking cradle charger accessory.



Control media sources and truly enjoy home entertainment.



Customize the graphic interface with HAI's Automation Studio.

HAI OmniTouch[®] 10pe

94A00-1



Portable Home Automation Control

The HAI OmniTouch 10pe is a full-featured wireless portable Touchscreen utilizing HAI's latest Touchscreen software. With an improved screen resolution, faster processor, and lighter weight, the OmniTouch 10pe is ideal for the complete home automation solution.

Customize and Expand Control

The OmniTouch 10pe Touchscreen ships ready to use with HAI's all-new interface design utilizing HAI OmniTouch Pro Software and can be customized with HAI Automation Studio software for unique graphics or foreign language support. When used in conjunction with HAI's Home Theater Extender (HTX), the OmniTouch 10pe can control a home theater and other Infrared (IR) products, along with the home's entire automation system. With the OmniTouch 10pe, 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 10pe Touchscreen.

Control with Convenience

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

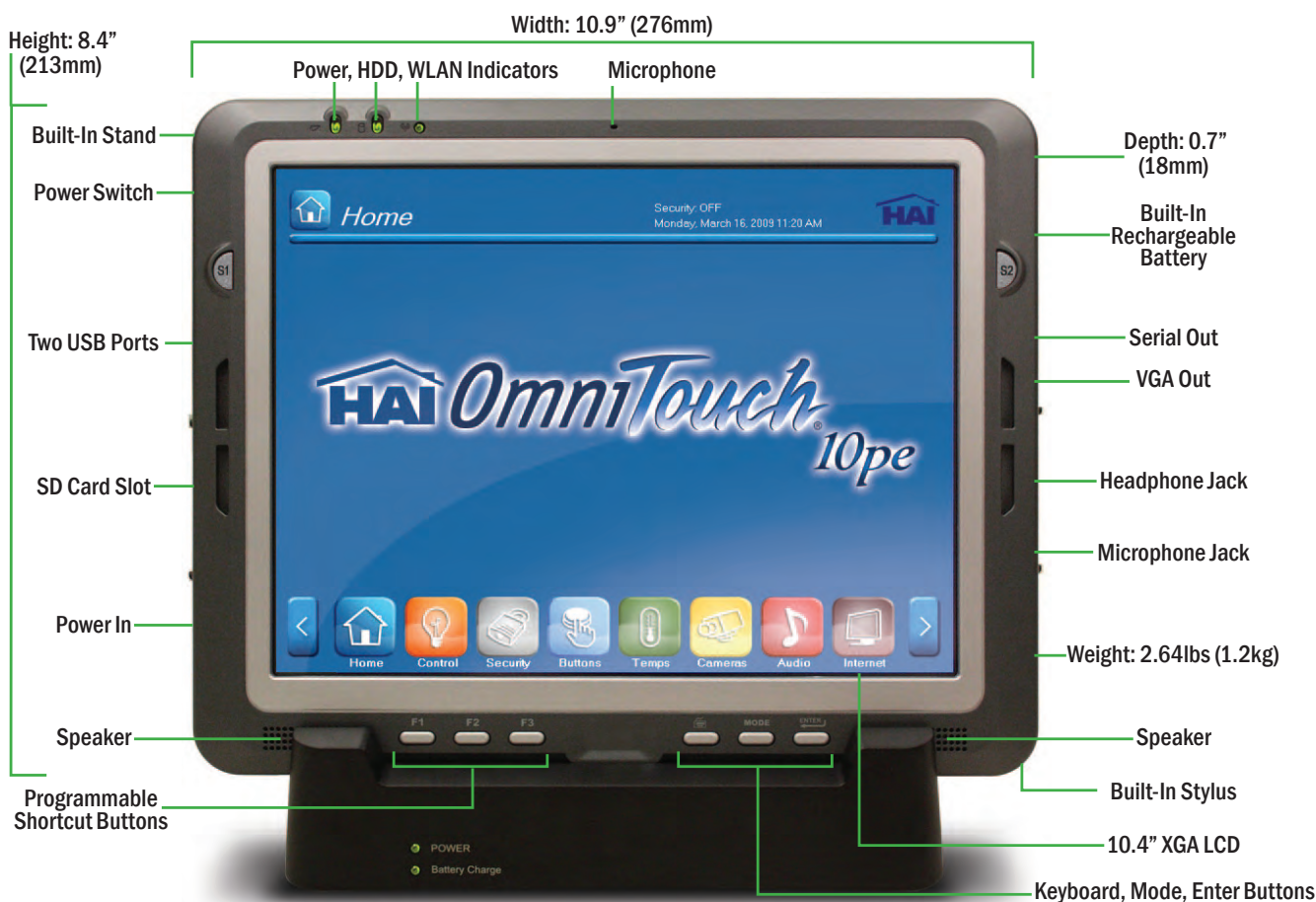
Security Surveillance Video

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

VoIP Intercom Capability



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



Supports multiple languages via HAI Automation Studio.

Efficient Atom 1.6GHz processor

10.4" (264.1mm) XGA high resolution TFT LCD screen

Rich I/O port array for application expansion

Built-in rechargeable lithium-ion smart battery

IP54 compliant—protected against dust and splashing water

Rugged design protects against accidental drops

Windows XP embedded operating system

INCLUDED WITH PACKAGE

OmniTouch 10pe Touchscreen 94A00-1

AC Adapter (In 100-240VAC, 50-60Hz; Out 19VDC/60W) -

Stylus -

Documentation -

ACCESSORIES

Docking Cradle Charger 94A01-1

How the OmniTouch 10pe beats iPad™ for home automation

- Dedicated device doesn't get taken to the library or your child's school.
- Upcoming VoIP intercom technology will add two-way communication capability.
- Runs multiple applications at once—something the iPad can't do.
- Features a fully customizable interface when paired with HAI Automation Studio software.
- Built-in heavy-duty bumpers protect against bumps and knocks that would damage the fragile iPad.
- Programmable shortcut (hard) buttons bypass navigation and jump instantly to a specific screen.



View live IP camera video.



Add more style with a metal faceplate (shown in silver)



VoIP video intercom capability with full on-screen control.

HAI *OmniTouch* 5.7e

53A00-2

ENHANCED

English - 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)**, **German (GER)**, **Portuguese (POR)**

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.

Customizable Graphic User Interface

The OmniTouch 5.7e can be 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-over-Ethernet (PoE) technology simplifies the installation process. Navigate between rooms and settings through high resolution graphic interfaces. 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 2 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

OmniTouch 5.7e now includes built-in VoIP Intercom communication. Speak with other 5.7e Touchscreens or a Connectivity Partner's door station (*see page 29*) while viewing live video of your guest. Push and hold an on-screen button to de-activate the gate lock and let a guest inside. Intercom features adjustable auto-answer, do-not-disturb mode, and speaker/ringer volumes.



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, Plastic | 53A05-AL |
| Color Change Kit: Light Almond, Plastic | 53A05-LTA |
| Color Change Kit: Black, Plastic | 53A05-BL |
| Color Change Kit: Ivory, Plastic | 53A05-IV |
| Color Change Kit: Silver, Plastic | 53A05-SL |
| Color Change Kit: White, Plastic | 53A05-WH |
| Color Change Kit: Black, Metal | 53A05-BA |
| Color Change Kit: Bronze, Metal | 53A05-BRA |
| Color Change Kit: Gold, Metal | 53A05-GA |
| Color Change Kit: Silver, Metal | 53A05-SA |

- 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 versions available
- Requires Power over Ethernet (PoE) Injector



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.



ENHANCED

HAI 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 “plug and play” color Touchscreen features large icons to control lights and small appliances, monitor and adjust security and temperatures, pool and spa temperatures, ventilation, decorative lighting, and multi-room audio under the control of an HAI home control system. HAI’s OmniTouch 5.7 is simple to install—no router, hub, or IP network is required for operation.

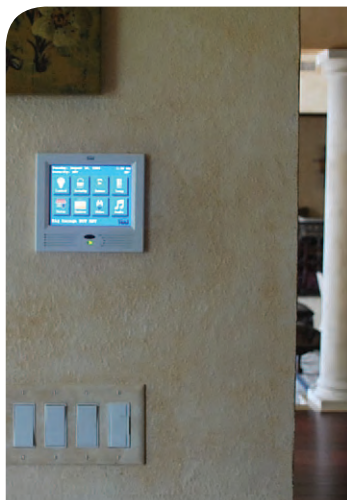
- Enhanced 5.7” full VGA LCD display
- Utilizes TFT technology for rich colors and improved viewing angles
- Built-in USB connector allows free firmware updates any time
- Powered by power supply and battery backup of HAI controller
- Includes white plastic faceplate; Color Change Kits available
- Compatible with all HAI controllers
- Four-wire: screen works off console bus

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, Plastic | 53A05-AL |
| Color Change Kit: Light Almond, Plastic | 53A05-LTA |
| Color Change Kit: Black, Plastic | 53A05-BL |
| Color Change Kit: Ivory, Plastic | 53A05-IV |
| Color Change Kit: Silver, Plastic | 53A05-SL |
| Color Change Kit: White, Plastic | 53A05-WH |
| Color Change Kit: Black, Metal | 53A05-BA |
| Color Change Kit: Bronze, Metal | 53A05-BRA |
| Color Change Kit: Gold, Metal | 53A05-GA |
| Color Change Kit: Silver, Metal | 53A05-SA |



Check live video from each surveillance camera.



Users can freely alter their OmniTouch 5.7 settings.



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



*OmniTouch 10pe not included

Docking Cradle Charger for OmniTouch 10pe

94A01-1

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



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.



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, 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.



5.7e/5.7 Table Top Stand

53A17-1

This elegant and convenient stand is perfect for bedside tables and countertops where the functionality from an OmniTouch 5.7e or OmniTouch 5.7 Touchscreen is desired. Made of durable acrylic. 7.25" W x 6" H x 5.75" D. Available in black. Touchscreen sold separately.



Plastic faceplates shown

5.7e/5.7 Color Change Kits

53A05-colorcode

Change the faceplate color on an OmniTouch 5.7e or 5.7 to match the environment of a given room. Available in plastic or anodized metal. Specify color code when ordering.


Almond
53A05-AL

Black
53A05-BL

Ivory
53A05-IV

Light Almond
53A05-LTA

Silver
53A05-SL

White
53A05-WH

Anodized Black
53A05-BA

Anodized Silver
53A05-SA

Anodized Gold
53A05-GA

Anodized Bronze
53A05-BRA


Metal faceplates shown



HAI SNAP LINK™ Mobile for iPhone



Snap-Link Mobile for iPhone ★NEW

1120A

Snap-Link Mobile for iPhone puts control of your home on your Apple iPhone™ or iPod Touch™. Simply tap the HAI logo and you have instant access to your home control page.



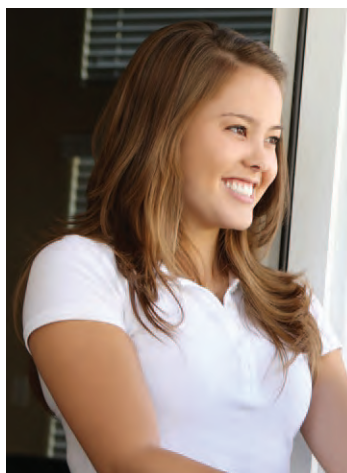
Simply purchase Snap-Link Mobile for iPhone from the Apple App Store and get in control of your home systems. With this app, you will command your home via secure encrypted communication over Wi-Fi or G3 cellular data networks. The app is available in iPhone supported regions for multi-lingual support. Users receive free automatic software updates. No third parties other than cellular service are required for operation.

Snap-Link Mobile for iPhone requires an HAI Omni IIe, OmniPro II, Lumina, or Lumina Pro home control system to be installed in the home. No cell service plan is required thanks to Wi-Fi connectivity.



- Set lighting levels or audio from 0-100% with a sliding scale—or use quick scene buttons.
- View real time surveillance camera video—front door, nursery, pool, boat dock, etc.*
- Adjusting heating and cooling and view humidity and outdoor temperatures.
- Arm/disarm the alarm. View a security log to monitor entry/exit activity.
- Select music sources and adjust volume levels in individual rooms or the entire house.
- Access multiple accounts.

*Requires appropriate cellular provider plan and cameras.



HAI SNAP LINK™ Mobile for iPad



Snap-Link Mobile for iPad



1120B

Snap-Link Mobile for iPad brings an enhanced control interface experience to the popular iPad tablet device. With its large screen area, you'll be able to quickly access all home systems with just a touch and adjust them as you please—whether at home or away. With a unique iPad interface and higher resolution graphics, your home automation control experience is visually amplified. Snap-Link for iPad goes further by adding the ability to control supported PTZ cameras and the HAI Music Gateway music and surveillance video server.

Snap-Link Mobile for Android ★NEW

Snap-Link Mobile and Snap-Link Mobile for Android allow monitoring and control of lights, security, audio, temperatures, and webcams on handheld mobile devices. Snap-Link Mobile puts control of all home functions in the palm of your hand.

It tunnels directly into the HAI home control system through a secure AES encrypted connection. An HAI Omni IIe, OmniPro II, Lumina, or Lumina Pro home control system is required.

Both applications are sold without subscription fees and users receive free updates. It features secure encrypted communications over Wi-Fi or cellular data networks. The app is available in Android supported regions for multi-lingual support.



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

*Requires appropriate cellular provider plan and cameras.

1120C HAI SNAP LINK Mobile for Android



Android phones can harness the power of access and control of home systems.



HAI SNAP LINK Mobile



Snap-Link Mobile for Windows

1120M

Snap-Link Mobile usability For Windows devices, this includes PDAs, Smartphones, or other devices running Windows® Mobile operating software. Requires a device that is running any version Windows® Mobile 5 or 6 and .NET Compact Framework 2.0+. Not compatible with Windows Mobile 7.0 and higher.



Change lighting throughout the house via your cellphone.



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



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.

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 AES 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.

1120



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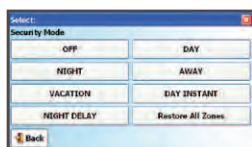
Conserve energy while maintaining the comfort level. Adjust heating and cooling by zone. View humidity and outdoor temperatures. Adjust settings before leaving work.



Select music source and adjust volume levels in rooms or whole house. Control Hi-Fi 2 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 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 JPEG 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.



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.

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 10pe 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.



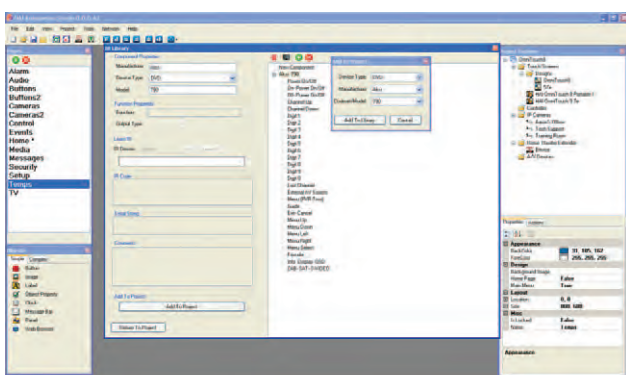
1126



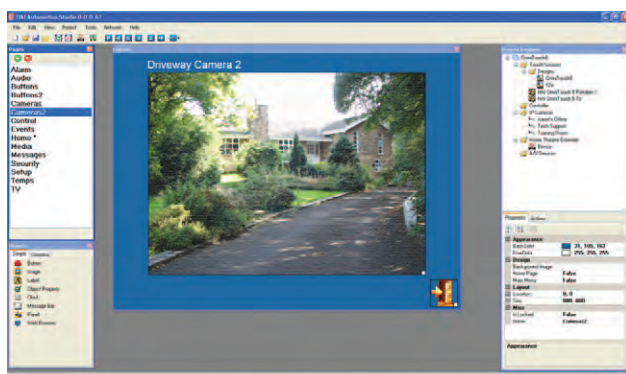
Add a custom graphic to your Touchscreen interface such as a floor plan or dealer logo.



A wealth of options are available to organize screen content.



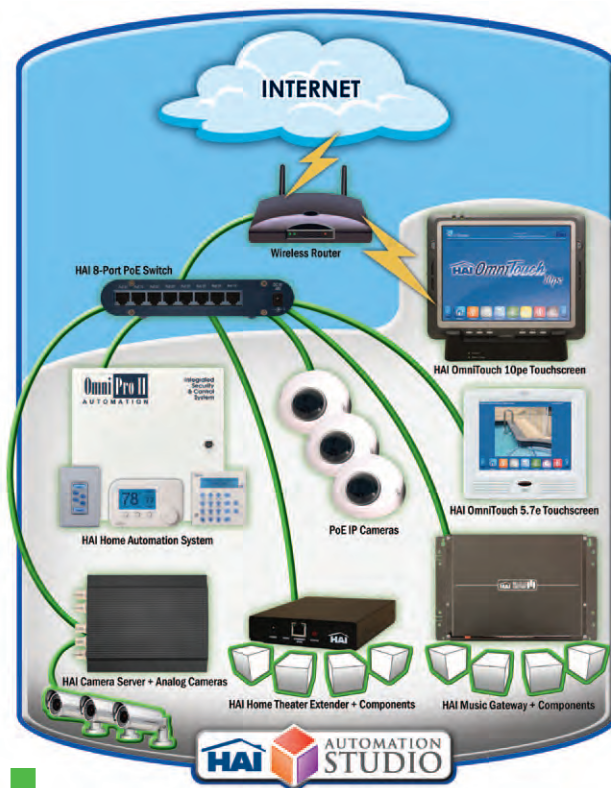
The A/V Library's Component Database adds device control.



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



Organize multimedia remote controls to suit specific requests.



THE HAI IP-BASED PRODUCT SUITE

Automation Studio ties together the new IP-based product offerings from HAI including the HAI OmniTouch 10pe 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

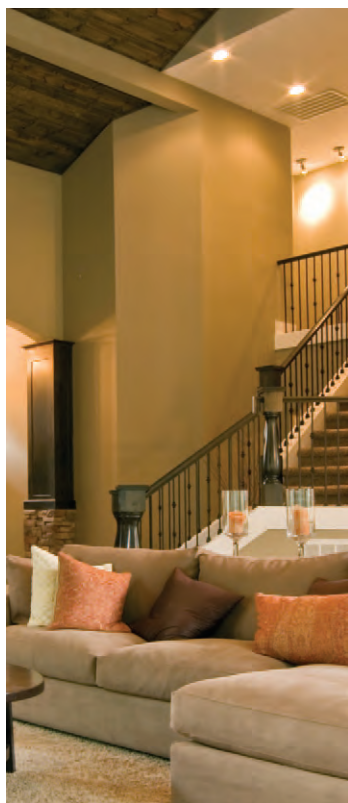
1.2Ghz Intel Pentium 4 Equivalent or Higher

1GB Physical Memory

512MB Free Disk Space

**HAI OmniTouch^{PRO}**

HAI OmniTouch Pro shown on an iLi Touchscreen

**OmniTouch Pro**

HAI's OmniTouch Pro is an intuitive touchscreen interface application for a third-party PCs or PC touchscreens that provides access to security, lighting, temperature, audio/video, surveillance cameras, and more. OmniTouch Pro features HAI default interface designs (as included with HAI's OmniTouch 5.7e and 10pe Touchscreens) which are applicable to many Windows XP tablets and Touchscreens. This default interface can be customized using HAI Automation Studio software (HAI part number 1126). Two HAI Camera Servers (for a total of eight surveillance cameras) can be added without the need for Automation Studio. OmniTouch Pro is available in eight different languages and multiple resolutions.

1131**OmniTouch Pro Software Bundle**

SAVE 10%
over the cost
of three separate
licenses!

Most installations will have multiple touch screens installed throughout. HAI offers a more economical solution for these situations: the OmniTouch Pro Software Bundle (1131X3). When you order this product, you receive three OmniTouch Pro licenses good for three different touch screen installations. By ordering this bundle you save 10% compared to the cost of three OmniTouch Pro licenses purchased separately. Order part number 1131X3 today for your next installation!

1131X3

HAI software is supported by the Philips Pronto family of devices.

Additional HAI Remote Partners

HAI has formed partnerships to expand interface offerings to their touch screens.

OmniTouch Pro Partners**Remote Partners**

PC Access



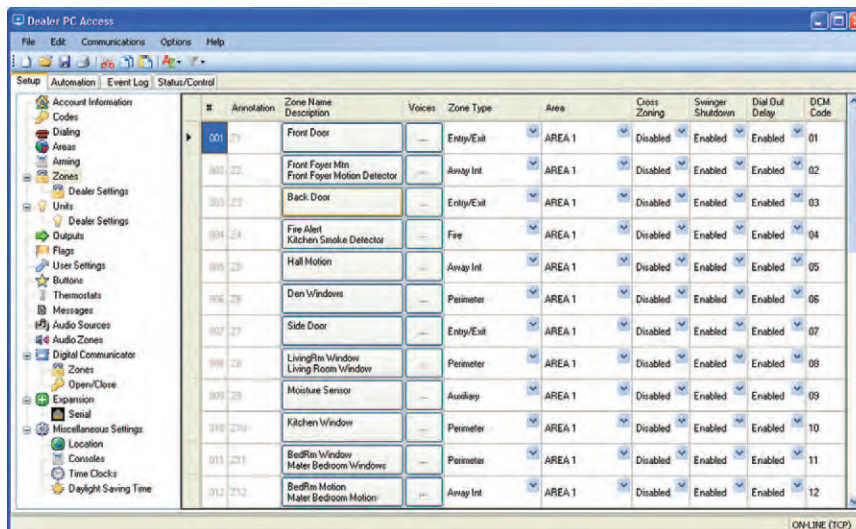
1105W/1106W/1111

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.

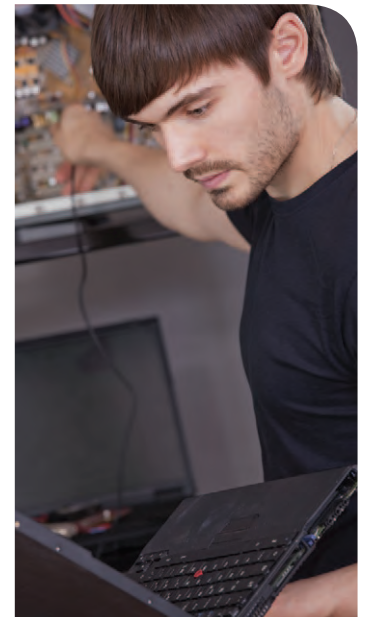
New commands for comparing temperatures (example: indoor vs. outdoor), timers, humidity, thermostat settings, and more make innovative energy-saving strategies easier. HAI has also made it easier for customers to make adjustments to their systems (altering wake-up times, "away" temperatures, holidays) 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.



- 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



PC ACCESS
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



**Web-Link II
1108****Home Control for
Windows® Media Center
1109**

Access and control an HAI system over the Internet. Check and adjust temperature, lights, security, and audio via a PC, PDA, or web-enabled phone. Offers video surveillance and recording over the Internet, wireless access, the ability to receive e-mail or text messages based on programmed events, and record video based on alarm or event. The program runs on your home server or PC. Registered users receive free updates. Enhanced for Windows 7.

Runs on a Windows® Media Center computer to control lighting, temperatures, security, and audio on a television using a single Media Center remote control. Play, pause and record live TV, store digital music, videos & photos, browse the Internet, check e-mail and run Windows® applications. Coordinate security, temperature, lighting, and audio for comfort, convenience and safety. Registered users receive free updates. Enhanced for Windows 7.

SPECIFICATIONS

HAI Software Comparison Chart

| | HAI Home Control | Snap-Link | Snap-Link Mobile | PC Access | Web-Link II |
|--|---|---|--|---|--|
| Part Number | 1109 | 1120 | 1120M | 1105W, 1106W, 1111, 1105WSP | 1108 |
| Access via Internet | Remote Desktop | Yes | Yes | Yes | Yes |
| Dedicated Computer On-site | Yes**** | No**** | No | No**** | Yes**** |
| Client Software | Application | No (runs on client)* | No (runs on client)* | Yes (installed on client) | No (uses Standard web browser) |
| Installation Components | No | No installation (Plug and Go)* | Application | Application | Web server and application |
| Subscription Fee | No | No | No | No | No |
| Video Surveillance | Yes | Link to installed IP Web Camera | Yes | No | Yes |
| Video Recording | Yes | No | No | No | Yes |
| Notifications | Pop-up notifications, audible, and visual | E-mail, messaging, pop-up notifications, visual | No | No | E-mail, messaging, and visual |
| User Interface | Televisions with remote control | PC application | Windows® Mobile Application | PC application | Web Browser |
| Additional Interfaces Supported | Additional television/monitors using Media Center Extenders | PC Touchscreen | Windows® Mobile based PDA's, Smartphone | None | iPhones™, BlackBerry™, PDA's, Smartphones, Web Tablets, and Touchscreens |
| Configure System | No | No | No | Yes | No |
| Program System | No | No | No | Yes | No |
| Create Rules/Alerts | Yes | Yes | No | No | Yes |
| Change Description | No | Yes | No | No | Yes |
| Web Updates | Yes | Yes | Yes | Yes | Yes |
| RSS (Real Simple Syndication)** | No | No | No | No | Yes |
| Operating Systems | Windows XP Media Center Edition software, Windows Vista Home Premium, Windows 7 | Windows ME and higher | Windows Mobile 5.x/6.x 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 |

* 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.

***** Not compatible with Windows Mobile 7 phones.



HAI Software Combo 1110



Web-Link II and Home Control for Windows® Media Center software bundled together for homeowners who want even greater control and more connectivity options. Enhanced for Windows 7.



**“In terms of value, quality, and innovation,
no other company surpasses HAI in
the home automation arena.”**

Home in Control, Inc., Matteson, Illinois, USA

CONVENIENT INTERFACES

SOFTWARE

| | WL3 | iPhone App | iPad App | Android App | OmniTouch Pro |
|--|--|--|---------------------|-------------------------|---|
| Part Number | 1112 | 1120A | 1120B | 1120C | 1131 |
| Access via Internet | Yes | Yes | Yes | Yes | Yes |
| Dedicated Computer On-site | Yes**** | No | No | No | No |
| Client Software | No (uses standard web browser) | No (runs on client) | No (runs on client) | No (runs on client) | No (runs on client) |
| Installation Components | Application | Application | Application | Application | Application |
| Subscription Fee | No | No | No | No | No |
| Video Surveillance | Yes | Yes | Yes | Yes | Yes |
| Video Recording | Yes | No | No | No | No |
| Notifications | E-mail, messaging, and visual | No | No | Yes | - |
| User Interface | Web Browser | iPhone App | iPad App | Android App | PC Application |
| Additional Interfaces Supported | iPhones™, BlackBerry™, PDA's, Smartphones, Web Tablets, and Touchscreens | Apple iPod Touch™ and iPad™ (iPad in compatibility mode) | No | Android Mobile Devices | PC Touchscreens |
| Configure System | No | No | No | No | No |
| Program System | No | No | No | No | No |
| Create Rules/Alerts | Yes | No | No | No | - |
| Change Description | Yes | Yes (hide/show) | Yes | No | Yes |
| Web Updates | Yes | Yes | Yes | Yes | Yes |
| RSS (Real Simple Syndication)** | Yes | No | No | No | Yes |
| Operating Systems | Windows Home Server | iOS 3.0 or later | iOS 3.2 or later | Android OS 2.1 or later | Microsoft Windows XP, Vista, or Windows 7 |



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

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

Nexus
www.nexusaudiosystems.com

NuVo
www.nuvotechnologies.com

Philips
www.pronto.philips.com

Proficient Audio Systems
www.proficientaudio.com

Rave
www.ravetechnology.com

Russound
www.russound.com

SpeakerCraft
www.speakercraft.com

Xantech
www.xantech.com

Zektor
www.zecktor.com

Design Tools & Services

D-Tools
www.d-tools.com

GUI Ja Board
www.guijaboard.com

Infusebox
www.infusebox.com

Interfaces

AMX
www.amx.com

Borg Displays
www.borgdisplays.com

Charmed Quark Systems
www.charmedquark.com

Connected Hearth
www.connectedhearth.com

HomeLogic
www.homelogic.com

HomeSeer
www.homeseer.com

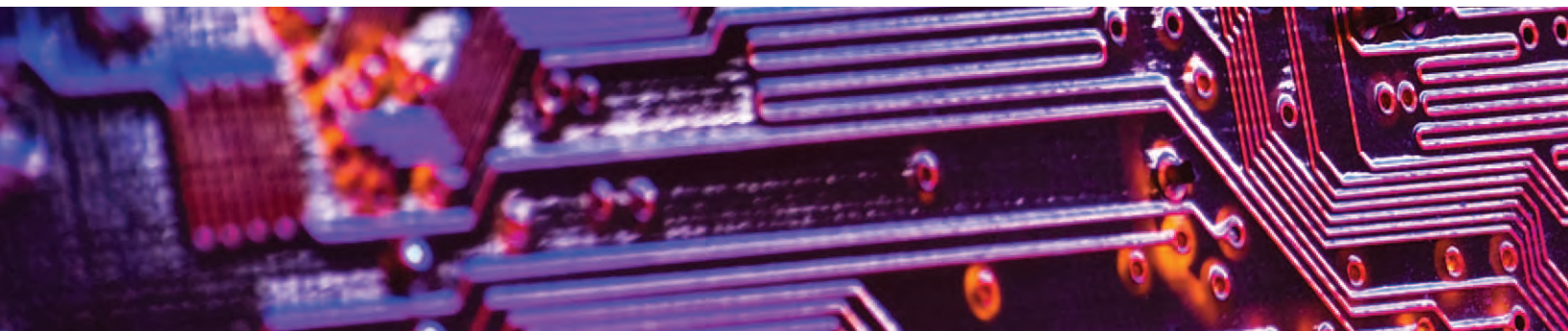
Myro Control
www.meetmyro.com

Omnipotence Software
www.omnipotencesoftware.com

Samsung
www.samsung.com

Total Control
www.totalcontrolapp.com

Universal Remote Control
www.universalremote.com



Irrigation

WGL & Associates
www.wgl designs.com

Lighting (110VAC)

Centralite
www.centralite.com

Clipsal
www.clipsal.com

Legrand
www.onqlegrand.com

Leviton
www.leviton.com

Lightolier Controls
www.lolcontrols.com

LiteTouch
www.litetouch.com

Lutron
www.lutron.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

Eloka
www.eloka.net

Lutron
www.lutron.com

PLLC
www.pllc.com.au

Sistema Casa
www.sistemacasa.it

Mobile Technology

Only One Remote
www.onlyoneremote.com

Security

DSC
www.dsc.com

Cartell
www.cartell.com

iON Security
www.ion-digital.com

Luxul Wireless
www.luxulwireless.com

Sequel Technologies
www.sequeltechnologies.com

Structured Wiring

Home Director
www.homedirector.com

Legrand
www.onqlegrand.com

Leviton
www.leviton.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 Homeowner Benefits Literature
- Model Home Support Kit
- CSI Format Architectural Specifications
- CEA TechHome Rating System
- HAI Yard Signs
- “Protected by HAI” Window Decals
- 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

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 or 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 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

HAI Developer Support



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





Benefits of Being a Listed Dealer

Improved visibility to homeowners. Consumers considering home automation visit 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.

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.

Five Star Dealer



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. Attendees work hands-on with a home control system and computer to install and set up an HAI system. There is a fee to attend this class and seating is limited.

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 include:

HAI Installation Training · HAI New Products · Hands On Training · Hi-Fi 2 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.

International Training

Visit www.hai-international.com often for classes scheduled in various countries around the world.

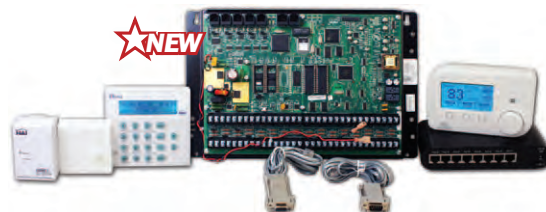
Regional Factory Training ★NEW

To meet requests for additional hands-on training, HAI is bringing its factory to you. In the Regional Factory Training experience, each participant is given instruction to design, connect, program, and customize their own system. Included in the agenda is security, lighting control, thermostat and energy management, camera hook ups, OmniTouch Touchscreen configuration and customization, audio distribution, full logic programming and more. These classes give installers the opportunity to purchase an HAI OmniPro II home control system. Each attendee uses their OmniPro II throughout the course, and can then install it in their own home, lab, or showroom. *The purchase of this kit (11ASPECTRAINKIT) is required for attendees.*

HAI PART NUMBER: 11ASPECTRAINKIT
Regional Factory Training Kit

INCLUDED WITH PACKAGE

| | |
|---|-----------|
| HAI OmniPro II Controller for Structured Wiring | 20A00-8 |
| HAI Omni Console | 33A00-1 |
| HAI 8-Port PoE Switch | 91A00-1 |
| HAI Omnistat2 Communicating Thermostat | RC-2000WH |



| | |
|---|---------|
| HAI ER I/O Temp & Humidity Sensor | 31A00-8 |
| Serial Connectivity Cable | 36A05-4 |
| UPB™ Powerline Interface Module & Cable | 36A00-1 |
| Serial PC Cable | 21A05-2 |



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: HAI provides Dealers and Distributors a wealth of proven 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 and Omni-Link protocol supports Ethernet applications utilizing Internet protocols. 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
- Building Management Booklet
- HAI 2011 Product Guide

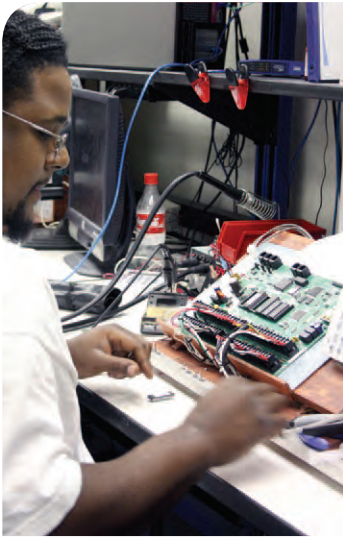
Listed Dealers and Distributors can download editable copies of many of these documents. Company contact information can then be added. High-resolution files of HAI's logos and products are also available to use in marketing efforts. Flash commercials and demonstrations can be downloaded and used on 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 (part #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 #SA-30) and HAI Window Decals (part #SA-31) 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's Ernie Sieber, Technical Support Supervisor, inspects HAI Access Control Readers.

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

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

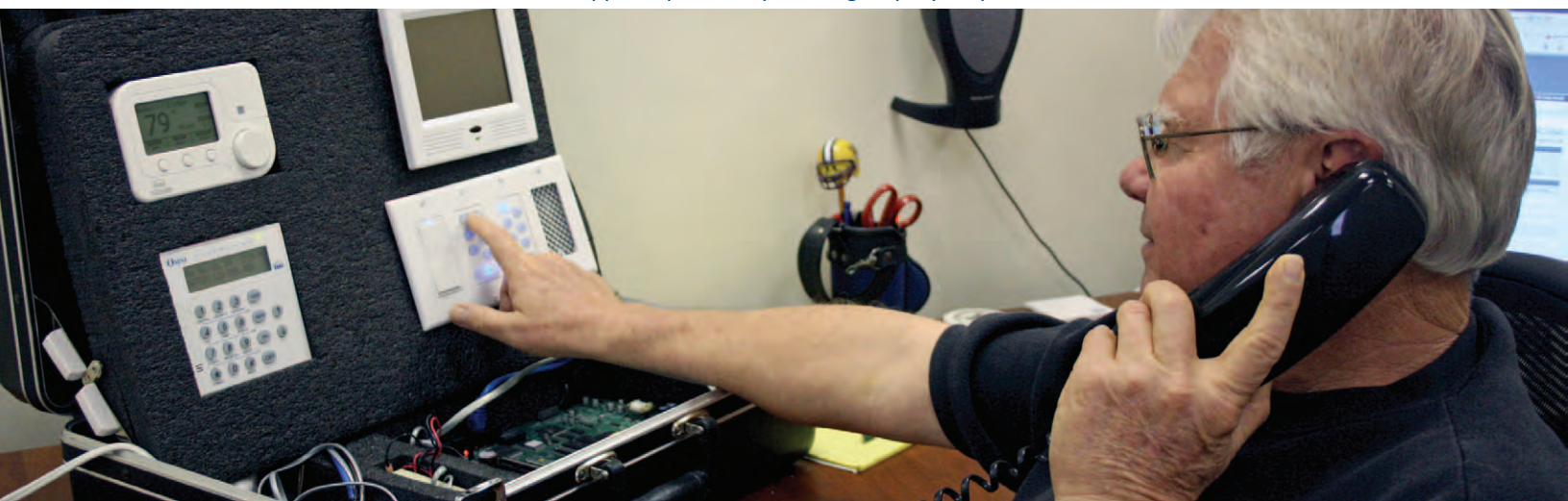
- HAI Territory Sales Managers
- HAI 800 Technical Support: 800.229.7256 Option 1, or x400
- HAI Online Knowledge Base at <http://kb.homeauto.com>
- HAI Parts & Repair Department
- Warranties on all HAI products
- HAI Dealer Online Forum

Visit www.homeauto.com for additional support and service information.

HAI® Technical Support

800.229.7256 x400 • support@homeauto.com

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



HAI Dealer Support Tools



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, indoor/outdoor day/night bullet camera, and 8-port PoE switch. Suitable for international customers.



Demo Adapter Kit 18A00-5

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





SPECIFICATIONS

Maximum Cable Length Based on Wire Gauge/Type

| Wire Gauge | Solid/Stranded | # Positive Conductors | # Ground Conductors | Max Cable Length (ft.) |
|------------|----------------|-----------------------|---------------------|------------------------|
| 24 | Solid | 1 | 1 | 113 |
| 24 | Solid | 2 | 2 | 227 |
| 24 | Solid | 3 | 3 | 340 |
| 22 | Solid | 1 | 1 | 180 |
| 22 | Solid | 2 | 2 | 360 |
| 22 | Stranded | 1 | 1 | 166 |
| 20 | Solid | 1 | 1 | 287 |
| 20 | Stranded | 1 | 1 | 267 |
| 18 | Solid | 1 | 1 | 456 |
| 18 | Stranded | 1 | 1 | 420 |
| 16 | Solid | 1 | 1 | 724 |
| 16 | Stranded | 1 | 1 | 669 |

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 Only (No Door Lock Connected): 150mA 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 |



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 | 58 |
| 24 | solid | 2 | 2 | 117 |
| 24 | solid | 3 | 3 | 175 |
| 22 | solid | 1 | 1 | 103 |
| 22 | solid | 2 | 2 | 207 |
| 22 | stranded | 1 | 1 | 95 |
| 18 | solid | 1 | 1 | 261 |
| 18 | stranded | 1 | 1 | 241 |
| 16 | solid | 1 | 1 | 415 |
| 16 | stranded | 1 | 1 | 383 |

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), it is possible to connect multiple conductors together to achieve greater distance.

SPECIFICATIONS

HAI Product Wiring Requirements and Distances

| Product Name | Part Number | Wire Type | Conductors | Max. Length | Twist | Shield |
|-----------------------------------|-------------|----------------------------|-----------------|-------------------|-------|--------|
| PESM | 1101A | 22 AWG | 4 | N/A | No | No |
| Two-Way Voice Module | 10A11-ALL | * | - | - | - | - |
| Water Temperature Sensor | 12A00-8 | 22 AWG | 3 | N/A | No | No |
| Expansion Enclosure | 17A00 | 22 AWG | 2 ¹⁰ | 1000 ¹ | No | No |
| Remote Temperature Sensors | 23A00 | 22 AWG ⁵ | 2 | 250 ⁵ | Yes | Yes |
| ALC Branch Interface | 25A00 | 20-24 AWG | 2 | 500 ³ | Yes | No |
| Freeze Watch Sensor | 26A00-5 | 22 AWG | 4 | N/A | No | No |
| Speaker/Microphone Module | 28A00-ALL | * | - | - | - | - |
| Indoor/Outdoor Temperature Sensor | 31A00-ALL | 22 AWG | 4 | N/A | No | No |
| Touchscreen Hub (Controller) | 32A30 | 22 AWG ¹² | 3 | 1000 ¹ | No | No |
| LCD Console* | 33A00-ALL | 22 AWG | 4 | 1000 ¹ | No | No |
| Wireless Receiver (GE) | 42A00-1 | 22 AWG | 4 | 1000 ¹ | No | No |
| Wireless Receiver (HAI) | 45A00-1 | 22 AWG | 4 | 1000 ¹ | No | No |
| OmniTouch 5.7e Touchscreen | 53A00-2 | CAT-5 (patch) | 8 | 328 ⁷ | N/A | N/A |
| Access Control Keypad | 54A00-2 | 22 AWG | 4 | 50' | N/A | N/A |
| IP Camera | 68A11-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| Access Card Reader | 75A00-1 | 22 AWG ⁹ | 4 ⁹ | 1000 ⁹ | N/A | N/A |
| 12VDC Door Strike | 79A00-1 | 16 AWG | 2 | - | - | - |
| Power Hub (Controller) | 83A00 | 22 AWG | 3 ¹² | 1000 ¹ | No | No |
| Music Gateway | 84A00-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| Home Theater Extender (HTX) | 86A00-1 | CAT-5 (patch) ⁸ | 8 | 328' | N/A | N/A |
| HAI Camera Server | 87A00-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| PoE Injector | 90A00-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| 8-Port PoE Switch | 91A00-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| Serial Server | 93A00-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| OmniTouch 10pe Touchscreen | 94A00-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| Hi-Fi 2 (Network) | 95A00-1 | CAT-5 (patch) | 8 | 328' | N/A | N/A |
| Hi-Fi 2 (Controller) | 95A00-1 | 22 AWG | 4 | 50' | N/A | N/A |
| Hi-Fi 2 RIM | 95A04-1 | CAT-5 (patch) | 8 | 500' | N/A | N/A |
| Speakers connected to Hi-Fi 2 | - | 16 AWG | 4 ⁶ | - | N/A | N/A |
| Omnistat2 Thermostat (All Models) | - | 22 AWG | 4 | 10,000' | No | No |
| Speaker | * | 18 AWG | 2 | 50' | Yes | No |
| Microphone | * | 24 AWG | 2 | 100' | Yes | Yes |

¹1000' limit for entire AB Bus combined. ²Exact wire determined by distance and wire type. ³Wire limit per branch. ⁴For distances up to 100' use 16 AWG. ⁵Size of wire required based on insulation and distance. ⁶Recommend stranded for each pair of speakers. ⁷Distance between 53A00-2 and PSE (Power Sensing Equipment) device. ⁸When connecting the HTX to an HAI PoE Switch (91A00-1) a CAT-5 "crossover" cable is required. ⁹Exact wire determined by distance and wire type. ¹⁰Recommend 3 conductors (including common ground) for remote mounting the expansion enclosure. ¹¹Original Hi-Fi components use the same wiring. ¹²Two additional wires required for low battery notifications. *Speaker/Microphone wiring sizes should be used with Two-Way Voice Module (10A11-1), Speaker/Microphone Module (28A00-1/2), and LCD 33A00-4

OMNITOUCH 5.7 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).

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.



WIRING DIAGRAM

OmniPro II/Omni Commercial/Omni IIe

OmniPro II
AUTOMATION

OMNI
AUTOMATION

OMNI IIe
AUTOMATION

AUDIO

Omni Console w/ Spkr/Mic (#33A00-4)
Surface Speaker/Mic (#28A00-1)
Flush Speaker/Mic (#28A00-2)
Two-Way Voice Module (#10A11-1)

SERIAL PORTS

HAI Lighting Control
Serial to PC Cable (#21A05-2)
Serial Connectivity Cable (#36A05-4)
HAI Connectivity Partner Audio System (OmniPro II only)
Hi-Fi 2 by HAI (#95A00-1 or #95A00-2)
Access Control Readers

ETHERNET PORT

Two-Way X-10 Interface Kit (#10A09-7)

EXPANSION

Zone Expander (#10A06-1)
Serial Board (#10A17-1)
ALC Lighting (#25A00-2)

12V BATTERY

EARTH GROUND

TRANSFORMER 24V/40VA

TELEPHONE INTERFACE

PC Access
Telephone
C3 (#70A00-1)

USER INTERFACE

OmniTouch Touchscreens & Consoles

EXPANSION

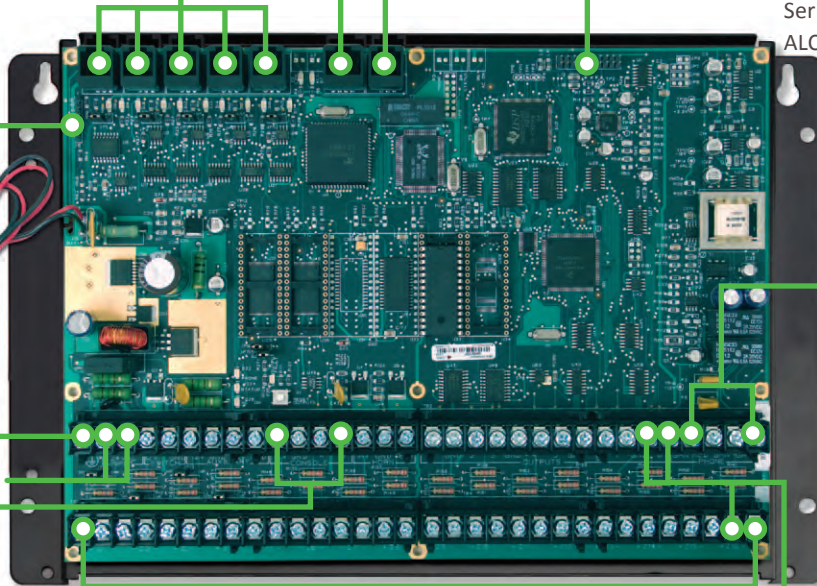
HAI Wireless Receiver (#45A00-1)
Wireless Receiver (#42A00-2)
Expansion Enclosure (#OmniPro II only)

SECURITY & ENERGY MANAGEMENT

Temperature Sensor (#31A00-7)
Temperature/Humidity Sensor (#31A00-8)
Standard Security/Fire/Environmental Sensors

COMFORT & CONVENIENCE

Omnistat2 Thermostats



WIRING DIAGRAM

Omni LT Controller



AUDIO

Omni Console w/ Speaker/Mic (#33A00-4)
Surface Speaker/Microphone (#28A00-1)
Flush Speaker/Microphone (#28A00-2)
Two-Way Voice Module (#10A11-1)

SERIAL PORT

Home Control for Media Center (#1109)
Hi-Fi 2 by HAI (#95A00-1 or 95A00-2)
HAI Web-Link II Software (#1108)
HAI Lighting Control
Serial Cable (#21A05-2)
PC Access

EXPANSION

Omni LT Expander (#22A00-1)
ALC Lighting (#25A00-1)

CONNECTIVITY

Serial Board (#10A17-1)

TELEPHONE INTERFACE

PC Access Software
Telephones
Computer Modems
C3 Cellular Communications Center

EARTH GROUND

TRANSFORMER

16.5V, 40 VA (12V Battery)

EXPANSION

Wireless Receiver (#45A00-1)

USER INTERFACE

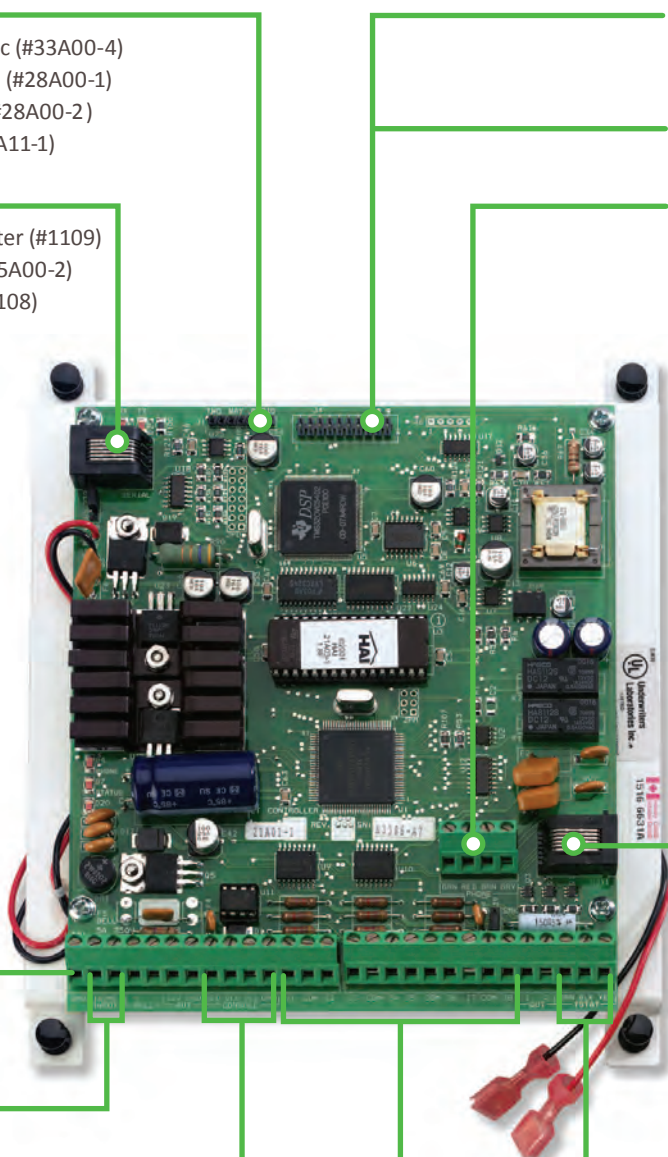
OmniTouch Touchscreens & Consoles

COMFORT & CONVENIENCE

HAI Omnistat2 Thermostats (two max)

SECURITY & ENERGY MANAGEMENT

Temperature Sensor (#31A00-7)
Temperature/Humidity Sensor (#31A00-8)
Standard Security/Fire/Environmental Sensors



Two-Way X-10 Interface Kit
(#10A09-7)

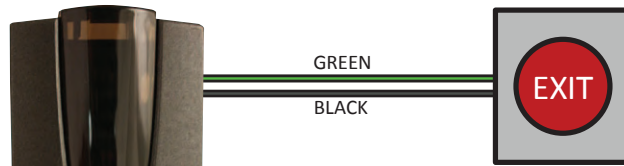
WIRING DIAGRAM

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

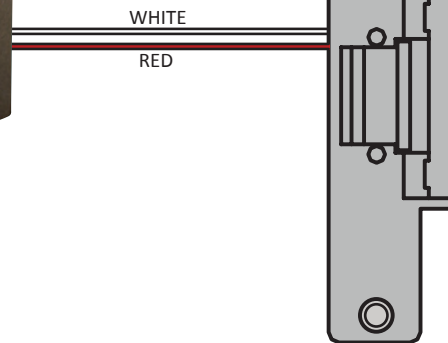


Access Control Reader (#75A00-1)

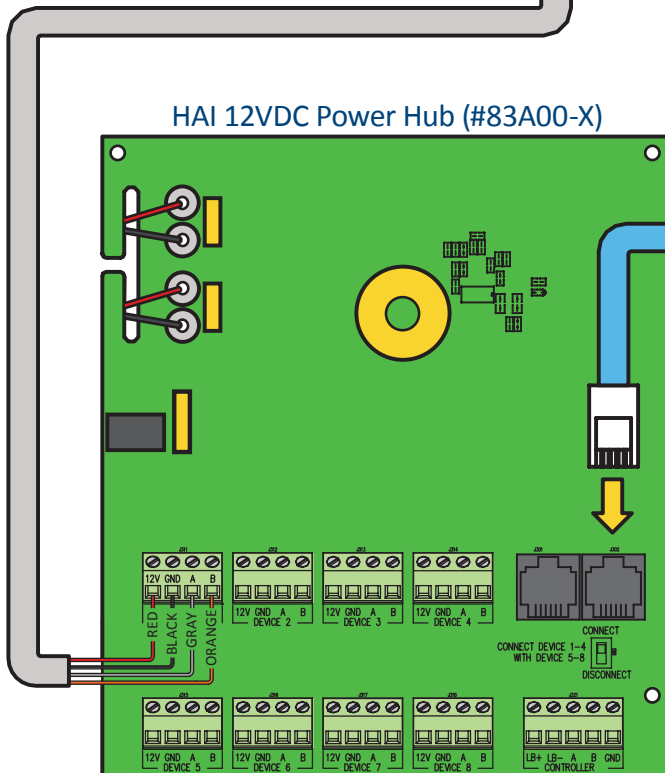
Exit Button



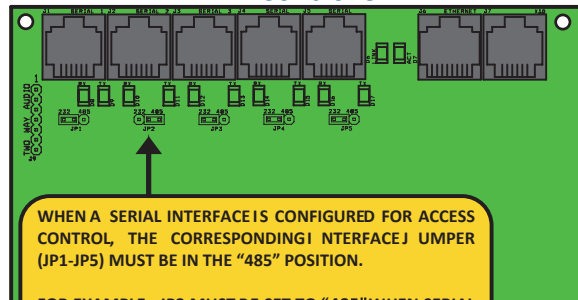
12VDC Door Strike



HAI 12VDC Power Hub (#83A00-X)



HAI Controller

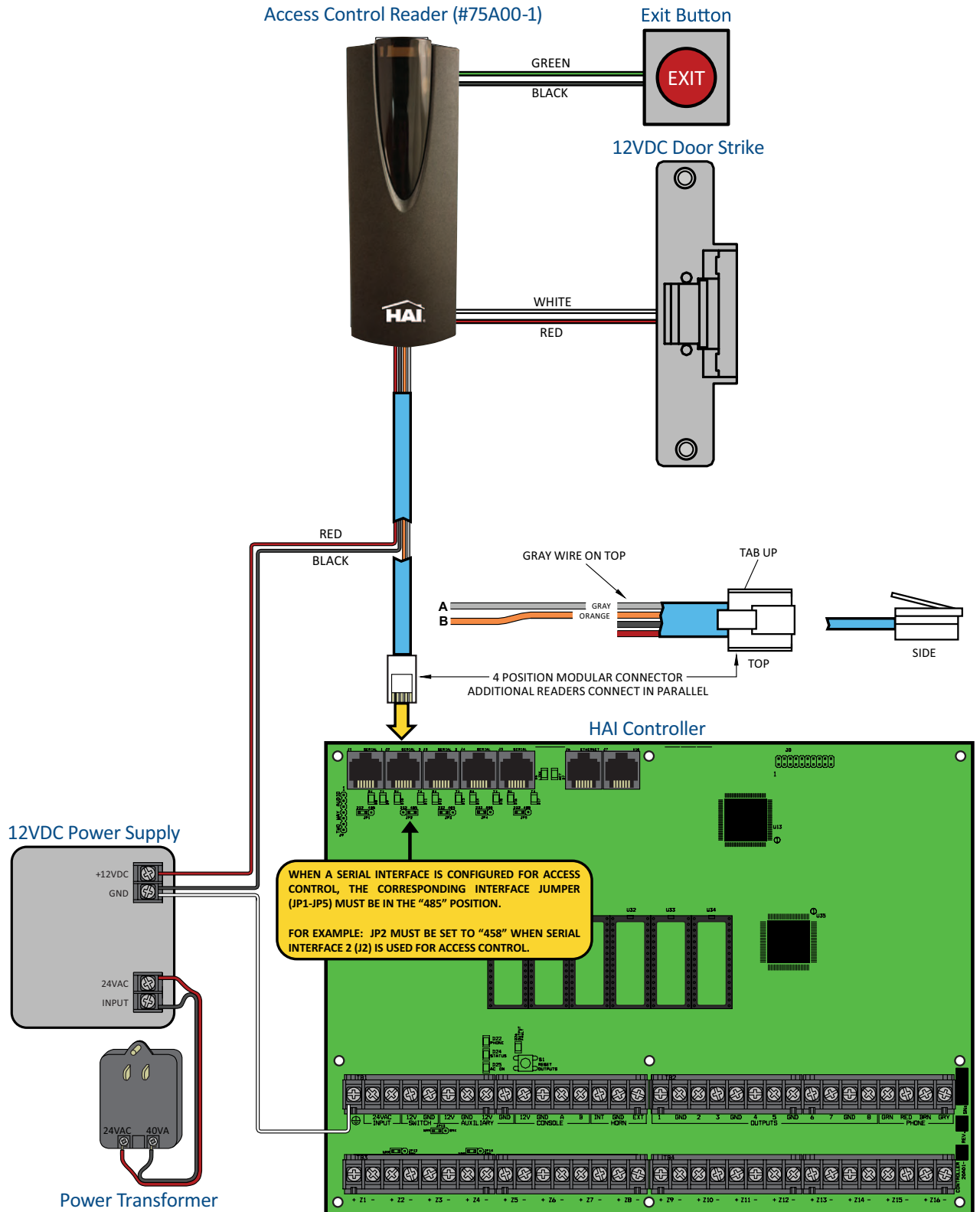


WHEN A SERIAL INTERFACE IS CONFIGURED FOR ACCESS CONTROL, THE CORRESPONDING INTERFACE JUMPER (JP1-JP5) MUST BE IN THE "485" POSITION.

FOR EXAMPLE: JP2 MUST BE SET TO "485" WHEN SERIAL INTERFACE 2 (J2) IS USED FOR ACCESS CONTROL

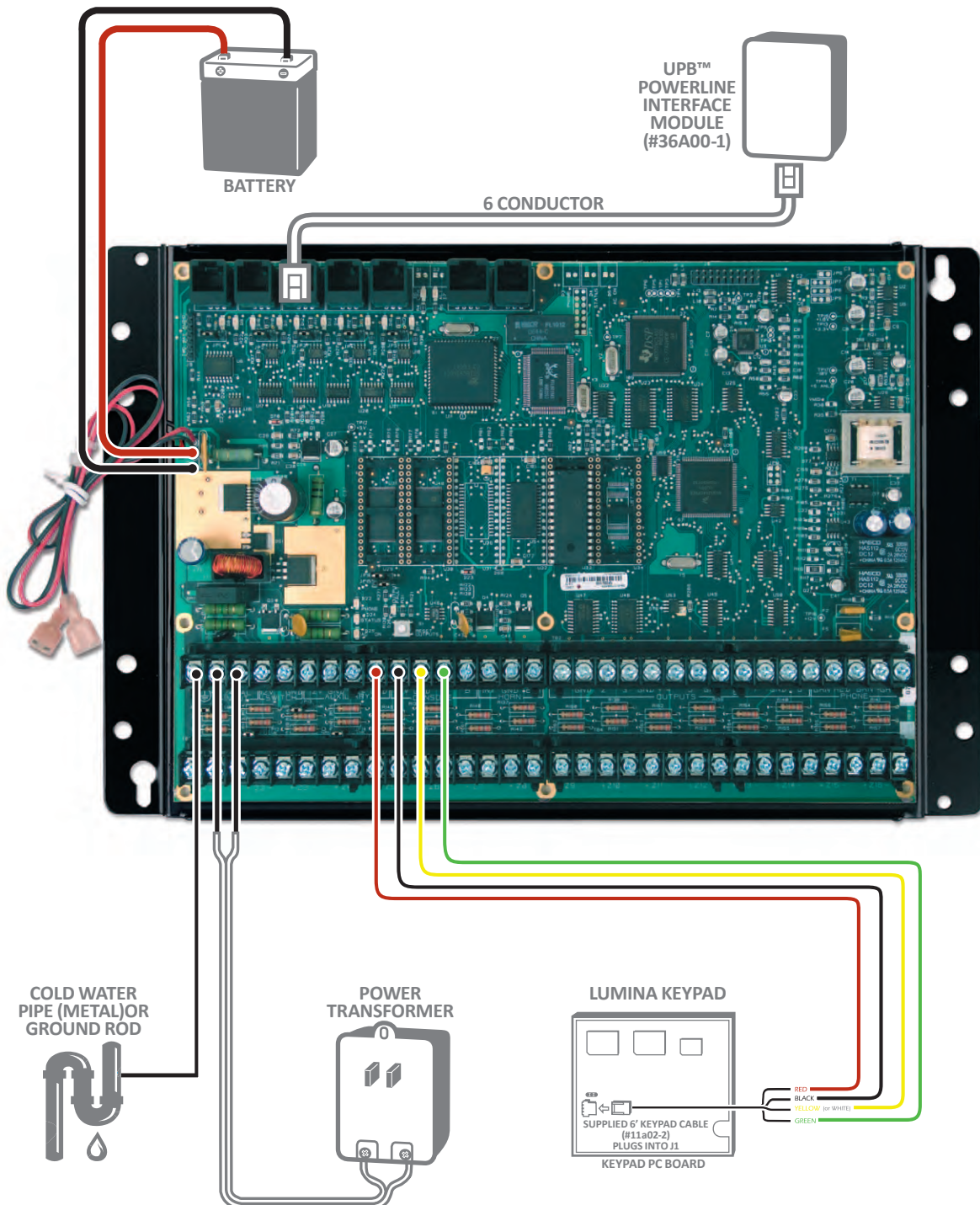
WIRING DIAGRAM

Access Control via non-HAI Power Supply



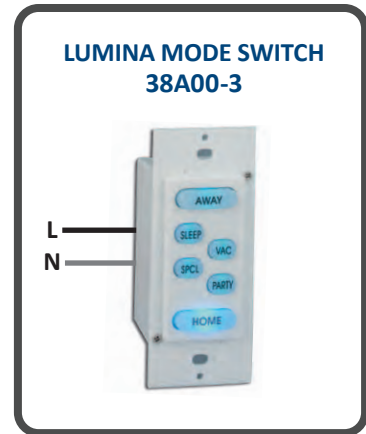
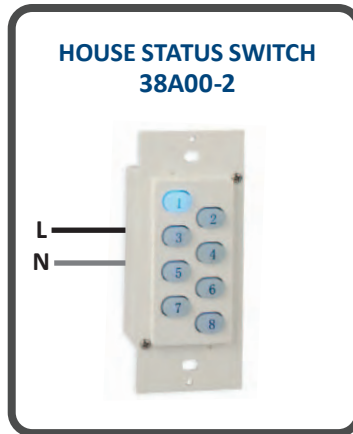
WIRING DIAGRAM

Lumina/Lumina Pro Energy Management Controllers

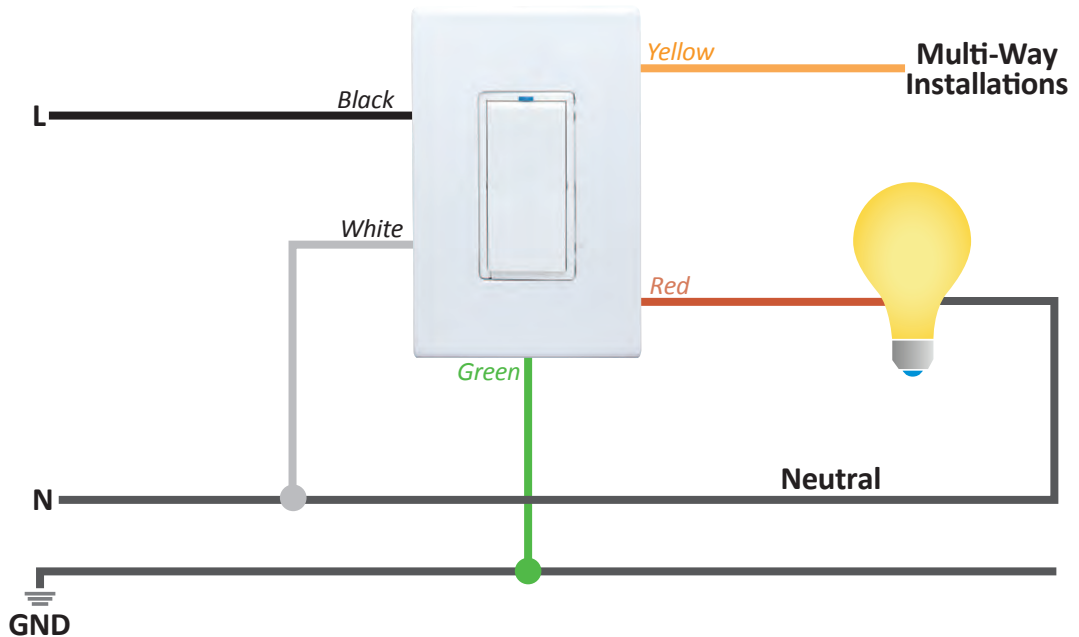


WIRING DIAGRAM

Lighting Control Switches



Dimmers and Relay Switch 35A00-1, 55A00-1, 55A00-2, 55A00-3, 40A00-1



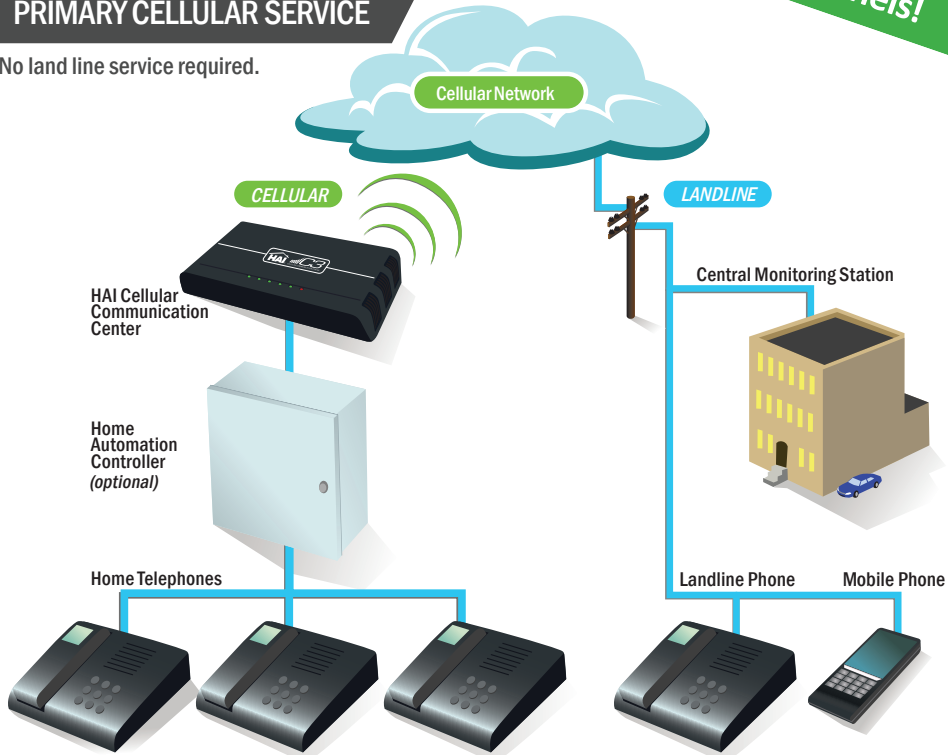
NETWORK DIAGRAM

C3 Cellular Service: Primary/Backup

Works with most standard security panels!

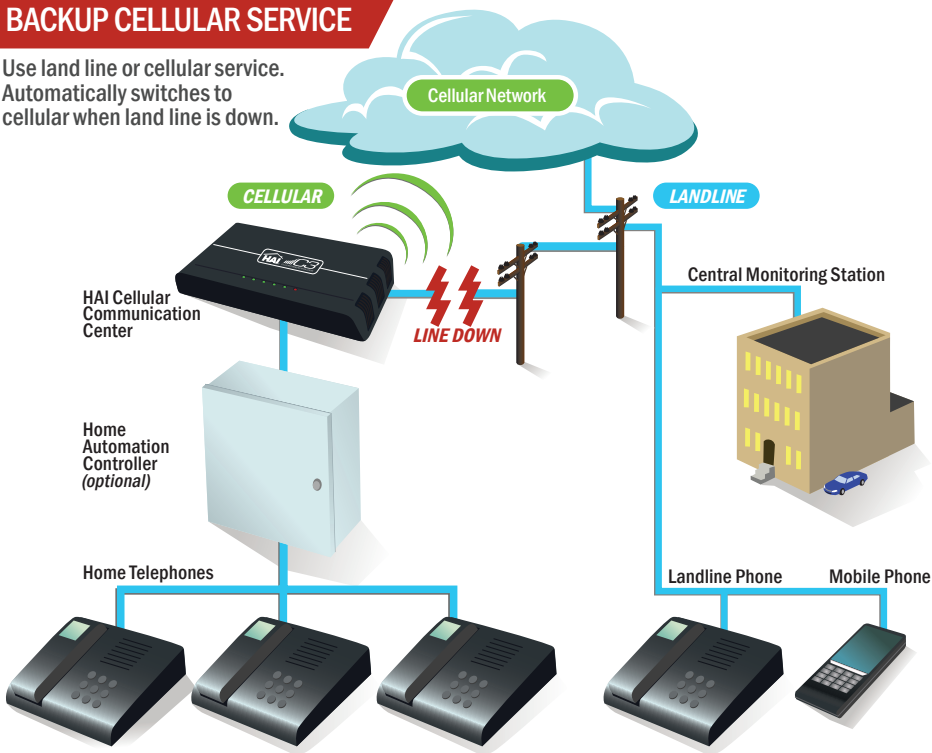
PRIMARY CELLULAR SERVICE

No land line service required.



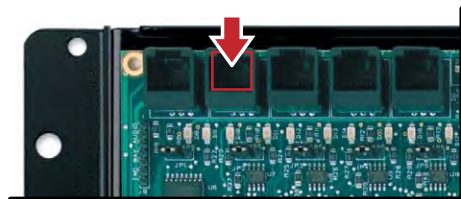
BACKUP CELLULAR SERVICE

Use land line or cellular service. Automatically switches to cellular when land line is down.



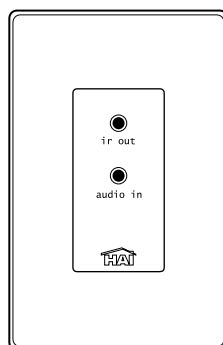
WIRING DIAGRAM

Hi-Fi 2 by HAI



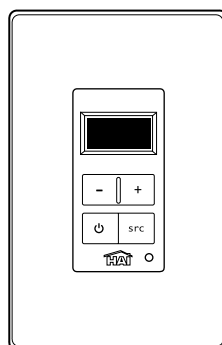
HAI CONTROLLER (OPTIONAL)

Connect to HAI controller or other serial port device. With a controller, select zone and source and control volume and power from an HAI OmniTouch Touchscreen or via controller program.



RIM

- Remote Input Modules allow any source from anywhere in the house to be listened to in any or all zones. RIMs also have an IR emitter port for routed IR commands from VSCs.
- Use Cat5 cable from the RIM to Remote Audio In on the Hi-Fi 2.
- Add a max of 8 RIMs to the main board.



VSC

- Volume–Source Controls allow selection of source and adjustment of volume, bass, treble, balance, and source gain. VSCs also feature an IR receiver.
- Use Cat5 cable from the VSC to Zone Control In on the Hi-Fi 2.
- Add a max of 8 VSCs to the main board.

LOCAL AUDIO INPUTS

Connect local line-level audio sources to these 8 jacks.

VARIABLE OUTPUTS

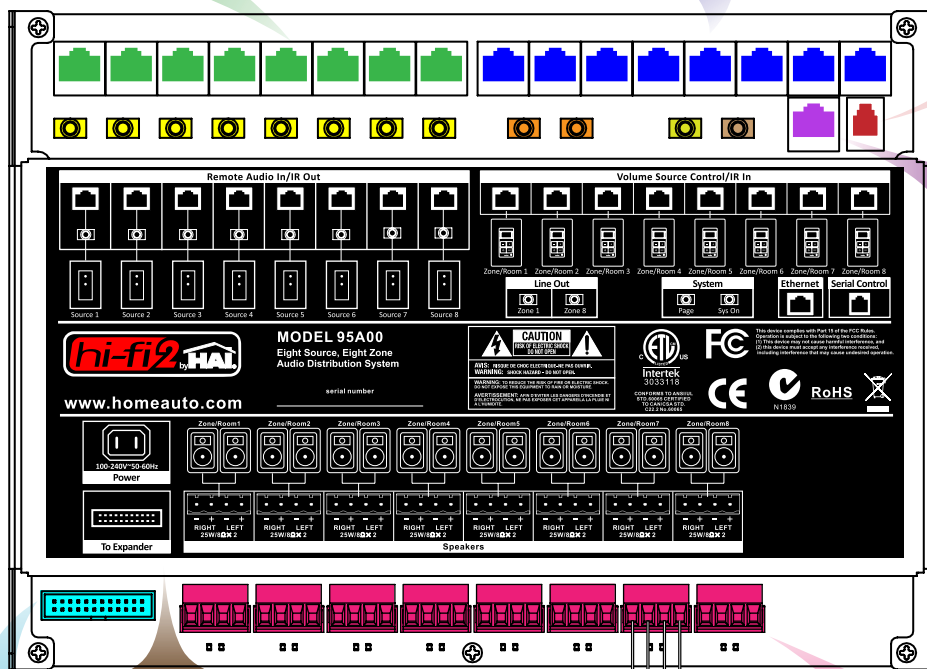
Attach additional amplification to Zone 1 and/or 8.

PAGE INPUT

When triggered, all zones turn on at their preset paging volume and switch to Source 8.

SYSTEM ON OUTPUT

When any audio zones turn on, this output activates an auxiliary amplifier equipped with a voltage trigger.



ETHERNET NETWORK PORT

Communicate with IP devices on the network. Compatible with the HAI Music Gateway which can connect to and control the Hi-Fi 2.

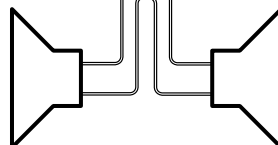
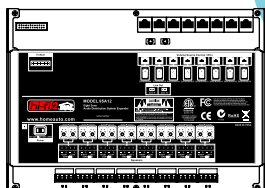


POWER SUPPLY INPUT

100–240V~50–60Hz; Power cable supplied.

HI-FI 2 EXPANSION BOARD

Connect the Hi-Fi 2 Expansion Board via a supplied expansion cable to add an additional 8 zones to your Hi-Fi 2 home audio system.



ZONE SPEAKERS

Total of 8 on the main board. Use 8–Ohm speakers and 16–gauge speaker wire (4–conductor stranded suggested for neat installation).

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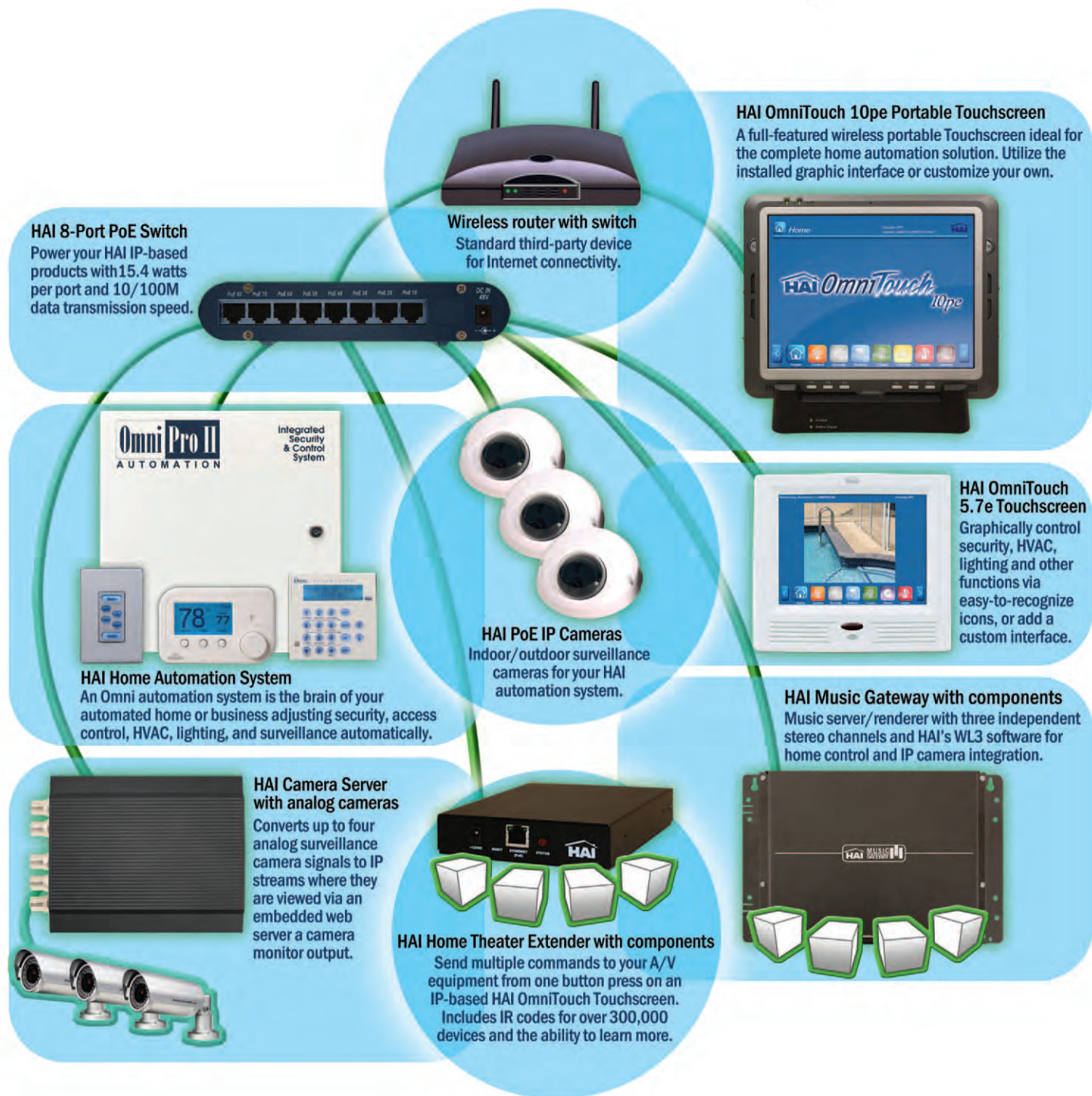
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Expand or complete your home automation system.

An HAI Dealer can take the time to show you how.



For Homeowners

Locate your nearest HAI Dealer at www.homeauto.com/howtobuy for a quote. HAI Dealers represent genuine HAI products and have the know-how to provide the home automation solution



For Professionals

Contact your HAI Sales Territory Manager at www.homeauto.com/contact. They will be happy to discuss how your business can benefit from including home automation in every build.



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