



Product Guide 2006

Home Control Systems





Automation Simplified...

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“HAI continues to roll with the changing marketplace and we have the confidence to know that these new panels and systems have been well thought and engineered before we install them. Support for your equipment is excellent.”

John Reider, President
IntelliPower, Inc. Kirkwood, MO

“HAI offers innovative products and great tech support - in short, you guys rock!”

Nick Tamburri, President
Aggressive Automation Newark, NJ

“We feel that HAI has increased our business and our standing in the community. Your service and support is second to none...You are a supplier that makes our company look good.”

T. Michael Weed IV, President
M&M Direct Communications, Inc. Holland, MI

HAI—Comfort, Convenience, and Safety




Since 1985, HAI has been the recognized leader of integrated security and home automation products. Considered a pioneer in the industry, HAI offers a comprehensive and award-winning product line with a track record of success.

1996



The Omnistat is introduced, the first EPA EnergyStar programmable communicating thermostat line.

2000



HAI introduced its Omni LT system, bringing Omni power to smaller homes, townhomes, and vacation homes.

2002






Omni Pro II replaces the OmniPro and receives numerous awards.

HAIweb-link II Video Recording capabilities were added to Web-Link II.

2004







home control Home Control for Windows Media Center

2005

New Products:





1985

HAI was formed to provide automation products to the newly emerging automation & controls market.

1988

The Model 1503 was introduced as the first integrated security and automation system on the market.

1995

HAI introduced its Omni system. At twice the performance and half the cost, the Omni was an instant success for HAI and its customers.

1997

The OmniPro, with expanded features for large homes was introduced.

2001





HAI Web-Link II

Omni II
AUTOMATION

2003









HAI was named one of Technology's Hottest Companies by Constructech magazine.

New Products:



2006

New Products:

and more to come!

HAI Today: Stronger than ever.



Dear Customers:

Thank you for making 2005 HAI's best year ever. HAI continues to grow with the hard work and dedication of its employees and customers. HAI Lighting Control, Home Control for Windows Media Center and integration with fine audio systems from NuVo and Russound have made HAI the price/performance leader in this industry.

We want to thank every customer, employee and friend who helped us relocate and resume operations quickly after hurricane Katrina. We also thank our customers and friends who donated to the HAI Employee Relief Fund. HAI will return to a renovated, better-than-ever 51,000 square foot facility early this year.

For 2006, we proudly present OmniTouch with Video, which allows customers to see who is at the front door and let them in. The new Lumina, Omni IIe, additions to the HLC line of lighting controls and HAI Wireless Products line and many more innovations from our expanded engineering department are shipping now or on their way.

As always, we work to offer the best performance and value in our products, to delight you and your customers time and time again. We greatly appreciate your business and loyalty, and look forward to a record-breaking 2006 for you and HAI!

Jay McLellan, President & CEO



HAI Controllers: The heart of your home

HAI now offers two controller families: The Omni family and the Lumina family. Each coordinate your home's amenities for comfort, convenience and safety.

Omni controllers feature built-in UL-Listed security and fire systems, lighting control, temperature control and audio control with telephone and Internet connectivity options. Three models ensure the right size for any home and budget.



Omni LT



Lumina Pro

Lumina is a sophisticated lighting control system that is affordable and easy to install in new or existing homes. If desired, it can tie into an existing security system. Numerous options and accessories from HAI allow Luminas to grow into complete home automation systems. There are two models in the Lumina family.

HAI Omni Controllers



An HAI Omni controller provides temperature and lighting control for energy savings, integrated UL-Listed security for enhanced safety, and the convenience of telephone and Internet access and control. OmniPro II also offers audio control for the luxury of music throughout the home. Homeowners recognize that an HAI system can pay for itself through energy savings while increasing the value and enjoyment of their home.

Omni Controllers, Overall Features

- Central control for security, lighting and temperatures
- Audio control (OmniPro II)
- LCD Consoles, OmniTouch and OmniTouch with Video Touch Screens
- Built-in telephone access with voice menu
- Built-in modem for remote programming and status
- Built-in Ethernet port for remote programming and status over the internet (Omni Ile, OmniPro II)
- Built-in serial port(s) for Connectivity Partners

Security Features

- UL-Listed Burglary and Fire
- Fully configurable security zones, expandable
- Wireless security options
- Supports 2 and 4 wire smoke detectors
- Supervised zones, battery and bell circuits
- Digital Communicator for Central Station Monitoring
- Voice and pager dialer
- True partitioning for security and control (Omni Ile and OmniPro II)
- Event log with time and date

- User Codes valid by time and authority

Automation Features

- Advanced Control Programming (ACP): HAI's easy-to-use "when-command-if" programming for scheduling and event driven logic
- Advanced control for lighting: scenes, fades, levels, dimming, occupancy-based
- Remote control of thermostats, lighting, security
- Program on console, touchscreen or PC using HAI PC Access software
- Lights, temperatures, security and audio can be scheduled by time, sunrise, sunset, date, day of week, as well as by system event: motion detected, door opened, mode change, etc.

HAI Models	Omni LT	Omni Ile	Omni Pro II	HAI Models	Omni LT	Omni Ile	Omni Pro II
Thermostats	2	4	64	Audio Control	no	no	yes
Consoles (keypads)	4	8	16	Custom Vocabulary	no	no	yes
Touch Screens***	3*	7**	15**	RS 232 ports	1	3	3
Zones	8	16	16	RS 232 expansion total	2	4	4
Zone Expansion total	24	48	176	Ethernet port	0	1	1
2 wire smoke loops	1	4	4	Format	Contact ID, 4/2, 3/1		
12 volt triggers	2	8	8	Transformer required	16.5V	24V	24V
Expansion triggers total	10	8	136		40VA	40VA	40VA
User Codes	8	16	99	Battery (typical)	12V	12V	12V
Lighting Scenes	16	64	128		4 Ah	7 Ah	7 Ah
Lighting Addresses	16	64	256	Aux current max	500 mA	1 A	1 A
HAI Lighting/Rooms	2	8	31	Bell current max	1 A	1 A	1 A
Programming Lines	100	500	1500	Aux current (JUL 24 hr.)	200 mA	250 mA	250 mA
Vocabulary	195	550	550	Bell current (JUL 24 hr.)	350 mA	300 mA	300 mA

* Recommend 32A30 Touch Screen Hub for 2 or more Touch Screens
 ** Recommend 32A30 Touch Screen Hub for 4 or more Touch Screens
 *** Systems must have 1 console. Each Touchscreen uses 1 console address.

Introducing Lumina...



Sophisticated lighting control

that's affordable and easy to install

Lumina has the features of high end lighting control, without the special wiring and extra cost! Room, house and mode controllers can be placed around the home and control the entire lighting system from a small keypad. A variety of dimmers and switches are available for lighting of all types. Lumina has a clock with automatic daylight savings time and sunrise/sunset calculations for accurate dusk to dawn performance year round.

Lumina is different...

What sets the Lumina apart from other whole house lighting controllers?

Easy to install. No need for new wiring - the Lumina uses UPB, the most advanced digital communication standard available which transmits over standard electrical wires. Simply hang it on the wall and use the supplied LCD keypad to set it up.

Easy to operate. Lights come on as programmed or with the push of a button. Want to change one of the preset lighting scenes? Simply press the scene button five times and the new scene is memorized.

Unrivalled expandability. Add options like telephone, touchscreen, Internet access and control, coordinate with thermostats, Windows Media Centers, Multi-Room Audio Systems, and security systems for a comprehensive "smart house" system.



Lumina Pro

	Lumina	Lumina Pro
Rooms	8	31
Loads	56	217
House Controllers	8	30
Keypads *	8	16
Touchscreens **	8	16
Thermostats	4	64
Inputs (with expansion)	16 (48)	16 (176)
RS232 Ports***	2 (3)	2 (3)
Ethernet Port	1	1
Outputs	10	10 (136)
Programming Lines	500	1500
Vocabulary	550	550
Customizable Vocabulary	No	Yes
Audio Control	No	Yes

* Each Touchscreen uses one keypad address

** Recommend 32A30 Touchscreen Hub for 4 or more touchscreens

*** One serial port used for PIM

Approvals

UL Commercial Burglary (OmniPro II & Omni IIe)

UL Residential Fire and Burglary (Omni Family)

UL Energy Management (Lumina Family, Omnistats, sensors)

FCC Part 15J, Part 68

California Title 24 Compliant (Lumina & Omni Families)

California State Fire Marshall (Omni Family)

CE (European Standard)

IS-60 (Canada)



HAI is an Energy Star Partner and all Omnistats meet the Environmental Protection Agency's Energy Star Guidelines for energy efficiency.

“We have made a company wide decision to use HAI systems in all our installations... Our customers are very happy with the ease of use. We love the functionality and scalability. This system has enabled us to “up sell” our customers. We typically design a system with basic functionality and once the customer is comfortable and familiar with the system we tend to add more in depth programming and controls, ie: lighting, audio, etc. Keep bringing us great products.”

James Ceriello, President
HomeLink Technology, LLC Allendale, NJ

“HAI is the only system we install!”

Todd Mitchell, President
Platinum Home Systems - The Art of Integration Ltd.
North Vancouver, BC Canada

Omni LT & Omni LT Promo Kits



21A00-11, Promo 10, 10S & 11 now include UPB PIM!



Omni LT Controller 21A00-1
Omni LT controller with enclosure, RJ31X jack and cable, manuals, accessory kit.



21A00-2

Omni LT Board Only 21A00-2
Omni LT controller board only.



21A00-11

Omni LT for Structured Wiring Enclosures 21A00-11
Omni LT controller on mounting plate, PIM, RJ31X jack and cable, manuals, accessory kit, and wiring label for enclosure door. Fits in Leviton and "Open House" type enclosures.

Promo 10S, Omni LT for Structured Wiring Enclosures



Omni LT w/ Surface Console Case Of 6 Promo 9
Promo 9CS
Omni LT controller in enclosure.*

Omni LT for Structured Wiring Enclosures Case Of 6 Promo 9S
Promo 9SCS
Omni LT controller on Backplate for Leviton and Open House enclosures.*

Omni LT Kit Promo 10
Omni LT controller in enclosure, PIM, RC-80B thermostat, indoor/outdoor temperature sensor, serial cable.*

Omni LT Kit for Structured Wiring Enclosures Promo 10S
Omni LT controller on mounting plate, PIM, RC-80B thermostat, indoor/outdoor temperature sensor, serial cable.*

Omni LT Starter Kit Promo 11
Omni LT controller in enclosure, 1105W Dealer Software, PIM, lock & keys, serial cable, sample home control programs.*

***All Omni LT Promos** come with surface mount console, RJ31X jack & cable, manuals, and accessory kit in addition to the items listed in their description.

Omni IIe & OmniPro II

OMNI IIe
AUTOMATION

OmniPro II
AUTOMATION



**Omni IIe and OmniPro II
come with UPB PIM!**



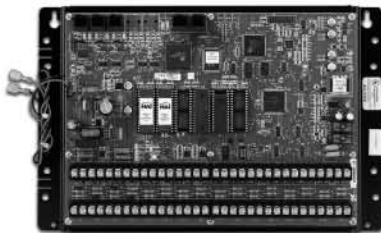
Omni IIe Controller 20A00-50
Omni IIe controller with enclosure, lock set with two keys, PIM, RJ31X cord and jack, manuals.



OmniPro II Controller 20A00-2
OmniPro II controller with enclosure, lock set with two keys, PIM, RJ31X cord and jack, manuals.



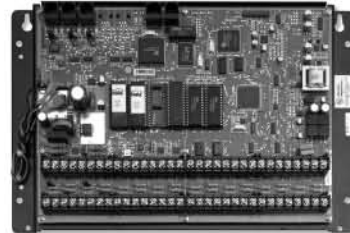
**Omni IIe includes Ethernet
port and expanded capability!**



**Omni IIe Controller for Structured
Wiring Enclosures 20A00-52**
Omni IIe controller on mounting plate for Leviton, OnQ, UStec, and "open house" type enclosures, PIM, RJ31X cord and jack, manuals, accessory kit, wiring diagram for enclosure door.

Omni IIe Board Only 20A00-53
Omni IIe controller board only.

OmniPro II Commercial Controller 20A00-5
OmniPro II controller with commercial attack proof enclosure, lock set with two keys, PIM, RJ31X cord and jack, manuals.



**OmniPro II Controller for
Structured Wiring Enclosures 20A00-8**
OmniPro II controller on mounting plate for Leviton, OnQ, UStec, and "open house" type enclosures, PIM, RJ31X cord and jack, manuals, accessory kit, wiring diagram for enclosure door.

OmniPro II Board Only 20A00-21
OmniPro II controller board only.

Omni IIe & OmniPro II Promo Kits

OMNI IIe
AUTOMATION

OmniPro II
AUTOMATION



Promos include
UPB PIM!



Promo 12eS



Promo 15S

Omni IIe Kit w/ Flush Console Promo 12e

Omni IIe controller with enclosure, lock set with two keys.*

Omni IIe for Structured Wiring

Kit with Flush Console Promo 12eS

Omni IIe controller on a structured wiring backplate.*

Omni IIe Starter Kit Promo 14e

Omni IIe controller with enclosure, lock set with two keys, 1105W Dealer Software.*

* **All Omni IIe Promos** come with surface mount console, flush mount kit, RC-80B thermostat, indoor/outdoor temperature sensor, PIM, RJ31X cord and jack, serial cable, and manuals in addition to the items listed in their description.

OmniPro II Kit w/ Flush Console Promo 15

OmniPro II controller with enclosure, 10A06-1 expander, lock set with two keys.*

OmniPro II for Structured

Wiring Kit with Flush Console Promo 15S

OmniPro II controller on a structured wiring backplate, 10A06-1 expander.*

OmniPro II Starter Kit Promo 16

OmniPro II controller with enclosure, lock set with two keys, 1105W Dealer Software.*

* **All OmniPro II Promos** come with surface mount console, flush mount kit, RC-80B thermostat, indoor/outdoor temperature sensor, UPB-PIM, RJ31X cord and jack, serial cable, and manuals in addition to the items listed in their description.

“We are dedicated HAI installers that have not done an install without using an OmniPro II. We respect HAI tremendously and sing your praises every day.”

Gary Hoefler, Owner
Home Technology Plus Eads, TN

Lumina Controllers



Lumina 44A00-1
 Supports eight rooms (56 lights). Includes Ethernet Port, controller in enclosure with lock & keys, LCD keypad, UPB PIM & cable, UPB phase coupler, serial cable, transformer & battery, manuals, and accessories.



Lumina Pro 44A00-2
 Supports 31 rooms (217 lights). Includes Ethernet port, controller in enclosure with lock & keys, LCD keypad, UPB PIM & cable, UPB phase coupler, serial cable, transformer & battery, manuals, and accessories.



12V 5AH Battery 44A02-1
 Replacement Battery for Lumina, Lumina Pro controllers.

24V 40VA Transformer 44A03-1
 Replacement Transformer for Lumina, Lumina Pro controllers.



Lumina Keypad 33A00-19
 LCD surface mount keypad, silk screen front, connector kit, instructions.

Lumina Keypad with Built-in Speaker/Microphone 33A00-20
 LCD surface mount keypad with built-in speaker/microphone, silk screen front, connector kit, instructions.

Telephone Access Kit 44A01-1
 RJ31X cord and jack.



Mode Controller 38A00-3
 6 button keypad, connectors, instructions. Press one button, sleep, home, vacation, away, party or special to initiate a program for preset lights and temperature.

Consoles & Touchscreens

These products will work with all controllers except as noted.



Omni Console Case of 12 **33A00-1**
33A00-1CS
 Cool blue LCD surface mount console, silk screen front, connector kit, instructions (*Omni family only*).



*console not included

Omni Console Flush Mount Kit **33A00-3**
 White, Flush Mount Backbox for use with 33A00-1 or 33A00-4 console (*not included*), mounting bracket, instructions.



Omni Console with Built-in Speaker/Microphone **33A00-4**
(Omni family only).



HAI coordinates home control with Russound and NuVo Multi-Room Audio systems for the ultimate enjoyment!

When connected to an HAI OmniPro II or Lumina Pro controller, the OmniTouch may be used to interface with Russound and NuVo audio distribution systems. Select and distribute music from any audio source to different rooms in your home simultaneously and independently. You can control on/off, volume, muting, transports, audio source, and many other functions for each audio zone.

Additionally, you can create "modes" in your OmniPro II or Lumina Pro to customize your music and home control experience. Imagine returning home to your favorite music playing, lights set to your desired levels, and temperature to a cozy setting. Never again will your children disturb your neighbors in the middle of the night because they forgot that the outside speakers were on—OmniPro II will make sure that it doesn't happen by turning the outdoor audio zone off after dark. *Available for OmniPro II and Lumina Pro only. See our website for more details.*

2006 PRODUCT SPOTLIGHT

Consoles & Touchscreens

These products will work with all controllers except as noted.



HAI OmniTouch 32A00-1

Color touchscreen in flush mount enclosure. Capable of integrating with Russound and NuVo Audio Systems. Includes white, beige, and almond faceplates, connector kit, instructions.



HAI OmniTouch with Video 32A00-5

Color Video Touchscreen in flush mount enclosure, includes white, beige and almond faceplates, instructions. Requires hub and video encoder, Cat 5 connections.



HAI OmniTouch
with video

*Give homeowners an upgrade
they can touch and see...*

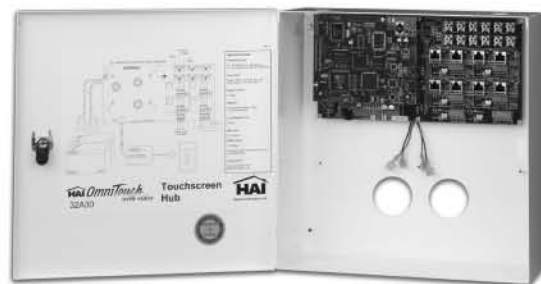
From the premier manufacturer of home automation products comes the next generation in affordable technology. The HAI OmniTouch with Video— all home control functions along with video so you can see who's at the door or in the pool!

2006 PRODUCT SPOTLIGHT



Touchscreen Hub w/ Video, 32A30-2 for Structured Wiring Enclosures

Touchscreen Hub with Video Encoder on Universal Mounting Plate includes power supply, instructions.



Touchscreen Hub w/ Video in Enclosure 32A30-1

Touchscreen Hub with Video Encoder in Enclosure, includes power supply, instructions.

Consoles & Touchscreens

These products will work with all controllers except as noted.



Touchscreen Hub, no video, for Structured Wiring Enclosures **32A30-4**
Touchscreen Hub on Universal Mounting Plate includes power supply and instructions.

Touchscreen Hub, no video, Enclosure **32A30-3**
Touchscreen Hub in Enclosure, includes power supply, instructions.



Video Encoder **32A32-2**
Video Encoder circuit board and connector, instructions.

Touchscreen Hub Board Only **32A31-2**
Touchscreen Hub Board Only.

Touchscreen Hub Replacement Power Supply **106080**

Switching power supply brick for use with Touchscreen Hub.

HAI OmniTouch Trim Ring **32A07-1**

White trim ring—intended for retrofitting OmniTouch in place of 11A00-2 Flush Console. White, paintable to wall color.

Black HAI OmniTouch Faceplate **32A01-BK**
HAI OmniTouch Faceplate in black.



HAI Access Control Keypad **54A00-1**

A weatherproof and vandal resistant piezoelectric keypad designed to interface with the HAI line of automation controllers. The piezoelectric buttons work simply by tapping the surface, and do not require an actual physical movement. The sleek keys of the Outdoor keypad can be operated with a bare finger or a snow-covered glove equally well. Stainless steel outdoor keypad, cable assembly, instructions.

Omni & Lumina Accessories

These products will work with all controllers except as noted.



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*).

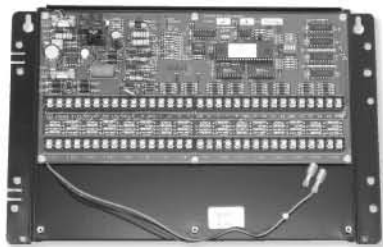
Expansion Board Only 17A00-8

16 input/16 output expansion board only (for *OmniPro II*, *Lumina Pro*).



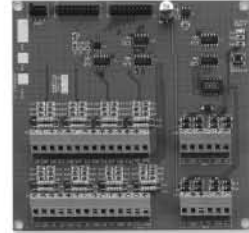
Enclosure Lock & 2 Keys 21A06-1

Lock for enclosure, two keys.



16 Zone/16 Output Expansion 17A00-9

16 input/16 output expansion board on a universal mounting plate with accessory kit, instructions for installation in Leviton, UStec, OnQ and "open house" type structured wiring enclosures (for *OmniPro II*, *Lumina Pro*).



Omni LT Expansion Module 22A00-1

16 zones plus 8 voltage output expansion module with accessory kit (for *Omni LT*).



Mounting Plate for Omni LT 21A07-2

Mounting plate hardware kit & instructions. Used to mount Omni LT controllers in Leviton and "open house" type structured wiring enclosures (for *Omni LT*).



Universal Mounting Plate 20A07-2

Mounting plate, hardware kit & instructions. Used to mount HAI controllers, expanders, and accessories in Leviton, OnQ, UStec, and "open house" type structured wiring enclosures.

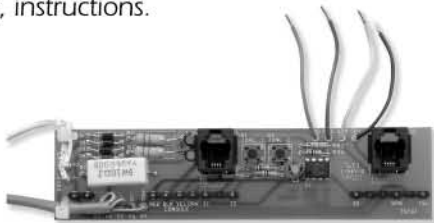
Omni & Lumina Accessories

These products will work with all controllers except as noted.



RS-232/RS-485 Serial Board 10A17-1

RS-232/485 serial board, accessory kit, 20 pin cable, instructions.



Omni LT Demo Adapter Kit 27A00-2

Demo adapter board (for Omni LT).



Relay Module 10A07-1

4 relay module with mounting tape.

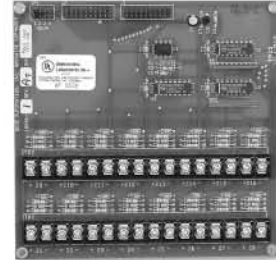
Relay Module 19A00-1

8 relay module with accessory kit, mounts in 17A00 Expansion Enclosure.



Demo Adapter Kit 18A00-5

Demo adapter board, instructions (for Omni IIe, OmniPro II, Lumina, Lumina Pro).



16 Zone Hardwire Expander 10A06-1

16 Zone expansion module with accessory kit (for Omni IIe, OmniPro II, Lumina, Lumina Pro).



Two-Way Voice Module 10A11-1

Two way voice board, mounting material, instructions. Use with 33A00-4 console, or 33A00-20 keypad, or speaker microphone shown below.



28A00-1



28A00-2

Surface Speaker Microphone 28A00-1

Speaker and microphone, surface mount enclosure, instructions.

Flush Speaker Microphone 28A00-2

Speaker and microphone, flush mount enclosure, instructions.

Omni & Lumina Accessories

These products will work with all controllers except as noted.



Water Temperature Sensor 14A00-8

Water temperature sensor module, probe, accessories, instructions.



Extended Range Indoor/Outdoor Temperature Sensor 31A00-7

Indoor/Outdoor temperature sensor from -40° to 120° F, accessory kit, instruction sheet.

Extended Range Indoor/Outdoor Temperature & Humidity Sensor 31A00-8

Indoor/Outdoor temperature sensor from -40° to 120° F and humidity sensor, accessory kit, instruction sheet.



PESM 1101A

Programmable energy saver module with instructions.

Wireless Receiver for GE InterLogix 42A00-1

64 Zone wireless receiver, with LED display for GE/ITI/Caddx transmitters.



Chip Upgrades

EPROM chip upgrade with installation instructions (for the latest version).

- | | |
|--------------------------------|--------------------|
| Omni LT Chip Upgrade | 21A03-1UPG |
| Omni II Chip Upgrade | 20A04-1UPG |
| Omni IIe Chip Upgrade | 20A04-50UPG |
| OmniPro II Chip Upgrade | 20A04-2UPG |
| Lumina Chip Upgrade | 20A04-21UPG |
| Lumina Pro Chip Upgrade | 20A04-22UPG |



Two Way X-10 Transceiver Kit 10A09-7

Two Way X-10 protocol powerline carrier transceiver, 7 foot cable, instructions.

*** ALL ALC switches are available by special order only.**

ALC Interface, 1 branch 25A00-1

1 branch ALC Hardwire Lighting Control Interface (16-31 lights).

ALC Interface, 4 branch 25A00-2

4 branch ALC Hardwire Lighting Control Interface (64-124 Lights).



OmniPro II Demo w/ OmniTouch and HAI Lighting Control 18A00-13

Fully assembled & operational OmniPro II demo system including controller, RC-80B thermostat, LCD console with built-in speaker, OmniTouch touchscreen, HAI Lighting Control: House Controller, Room Controller, and Dimmer, UPB PIM, Voice Module, packaged in super duty black travel case. Demo programs included.



Omni LT Demo Kit 27A00-3

Fully assembled and operational Omni LT demo system including controller, RC-80B thermostat, LCD console, demo board adapter kit, X-10 powerline transceiver, serial cable, touch tone phone packaged in robust black travel case. Demo programs included.

HAI Omnistats

These products will work with all controllers except as noted.



RC-80B
RC-90B
RC-122B

RC-100B
RC-112B

Single Stage Heat/Cool RC-80B
Single stage (1 heat/1 cool) thermostat with lighted LCD, accessory kit, manuals.

Single Stage Heat/Cool for Zoned Systems RC-90B
Single stage (1 heat/1 cool, with B & O Terminals) for zoned systems thermostat with lighted LCD, accessory kit, manuals.

Two Stage Heat/Cool RC-122B
Two stage thermostat (2 heat/2 cool) with lighted LCD, accessory kit, manuals.

Heat Pump RC-100B
Heat pump thermostat, (2 heat, 1 cool) with lighted LCD, accessory kit, manuals.

Two Speed Heat Pump RC-112B
Two speed heat pump thermostat (3 heat/2 cool) with lighted LCD, accessory kit, manuals.



HAI is an ENERGY STAR partner. All Omnistat Thermostats meet the Environmental Protection Agency's ENERGY STAR guidelines for energy efficiency.

Omnistat thermostats are fully interactive with all HAI controllers and are compatible with most others. They may be controlled both locally and remotely.



23A00-1



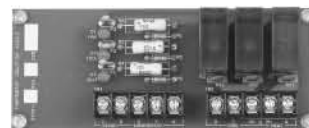
23A00-2

Surface Mount

Remote Indoor Temp Sensor 23A00-1
Surface indoor temperature sensor for Omnistat thermostats.

Flush Mount

Remote Indoor Temp Sensor 23A00-2
Flush indoor temperature sensor for Omnistat thermostats.



29A00-1



30A00-1

Thermostat Isolation Module 29A00-1
Relay isolation module for RC-80 series thermostats, mounting clips, instructions (Optional, may be needed for HVAC systems using non-standard voltages).

Thermostat Power Supply Module 30A00-1
Power booster for RC-80 series thermostats, instructions (Optional, may be needed in retrofit applications when "HVAC common" wire is not available).

HAI Wireless Security Products

These products will work with all controllers except as noted.



Add these convenient wireless products to your Omni or Lumina family controller for security and lighting control applications.



64 Zone Wireless Receiver 45A00-1
433 MHz for use in domestic and international installations.



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.



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.



4 Button Keyfob 48A00-1
Can be programmed to control any HAI Controller feature, such as lights, temperatures, and macros, in addition to security. Includes instructions.



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, wall mount bracket and belt clip, instructions.



Wireless Recessed Door Contacts 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.

HAI Lighting Control

These products will work with all controllers except as noted.



Room Controller 600W Dimmer House Controller

600W Dimmer **35A00-1**
Case of 12 **35A00-1CS**
 600 Watt UPB Dimmer, white paddle, connectors, instructions.

600W Non-Dimming Switch **35A00-3**
Case of 12 **35A00-3CS**
 600 Watt UPB Switch, Non-Dimming for compact/ fluorescent, white paddle, connectors, instructions.

15A Relay Switch **40A00-1**
Case of 12 **40A00-1CS**
 15A UPB Relay Switch for motors, fans. White paddle, connectors, instructions.

HAI 1000W, 1500W & 2400W UPB*
 *The 1000W, 1500W and 2400W dimmers must be ordered in the desired color.

Dimmers: Available Colors, color codes

White	WH	Ivory	IV
Almond	AL	Brown	BR
Black	BL	Grey	GR



A new series of lighting control products that deliver high performance at an affordable price.

HAI Lighting Control products can be used as stand alone, with HAI controllers or with other controllers that are UPB compatible. They use standard wiring techniques for easy retrofit.



HAI Lighting Control uses UPB, an ultra reliable digital communication technology.



HAI 1000W UPB Dimmer Switch **55A00-1 color code**
 Connectors, instructions.



HAI 1500W UPB Dimmer Switch **55A00-2 color code**
 White and ivory only. Connectors, instructions.



HAI 2400W UPB Dimmer Switch **55A00-3 color code**
 White and ivory only. Connectors, instructions.

HAI Lighting Control

These products will work with all controllers except as noted.

Room Controller, 6 button **38A00-1**
Case of 12 **38A00-1CS**

Control all lights in a room or area. Lights may be turned on, off, dimmed, brightened, and set to four different scenes, which is as simple as pressing the scene button on the Room Controller 5 times. Includes connectors, instructions.



House Controller, 8 button **38A00-2**
Case of 12 **38A00-2CS**

The master lighting control that shows the status for up to eight rooms. If any light is on in an integrated room, that button is illuminated. Pressing the House Controller button will turn all of the lights in that room on or off. Includes connectors, instructions.

Phase Coupler **39A00-1**
Case of 12 **39A00-1CS**

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



PIM & Cable **36A00-1**
Case of 12 **36A00-1CS**

Powerline Interface Module (PIM) UPB™ 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.

Auxiliary Switch **37A00-1**
Case of 12 **37A00-1CS**

White Auxiliary Switch for remote operation of 35A00, 40A00 and 55A00 dimmers and switches; connectors, instructions.

Switch Color Change Kits
(sold in case lots of 12 only)

Available Colors, color codes

White	WH	Ivory	IV
Almond	AL	Brown	BR
Black	BL	Grey	GR

Switch Color
Change Kit **35A14-color codeCS**

Paddle, bezel assembly for 35A00, 37A00 and 40A00 series switches.

Part number example: 35A14-ALCS

Room Controller Color
Change Kit **38A04-color codeCS**

Bezel for 38A00-1, instructions.

House Controller Color
Change Kit **38A05-color codeCS**

Bezel for 38A00-2, instructions.

Custom Legend Kit
For Room or House Controller **38A06-2**

Coupon & instructions for custom laser engraved buttons for 6 button Room Controller or 8 button House Controller. Mail in coupon, receive by mail.

HAI Software

These products will work with all controllers except as noted.

New Features for 2006!
Check out our new online demo!



HAIweb-link II

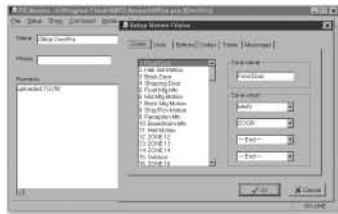
With Web-Link II software, you can access and control your Omni System on the Internet, check on your house with video surveillance, verify the kids have arrived home with e-mail notification, or disarm the security system for an arriving guest. Web-Link II makes it easy to stay connected to home and family! Capable of recording video based on alarm or event.

Runs on your home server.

2006 PRODUCT SPOTLIGHT

HAI Web-Link II Software **1108**

For Windows. Software must be registered for HAI Support.



PC Access Software

Software must be registered for HAI Support.

HAI Dealer Software **1105W**

HAI End User Software **1106W**



HAI Snap-Link **1120**

Coming Soon! Snap-Link is for quickly adjusting and checking lights, temperature and security settings on the go! Just plug Snap-Link into any computer and it directly communicates through the secure Ethernet port on your HAI system at home. No onsite computer is needed.



A Windows Media Center is an integrated digital entertainment center. It can play, pause and record live TV, play DVDs & CDs, store digital music, videos & photos, browse the Internet, check email and run Windows XP applications.

HAI's Home Control coordinates security, temperature, and lighting for comfort, convenience and safety. *Together*, you get incredible performance in a complete home automation system at a very reasonable price.

2006 PRODUCT SPOTLIGHT

Home Control for Windows Media Center **1109**

Software for Windows Media Centers that allows control of all HAI Omni controller features.

HAI Software Combo **1110**

HAI Web-Link II and HAI Home Control software bundled together.

HAI Software & Cables

These products will work with all controllers except as noted.

HAI SOFTWARE COMPARISON				
	Web-Link II	HAI Home Control	Snap-Link	PC Access
Access via Internet	Yes	Remote Desktop	Yes	Yes
Monitor System	Yes (graphical)	Yes (graphical)	Yes (graphical)	Yes (tabular)
Control System	Yes (graphical)	Yes (graphical)	Yes (graphical)	Yes (tabular)
Dedicated Computer On-Site	Yes	Yes	No	No
Subscription Fee	No	No	No	No
Client Software	No (uses standard web browser)	No	Yes (runs on client) ¹	Yes (installed on client)
Video Surveillance	Yes	Yes	Link to installed IP Web camera	No
Video Recording	Yes	Yes	No	No
Notifications	Email, messaging, and visual	Pop-up notifications, audible, and visual	Email, messaging, and pop-up notifications, visual	No
User Interface	Web browser	Television with remote control	PC application	PC application
Additional Interfaces Supported	PDAs, Smart Phones, Web Tablets, and touchscreens	Additional televisions / monitors using Media Center Extenders	None	None
Configure System	No	No	No	Yes
Program System	No	No	No	Yes
Create Rules	Yes	Yes	No	No
Selectable Skins or Themes	Yes	No	Yes	No
Web Updates	Yes	No	Yes	Yes
RSS (Real Simple Syndication)²	Yes	No	No	No
Installation Components	Web server and application	Application	No installation (Plug and Go) ¹	Application
Operating Systems	Windows XP Professional, Windows 2000, and Windows Server 2003	Windows XP Media Center Edition	Windows 98SE and higher	Windows 98SE and higher

¹ Does not require installation on PC. Application can run from thumb drive, flash drives, or other removable media.

² Displays RSS feeds such as latest news, weather reports, personal blogs, and much more.



Serial PC Cable 21A05-2
7 foot cable, modular to DB-9F - connects controller serial ports to computer RS-232 port for use with PC Access, Web-Link II and Home Controls for Windows Media Center.

UPB PIM to computer cable 36A05-2
7 foot cable, modular to DB-9F - connects HAI UPB PIM to computer RS-232 port for use with UPStart software.

Serial Connectivity Cable 36A05-4
7 foot cable, modular to DB-9M - connects controller to serial ports for Russound, NuVo, RadioRA, Centrlite, Jandy.



OmniTouch Loader Kit 32A09-1
Cable and software to load new pages and firmware updates to OmniTouch and OmniTouch with Video.



HLC Expansion Kit for Omni LT 36A10-1
Serial interface, cable and PIM to add HLC to Omni LT.

Connectivity Partners



HAI has developed, and continues to develop, relationships with other manufacturers in the industry to integrate our products with theirs. Doing so allows flexibility for the homeowner to add and upgrade products as desired while offering additional revenue for installers.

Please visit our website at www.homeauto.com for updated and detailed information on HAI connectivity partners.

HAI Programs

HAI Promotional Programs

- Marketing materials and product photos
- Model Home/Showroom product discount & marketing support
- Builder Partner Programs
- Five-Star Dealer Program
- End user leads
- Dealer listing on HAI Website
- Product discounts at trainings
- National trade, builder and consumer advertising and tradeshows.

HAI Support Programs

- HAI Territory Sales Managers
- Toll-free technical support for dealers
- Dealer "Software for Life"
- End user software
- 48-hour warranty repair option
- EPROM chip upgrades
- New product upgrades
- Fixed cost out of warranty
- Application directory
- Dealer-only website with technical bulletins/updates, manuals, application notes, and sales tools.

Automation Simplified™



Automation Simplified Class is a FREE comprehensive course to get you started in the home automation industry. This class is typically a full day (8:00 AM to 5:00 PM), with HAI providing lunch for all attendees. Automation Simplified Trainings have been recognized by the NBF AA and the NTS for .8 NBF AA CEU credits. Please check with your local chapter to verify that it will accept these credits.



HAI VIP Workshops are held at HAI Distribution Partner locations and are typically 2 hours long. The FREE "VIP Workshops" are designed to meet the specific needs and requests of a Distributor's installers. Some workshops are eligible for .2 NBF AA CEU credits. Please contact your HAI Distributor or www.homeauto.com for more information.

HAI In-Factory Training Class is a two-day event at HAI's New Orleans headquarters that has detailed installation and system programming instruction. HAI has set up automation controllers and computers to allow attendees to get hands-on training during this class. There is a fee to attend this class. Please see HAI's training information posted on www.homeauto.com for details and registration.



To register for any of the above classes or for information on other classes taught by HAI partners, please visit www.homeauto.com

Marketing Brochures

All HAI brochures and CDs can be ordered from the HAI dealer site by listed dealers. Log in is required. For info on how to become an HAI dealer, visit www.homeauto.com or email sales@homeauto.com



Automation Simplified TriFold
Pack of 100, Full Color Trifold Brochure.



HAI Lighting Control TriFold
Pack of 100, Full Color Trifold Brochure.



Interface Brochure
Pack of 100, Full Color Four-Fold Brochure.



Lumina Trifold
Pack of 100, Full Color Trifold Brochure.

Marketing Brochures & Documentation

All HAI brochures and CDs can be ordered from the HAI dealer site by listed dealers. Log in is required. For info on how to become an HAI dealer, visit www.homeauto.com or email sales@homeauto.com



HAI Home Control Trifold

Pack of 100, Full Color Trifold Brochure.



Detailed Spec Sheets

Available for download at www.homeauto.com



HAI CD

This CD contains HAI's Automation Simplified training and other sales PowerPoint presentations, marketing videos, all tech sheets, application directory, etc.



Owner Manuals

Available for download at www.homeauto.com



CONTROLLER

In enclosure
On mounting plate

21A00-1
21A00-11

EXPANSION

Omni LT Expander **22A00-1**

CONNECTIVITY

Serial Board **10A17-1**
ALC Lighting **Pg 16**

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

HAI Lighting Control **pg 20**
HAI Web-Link II
Software **1108**
Home Control
for Media Center **1109**
Serial Cable **21A05-2**

TELEPHONE INTERFACE

PC Access **pg 22**
Telephones
Computer Modems

2 way X-10 Interface Kit **10A09-7**

TRANSFORMER

16.5V, 40 VA
(12V Battery)

EXPANSION

Wireless Receiver **45A00-1**

USER INTERFACE

Omni Console **33A00-1**
Flush Mount Kit **33A00-3**
OmniTouch **32A00-1**

COMFORT & CONVENIENCE

HAI Omnistat Thermostats (2 max) **pg 18**

SECURITY & ENERGY MANAGEMENT

Temperature Sensor **31A00-7**
Temperature/Humidity Sensor **31A00-8**
Standard Security/Fire/Environmental Sensors





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

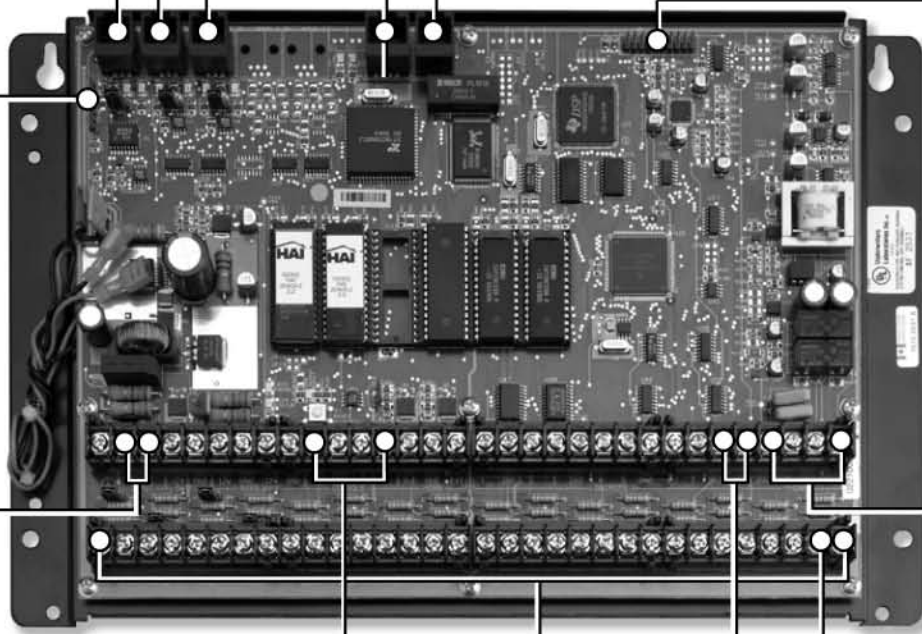
- HAI Lighting Control **pg 20**
- Serial to PC cable **21A05-2**
- Serial Connectivity Cable **36A05-4**
- Russound or Nuvo
Audio System (Pro II only)

EXPANSION

- Zone Expander **10A06-1**
- Serial Board **10A17-1**
- ALC Lighting **pg 16**

ETHERNET PORT

- See HAI software Options **pg 22**
- 2 way X-10 Interface Kit **10A09-7**



TRANSFORMER

24V, 40 VA
(12V Battery)



USER INTERFACE

- OmniTouch
Screens & Consoles **pg 12**

EXPANSION

- HAI Wireless **45A00-1**
- Wireless Receiver **42A00-1**
- Expansion Enclosure (Pro II only)

SECURITY & ENERGY MANAGEMENT



- Temperature Sensor **31A00-7**
- Temperature/Humidity Sensor **31A00-8**
- Standard Security/Fire/Environmental Sensors

TELEPHONE INTERFACE

- PC Access **pg 22**
- Telephone



COMFORT & CONVENIENCE

- HAI Omnistat Thermostats **pg 18**



CONTROLLER

Lumina

44A00-1

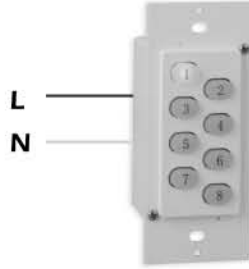
Lumina Pro

44A00-2

ROOM CONTROLLER



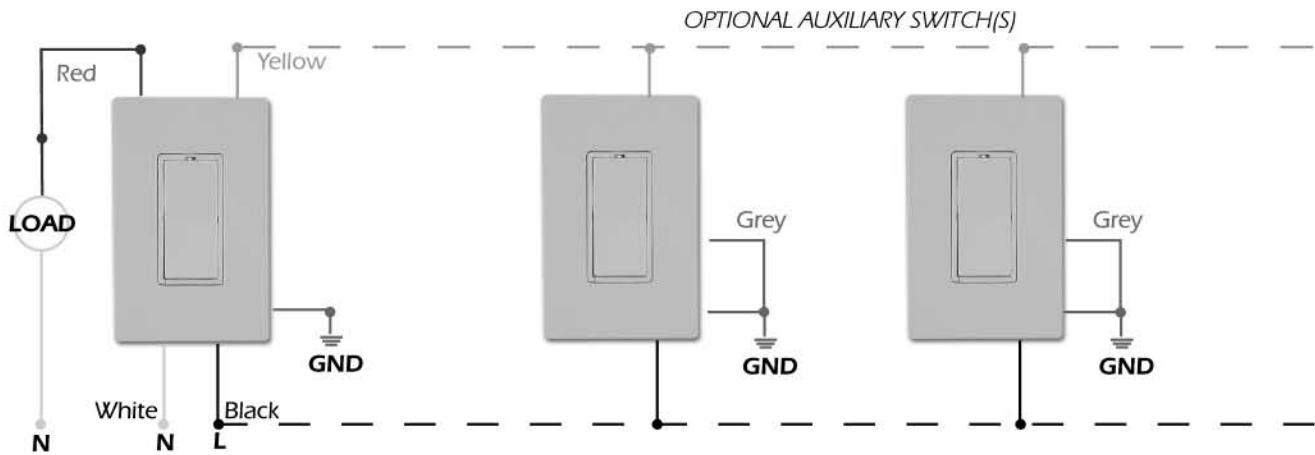
HOUSE CONTROLLER



MODE CONTROLLER



DIMMERS & RELAY SWITCHES *(all Models)*



LUMINA CONTROLLER



- Lumina communicates with devices with UPB. No new wires are required.
- Install the Lumina Controller in a closet or basement. Install the switches and room controllers.
- Program on the keypad using new Lumina QuickSet feature. That's it!



PROGRAMMING KEYPAD



Plug into duplex outlet

Product Index by Part Number

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and award winning products since 1985.*



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