Omni LT
Technical Sheet

DESCRIPTION

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 activity 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, 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 detected, 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 Lighting Control (HLC) products, which include dimmers, Scene Switches, and House Status Switches. It can operate lighting devices by other manufacturers, including Z-Wave™ based devices, ALC hardwire, RF, custom hardwire, and others provided by HAI Connectivity Partners.

ENERGY MANAGEMENT

If you add HAI's Omnistat 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.

WHOLE HOME AUDIO

The Omni LT may be interfaced with a Hi-Fi by HAI whole home audio system.

The Omni LT can control on/off, volume, muting, audio source, and many other functions for each audio zone.

INTERFACE OPTIONS

Each Omni LT installation must include at least one Omni Console (HAI Part Number 33A00-1) or Omni Console with Built-in Speaker/Microphone (HAI 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, including over the Internet.

You may add additional interface options, such as an OmniTouch 5.7 Touchscreen, to your Omni LT system.

Choose from one of HAI's award-winning software options, such as Internet access and control with Web-Link II (requires Local Area Network), or Home Control for Windows Media Center.

With Web-Link II you can securely control your home from any Internet enabled computer. Home Control for Windows Media Center allows you to change settings to your home while sitting on a sofa watching TV.

ACCESSORIES

HAI offers a full line of accessories for HAI Home Control, Lighting Control, Energy Management, and Interface Options. 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 smoke, 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 Home Control System remind you every Wednesday night at 8:00 PM that tonight is trash night.

Omni LT SPECS	NUMBER
Consoles, Keypads & Touchscreens*	4**
Thermostats	2
Temperature Sensors	24
Audio Control	Yes
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

Omni LT SPECS	NUMBER
64 Zone Wireless Receivers	1***
Depluggable Terminal Strips	No
Format	Contact ID 4/2 3/1
Transformer Required	16.5V 40VA
Battery (Typical)	12V 7 Ah
Aux Current Max	500 mA
Bell Current Max	1 A
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 3 or more Touchscreens.

*** Wireless Receiver can support 64 transmitters. Wireless receiver can report to 16, 32, 48, or 64 zones depending on setup. Each group of 16 zones counts as one expansion enclosure.

Omni LT Controller

In enclosure	**21A00-1**
On mounting plate	**21A00-2**

AUDIO

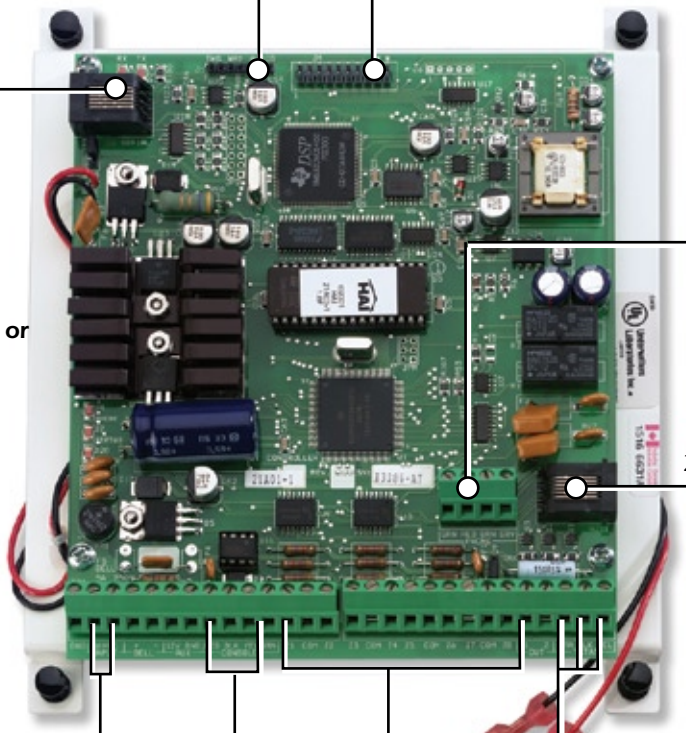
Omni Console w/ Speaker/Mic	**33A00-4**
Surface Speaker/Microphone	**28A00-1**
Flush Speaker/Microphone	**28A00-2**
Two-Way Voice Module	**10A11-1**

EXPANSION

Omni LT Expander	**22A00-1**

CONNECTIVITY

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



SERIAL PORT

HAI Lighting Control	
HAI Web-Link II Software	**1108**
Home Control for Media Center	**1109**
Serial Cable	**21A05-2**
Hi-Fi by HAI	**62A00-1 or 62A00-2**

TELEPHONE INTERFACE

PC Access
Telephones
Computer Modems

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

TRANSFORMER

16.5V, 40 VA
(12V Battery)

COMFORT & CONVENIENCE

HAI Omnistat Thermostats

EXPANSION

Wireless Receiver	**45A00-1**

USER INTERFACE

OmniTouch 5.7 Touchscreens & Consoles

SECURITY & ENERGY MANAGEMENT

Temperature Sensor	**31A00-7**
Temperature/Humidity Sensor	**31A00-8**

Standard Security/Fire/Environmental Sensors

Omni LT PARTS LIST

Controllers: Description	Part #
Omni LT Controller	20A00-1
Omni LT Kit for Structured Wiring Enclosure	20A00-11
Omni LT Board Only	20A00-2
Omni LT Kit with Surface Console	Promo 9
Omni LT Kit for Structured Wiring Enclosure	Promo9S
Omni LT Kit in Enclosure	Promo10
Omni LT Kit for Structured Wiring Enclosure	Promo10S
Omni LT Starter Kit	Promo11

Accessories: Description	Part #
16 Zone Hardwire Expander	10A06-1
4 Relay Module	10A07-1
Two-Way X-10 Transceiver Kit	10A09-7
Two-Way Voice Module	10A11-1
RS-232/RS-485 Serial Board	10A17-1
8 Relay Module	19A00-1
Omni LT Chip Upgrade Version X.X	20A04-50UPG
Universal Mounting Plate	20A07-2
Enclosure Lock and 2 Keys	21A06-1
Omni LT Expansion Module	22A00-1
Omni LT Mounting Plate	21A07-2