

## PRODUCT SPECIFICATIONS

# The OmniPro II Controller

The OmniPro II is the flagship home automation controller. Designed for large residences, the OmniPro II provides enhanced comfort, safety, convenience, and energy savings by coordinating audio/video, lighting, heating and air, security, scenes, and messaging based on activities and schedules.

### FEATURES

UL Listed, CP-01 compliant security and residential fire system

Detects intrusion, smoke and fire, carbon monoxide, water, and other hazards via wired or wireless sensors

Built-in digital communicator for use with a central station

Dials up to eight additional phone numbers for voice notification

Utilizes IP-based Touchscreens (OmniTouch 5.7e)

Access remotely via phone, computer, or mobile device

### SAFETY & SECURITY

Security zones are fully configurable and expandable. You may set the validity of user codes by time and authority. Security codes for the nanny, housekeeper, or contractor can be set by specific times. The OmniPro II supervises zones, battery, and bell circuits. Additionally, the OmniPro II permits true partitioning for security and control.

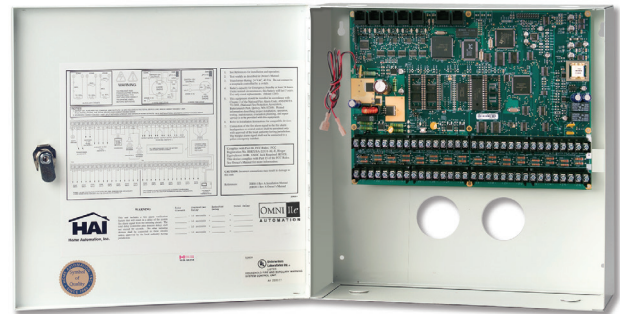
HAI by Leviton provides a line of supervised wireless security products which include motion and glassbreak detectors. Also available are wireless handheld remotes for control of many automation and security functions.

### SURVEILLANCE

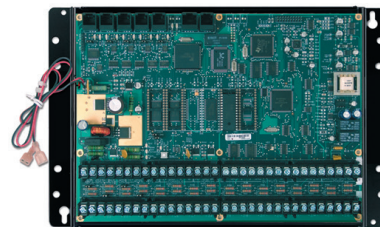
Add cameras to the OmniPro II system to view and/or record a nursery, pool area, or entrance. Automatically display live video on a Touchscreen or when the doorbell rings, and interact with VoIP intercom. View live or recorded video remotely online or from a mobile device such as a smartphone. Activate video to record when an alarm trips, and even send an alert to a cell phone or e-mail.

### ACCESS CONTROL

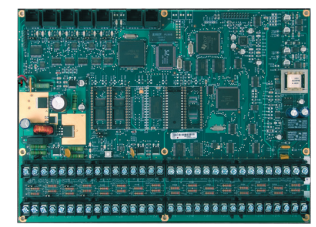
HAI by Leviton's Access Control products limit admission to designated areas. Swiping an access reader with an access card or keytag can accomplish multiple functions such as arming/disarming security, activating a door strike to open a door, turning on select lighting, and even playing a music source.



20A00-2 HAI OmniPro II with enclosure



20A00-8 HAI OmniPro II on mounting plate for Structured Wiring Enclosures



20A00-21 HAI OmniPro II - Board Only

### LIGHTING CONTROL

The HAI OmniPro II can control home lighting by schedule, motion detection, door openings, sunrise, sunset, alarm activation, and more. This advanced system provides the benefits of a sophisticated lighting control by setting scenes, fades, and dimming levels.

Omni IIe controllers have an astronomical clock and automatically adjust for daylight savings time in order to provide accurate dusk to dawn lighting control.

### ENERGY MANAGEMENT

The OmniPro II system can manage your HVAC system through Omnistat2 Programmable Communicating Thermostats (PCTs). Use schedule or activity settings such as home, asleep, away, room occupancy, outdoor temperature, etc. Temperature sensors allow for setpoint-based programming of events in your OmniPro II. Setpoints can signal when to activate programs for controlling temperatures in attics, garages, greenhouses, basements, wine cellars, or coolers. ZigBee devices go further to control the power consumption for high wattage loads such as pool pumps and hot water heaters. LCMs also control fountains, ceiling/attic fans, fluorescent lights, motors, and exterior lights.

## PRODUCT SPECIFICATIONS

### ENTERTAINMENT

Interface the OmniPro II with a Hi-Fi 2 multi-room audio system or other audio distribution system from an HAI Connectivity Partner including NuVo, Proficient, Russound, SpeakerCraft, and Xantech. The OmniPro II can control on/off, volume, muting, audio source, and many other functions for each audio zone.

The OmniPro II connects to HAI by Leviton's Home Theater Extender (HTX). Automate equipment based on schedule or push one button on your phone or Touchscreen to activate appropriate A/V equipment, lower a projection screen, close the window coverings, adjust the temperature, dim the lights, and lock all doors.

### INTERFACE OPTIONS

Add additional interface options, such as an in-wall OmniTouch 5.7 or 5.7e Touchscreen. These colorful, easy-to-use Touchscreens allow complete control of an HAI system. An OmniPro II installation must include at least one Omni Console in order to meet UL requirements. The OmniPro II may be controlled remotely from a PC, laptop, tablet, smartphone, or e-Reader. Choose from one of HAI by Leviton's award-winning software or app options to provide Internet access and control.

LANGUAGES		CODES
English	● ● ●	-
Latin American Spanish	● ● ●	SPA
European Spanish	● ●	SPE
Catalan	● ●	CAT
Italian	● ●	IT
French	● ●	FR
Traditional Chinese	● ●	CHT
Simplified Chinese	● ●	CHS

- Controller In Enclosure 20A00-2(CODE)
- Controller Board Only 20A00-21(CODE)
- Controller For Structured Wiring 20A00-8(CODE)

SPECIFICATIONS	
HAI Lighting/Rooms	31
Lighting Scenes	128
Lighting Addresses	256
Zones	16
Zone Expansion Total	176
2 Wire Smoke Loops	4
4 Wire Smoke Loops	176
Thermostats	64
Consoles (Keypads)	16
OmniTouch 5.7 Touchscreens	15***
IP Touchscreens (5.7e)	16
12 Volt Triggers (w/ expansions)	8 (136)
Audio Control	Hi-Fi/Conn.Prtnrs
Access Control Card Readers	16
Access Control Card/Keytag	99
Serial Ports	5
Serial Expansion Total	6
Ethernet Port	Yes
Flash Memory	Yes
User Codes	99
Programming Lines	1500
Vocabulary	550
Custom Vocabulary	Yes
Depluggable Terminal Strips	Yes
Format	Contact ID, 4/2,3/1
Transformer Required	24V (40VA)
Battery (Typical)	12V (7 Ah)
Aux Current Max	1A
Bell Current Max	1A
Total Expansion Boards (10A06-1)	2
Total Expansion Enclosures (17A00-X) / Wireless Receivers (45A00-1/42A00-1)	8
110V/220V/240V	Yes
UL Listing	Res. Burglar/Fire
Warranty	3 years

## PRODUCT SPECIFICATIONS - WIRING DIAGRAM

### CONTROLLER - IN ENCLOSURE

13.25" W x 13.375" H x 4.625" D  
Approximate Weight: 13.30 lbs

### CONTROLLER - BOARD ONLY

11.0" W x 8.0" H x 1.25" D  
Approximate Weight: 1.6 lbs

### SERIAL PORTS

HAI Lighting Control UPB PIM (#36A00-1)  
Leviton Z-Wave (#VRCOP)  
HAI ZigBee (#81A00-3)  
HAI Omni-Bus (#117A00-1)  
Serial to PC Cable (#21A05-2)  
Hi-Fi 2 (#95A00)  
Access Control Readers (#75A00, #54A00)  
Clipsal, Dynalite, Coolmaster, Serial Connectivity Cable (#36A05-4)

### AUDIO

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

### ETHERNET PORT

Snap-Link, Snap-Link Mobile  
for Android and iOS, PC Access, OmniTouch 5.7e  
Touchscreen, OmniTouch Pro, HAI Omni-Bus

Two-Way X-10

### 12V BATTERY

### EARTH GROUND

### TRANSFORMER 24V/40VA

### TELEPHONE INTERFACE

- Land line
- Cellular Communications Center (#70A00)
- PC Access

### USER INTERFACE

OmniTouch 5.7 Touchscreen

Omni Consoles (#33A00)

### EXPANSION

HAI Wireless Receiver (#45A00-1)  
Wireless Receiver for GE (#42A00-2)

### SECURITY & ENERGY MANAGEMENT

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

### COMFORT & CONVENIENCE

Omnistat2 Thermostats

HAI makes Visio stencils available to our dealers. HAI Omni systems are designed for professional installation. Licensing requirements vary by area.



California Title 24 Compliant

CP-01 Compliant

## PRODUCT SPECIFICATIONS

<b>20A00-2(CODE)</b>	<p><b>OmniPro II Controller</b> OmniPro II home control system with enclosure, lock set with two keys, UPB™ PIM, RJ31X cord and jack, and manuals.</p>
<b>20A00-21(CODE)</b>	<p><b>OmniPro II Board Only</b> Foreign language versions: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).</p>
<b>20A00-8(CODE)</b>	<p><b>OmniPro II Controller for Structured Wiring Enclosures</b> OmniPro II controller on structured wiring enclosure mounting plate, UPB™ PIM, RJ31X cord and jack, manuals, accessory kit, and a wiring diagram for the enclosure door. Foreign language versions: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).</p>
<b>53A00-2</b>	HAI OmniTouch 5.7e Touchscreen
<b>33A00-1/33A00-4</b>	HAI Omni Consoles
<b>42A00-1/45A00-1</b>	Wireless Receivers
<b>10A06-1</b>	16 Zone Hardwire Expander
<b>17A00-1</b>	16 Zone/16 Output Expansion Enclosure
<b>17A00-8</b>	16 Zone/16 Output Expansion Board Only
<b>17A00-9</b>	16 Zone/16 Output Expansion Board/Universal Plate

\* 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.

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