



ENHANCED!

Now includes flash memory for easy firmware updates and five serial ports.



Omni IIe Technical Sheet



DESCRIPTION

Omni IIe is the middle member of HAI's Omni home control system product family. It is an ideal and economical choice for homes 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.

specified times. The Omni IIe family supervises zones, battery, and bell circuits. Additionally, Omni IIe systems permit true partitioning for security and control.

Omni IIe systems have 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.

include dimmers, switches, remote controls, and plug-in modules. It can operate lighting devices by other manufacturers, including Z-Wave™ based devices, Zigbee®, ALC hardwire, RF, hardwired, and others provided by HAI Connectivity Partners.



SECURITY

Omni IIe controllers are UL Listed, CP-01 compliant 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. For example, the security code for the nanny, housekeeper, or contractor only works during



LIGHTING

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

Omni IIe supports HAI Lighting Control (HLC) products, which



ENERGY MANAGEMENT

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



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



WHOLE HOME AUDIO



An Omni Ile may be connected to a Hi-Fi by HAI whole home audio system.

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

Use the telephone to make an announcement through Hi-Fi by HAI, such as calling the kids downstairs for dinner.



SURVEILLANCE

Surveillance cameras may be added to Omni Ile systems. View and/or record the nursery, pool area, or front door. Automatically display live video feed on the Touchscreen or television when the doorbell rings.



View live feed or recorded video remotely over the Internet or from your Smartphone/PDA. Activate video recording when an alarm trips, and send an alert to a cell phone or e-mail address stating that an alarm has been tripped.



INTERFACE OPTIONS

Each Omni Ile installation requires at least one Omni Console (HAI part

number 33A00-1) or Omni Console with Built-in Speaker/Microphone (HAI part number 33A00-4).



You may add additional interface options, such as an OmniTouch Touchscreen, to your HAI system. OmniTouch Touchscreens are available as wireless versions, as well as in-wall versions. These colorful, easy-to-use Touchscreens allow complete control of an HAI system.

Your Omni Ile has built-in telephone access with voice menu that you may access when you are inside or outside your home. The telephone access also allows your home to contact you in case of alarm or alert. It also has a built-in modem that allows remote programming and status review, which is available over the Internet using the Ethernet port.

Choose from one of HAI's award-winning software options, such as Internet access and control with Snap-Link, Web-Link II, or Home Control for Windows® Media Center.

With Snap-Link or 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 Home & Lighting Control, Energy Management, Whole Home Audio, 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 motion and glassbreak detectors. HAI also makes a four-button keyfob to control automation functions.

Adding an optional Two-Way Voice Module to your Omni Ile 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 Omni Ile remind you every Wednesday night at 8:00 pm that tonight is trash night.

| HAI Omni IIe SPECS | | HAI Omni IIe SPECS | |
|----------------------------------|-------|--|---------------------|
| HAI Lighting/Rooms | 8 | Vocabulary | 550 |
| Lighting Scenes | 64 | Custom Vocabulary | No |
| Lighting Addressess | 64 | Depluggable Terminal Strips | Yes |
| Zones | 16 | Format | Contact ID, 4/2,3/1 |
| Zone Expansion Total | 48 | Transformer Required | 24V (40VA) |
| 2 Wire Smoke Loops | 4 | Battery (Typical) | 12V (7 Ah) |
| 4 Wire Smoke Loops | 48 | Aux Current Max | 1A |
| Thermostats | 4 | Bell Current Max | 1A |
| Consoles (keypads) * | 8 | Aux Current (UL 24hr.) | 250 mA |
| OmniTouch 5.7 Touchscreens | 7** | Bell Current (UL 24hr.) | 300 mA |
| 12 Volt Triggers (w/ expansions) | 8 (8) | Num. of Expansion Boards (10A06-1) Supported | 2 |
| Serial Ports | 5 | Num. of 64 Zone Wireless Receivers (45A00-1 or 42A00-1) Supported*** | 1 |
| Serial Expansion Total | 6 | Warranty | 2 years |
| Ethernet Port | Yes | <p>* Systems must include at least one console. Each OmniTouch 5.7 Touchscreen uses 1 console address.</p> <p>** Recommend using a 32A30 Touchscreen Hub for 2 or more OmniTouch 5.7 Touchscreens.</p> <p>*** Wireless Receiver 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.</p> | |
| Audio Control | Yes | | |
| Flash Memory | Yes | | |
| User Codes | 16 | | |
| Programming Lines | 500 | | |



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 **21A05-2**
- Serial to PC Cable **36A05-4**
- Serial Connectivity Cable **62A00-1 or 62A00-2**
- Hi-Fi by HAI

EXPANSION

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

ETHERNET PORT

See HAI Software Options

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

12V BATTERY



EARTH GROUND

TRANSFORMER

24V, 40 VA



USER INTERFACE

OmniTouch Touchscreens & Consoles

EXPANSION

- HAI Wireless Receiver **45A00-1**
- Wireless Receiver **42A00-1**

TELEPHONE INTERFACE

PC Access
Telephone



SECURITY & ENERGY MANAGEMENT

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

COMFORT & CONVENIENCE

HAI Omnistat thermostats




HAI Omni IIe Parts List


| CONTROLLERS | | ACCESSORIES | |
|---|------------------|-----------------------------------|--------------------|
| Description | Part # | Description | Part # |
| Omni IIe Controller | 20A00-50 | Two-Way Voice Module | 10A11-1 |
| Omni IIe Controller for Structured Wiring Enclosures | 20A00-52 | RS-232/RS-485 Serial Board | 10A17-1 |
| Omni IIe Board Only | 20A00-53 | 8 Relay Module | 19A00-1 |
| Omni IIe Kit with Flush Console | Promo12e | Omni IIe Chip Upgrade Version X.X | 20A04-50UPG |
| Omni IIe Kit for Structured Wiring Kit with Flush Console | Promo12eS | Universal Mounting Plate | 20A07-2 |
| Omni IIe Kit with Surface Mount Console & Snap-Link | Promo13e | Enclosure Lock and 2 Keys | 21A06-1 |
| Omni IIe Kit for Structured Wiring Enclosures & Snap-Link | Promo13eS | 16 Zone Hardwire Expander | 10A06-1 |
| Omni IIe Starter Kit | Promo14e | 4 Relay Module | 10A07-1 |
| | | Two-Way X-10 Transceiver Kit | 10A09-7 |