

PRODUCT SPECIFICATIONS

The Omni LT Controller

Omni LT is the entry level member of HAI's Omni Home Control System product line. It is an economical choice for homes, townhouses, condos, apartments, and small businesses.

The system provides enhanced comfort, safety, convenience and energy savings by coordinating audio, lighting, heating and air, security, scenes and messaging based on activities and schedules.

SECURITY

Omni LT controllers are CP-01 compliant and UL Listed security and fire systems. They detect intrusion, smoke and fire, carbon monoxide, water, vehicles, motion, and other hazards with wired or wireless sensors.

Security zones are fully configurable and expandable. You may set the validity of user codes by time and authority. The Omni LT supervises zones, battery, and bell circuits. Additionally, Omni LT has a built-in digital communicator for use with a central station and can dial up to 8 additional phone numbers chosen by the owner for voice notification.

LIGHTING

An Omni LT system can control your home lighting by schedule, motion detection, door openings, sunrise, sunset, alarm activation and more. It provides the benefits of a sophisticated lighting control system by setting scenes, fades, and dimming levels.

Omni LT has an astronomical clock and automatically adjusts for daylight savings time in order to always provide accurate dusk to dawn lighting control.

Omni LT supports HAI by Leviton Lighting Control products including HLC, Omni-Bus, Vizia RF Z-Wave, dimmers, switches, remote controls, and plug-in modules. Other lighting protocols from third-party manufacturers may be operated, including Z-Wave™ based devices, ALC hardware, RF, custom hardware, and others provided by HAI Connectivity Partners.

ENERGY MANAGEMENT

If you add HAI's Omnistat2 wired communicating thermostats, you may control your home's temperatures through your Omni LT system by schedule and activity – such as home, asleep, away, room occupancy, outdoor temperature, etc.

Using HAI temperature and humidity sensors allow for temperature-based programming of events in your Omni LT. The temperature may be used to activate programs for controlling temperatures in attics, garages, greenhouses, basements, wine cellars, or coolers.



21A00-1 Omni LT in Enclosure



21A00-2 Omni LT Controller



21A00-11 Omni LT Kit for Structured Wiring Enclosure

AUDIO/VIDEO

The Omni LT may be interfaced with a Hi-Fi 2 whole home audio system. The Omni LT can control on/off, volume, muting, audio source, and many other functions for each audio zone. Automate equipment based on schedule or push one button to activate A/V equipment and adjust other sub-systems.

INTERFACE OPTIONS

Each Omni LT installation must include at least one Omni Console (Part Number 33A00-1) or Omni Console with Built-in Speaker/ Microphone (Part Number 33A00-4). Your Omni LT system has built-in telephone access with voice menu that you may access when you are inside your home or from outside your home. It also has a built-in modem that allows remote programming and status. You may add additional interface options, such as an OmniTouch 5.7 Touchscreen, to your Omni LT system. Choose HAI by Leviton's award-winning software options that do not require an Ethernet-enabled controller to provide Internet access and control. There are no subscription fees for any of HAI's software products.

ACCESSORIES

HAI by Leviton offers a full line of accessories for The Omni LT. Accessories may be added at the time of initial installation or later as needs change. HAI has a line of wireless supervised security products that replace wired door and window sensors, as well as wired motion and glassbreak detectors. Adding an optional Two-Way Voice Module to your Omni LT allows it to make announcements by working in conjunction with the speakers located in a console/keypad or with a speaker/ microphone module. For example, you can have your HAI by Leviton Home Control System remind you every Wednesday night at 8:00 PM that tonight is trash night.

PRODUCT SPECIFICATIONS

Consoles, Keypads & Touchscreens*	4**
Thermostats	2
Temperature Sensors	24
Audio Control	HAI Hi-Fi / HAI Hi-Fi 2
Lighting Scenes	16
Lighting Devices	16
HAI Lighting/Rooms	2
Zones	8
Zone Expanded Total	24
2 Wire Smoke Loops	1
4 Wire Smokes	24
12 Volt Triggers	2
Expansion Triggers Total	10
User Codes	8
Programming Lines	100
Vocabulary	195
Custom Vocabulary	NO
Serial Ports (RS232/RS485)	1
Serial Expansion Total	2
64 Zone Wireless Receivers	1***
Depluggable Terminal Strips	NO
Format	Contact ID 4/2 3/1
Transformer Required	16.5V 40VA
Battery (Typical)	12V 7Ah
Aux Current Max	500 mA
Bell Current Max	1A
Aux Current (UL 24 hr)	200 mA
Bell Current (UL 24 hr)	350 mA
Warranty	2 Years

* Systems must include at least one console. Each Touchscreen uses 1 console address.

** Recommend using a Touchscreen Hub & Power Supply (HAI Part # 32A30-x) for 2 or more Touchscreens.

*** Wireless Receiver can support 64 transmitters and can report to 16 zones (up to 4 transmitters per zone).

PRODUCT SPECIFICATIONS - WIRING DIAGRAM

CONTROLLER - IN ENCLOSURE
 12.38" W x 9.25" H x 3.5" D
 Approximate Weight: 6.15 lbs

CONTROLLER - BOARD ONLY
 5.63" W x 6.38" H x 0.88" D
 Approximate Weight: 0.65 lbs

AUDIO

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

EXPANSION

Omni LT Expander 22A00-1

CONNECTIVITY

Serial Board 10A17-1
 ALC Lighting

SERIAL PORTS

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

TELEPHONE INTERFACE

PC Access
 Telephones
 Computer Modems

2 way X-10

TRANSFORMER

16.5V, 40VA (12V Battery)

COMFORT & CONVENIENCE
 HAI Omnistat Thermostats

EXPANSION

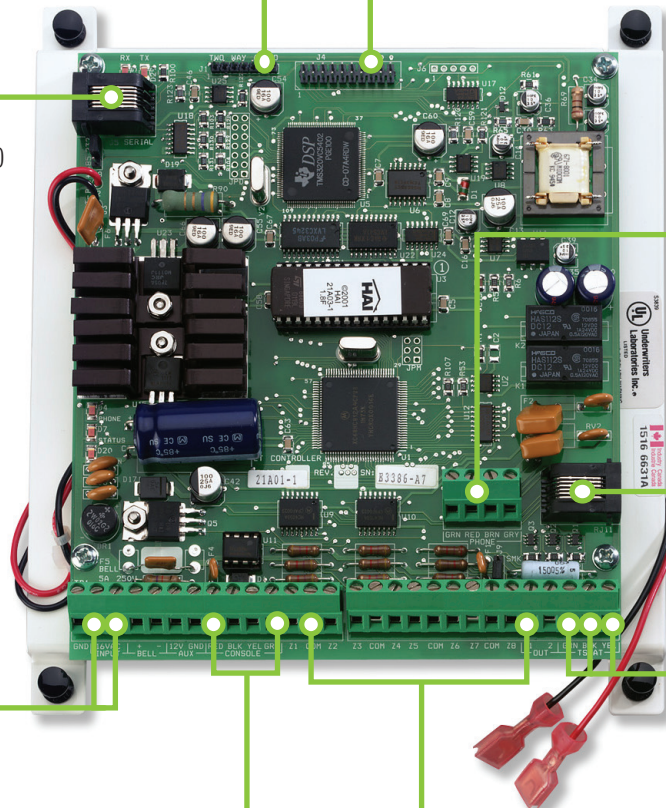
Wireless Receiver
 45A00-1 /42A00-1

SECURITY & ENERGY MANAGEMENT

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

USER INTERFACE

OmniTouch 5.7 Touchscreens & Consoles



OMNI PARTS LIST

21A00-1	Includes an Omni LT home control system with enclosure, RJ31X cord and jack, manuals, and accessory kit
21A00-11	This model comes with an Omni LT controller on a structured wiring enclosure mounting plate, RJ31X cord and jack, manuals, accessory kit, and a wiring diagram for the enclosure door. Foreign language versions: Latin American Spanish (SPA), European Spanish (SPE), Catalan, (CAT), Italian (IT), and French (FR)
21A00-2	Omni LT Board Only. Foreign language versions: Latin American Spanish (SPA), European Spanish (SPE), Catalan, (CAT), Italian (IT), and French (FR)
10A07-1	4 Relay Module
21A06-1	Enclosure Lock and 2 Keys
22A00-1	Omni LT Expansion Module
21A07-2	Omni LT Mounting Plate