



ENHANCED!

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



OmniPro II Technical Sheet



DESCRIPTION

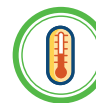
OmniPro II is the flagship member of HAI's Omni home control system product family. It is designed for large residences and commercial installations.

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 OmniPro II family supervises zones, battery, and bell circuits. Additionally, OmniPro II systems permit true partitioning for security and control.

OmniPro II 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.



ENERGY MANAGEMENT

If you add HAI's Omnistat communicating thermostats, you may control your home's temperatures through your OmniPro II 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 OmniPro II controller. They may be used to activate programs for controlling temperatures in attics, garages, greenhouses, basements, wine cellars, or coolers.



SECURITY

OmniPro II 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 OmniPro II system can control your home's 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.



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

OmniPro II supports HAI Lighting Control (HLC) products, which





WHOLE HOME AUDIO



The OmniPro II may be interfaced with a Hi-Fi by HAI whole home audio system, or other audio distribution

systems from HAI Connectivity Partners, including NuVo, Proficient, Russound, SpeakerCraft, and Xantech.

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 OmniPro II 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 OmniPro II installation requires at least one Omni Console or Omni Console with Built-in Speaker/Microphone.



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 OmniPro II system 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 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. Snap-Link Mobile lets you graphically control your home from a Smartphone or PDA.



ACCESSORIES

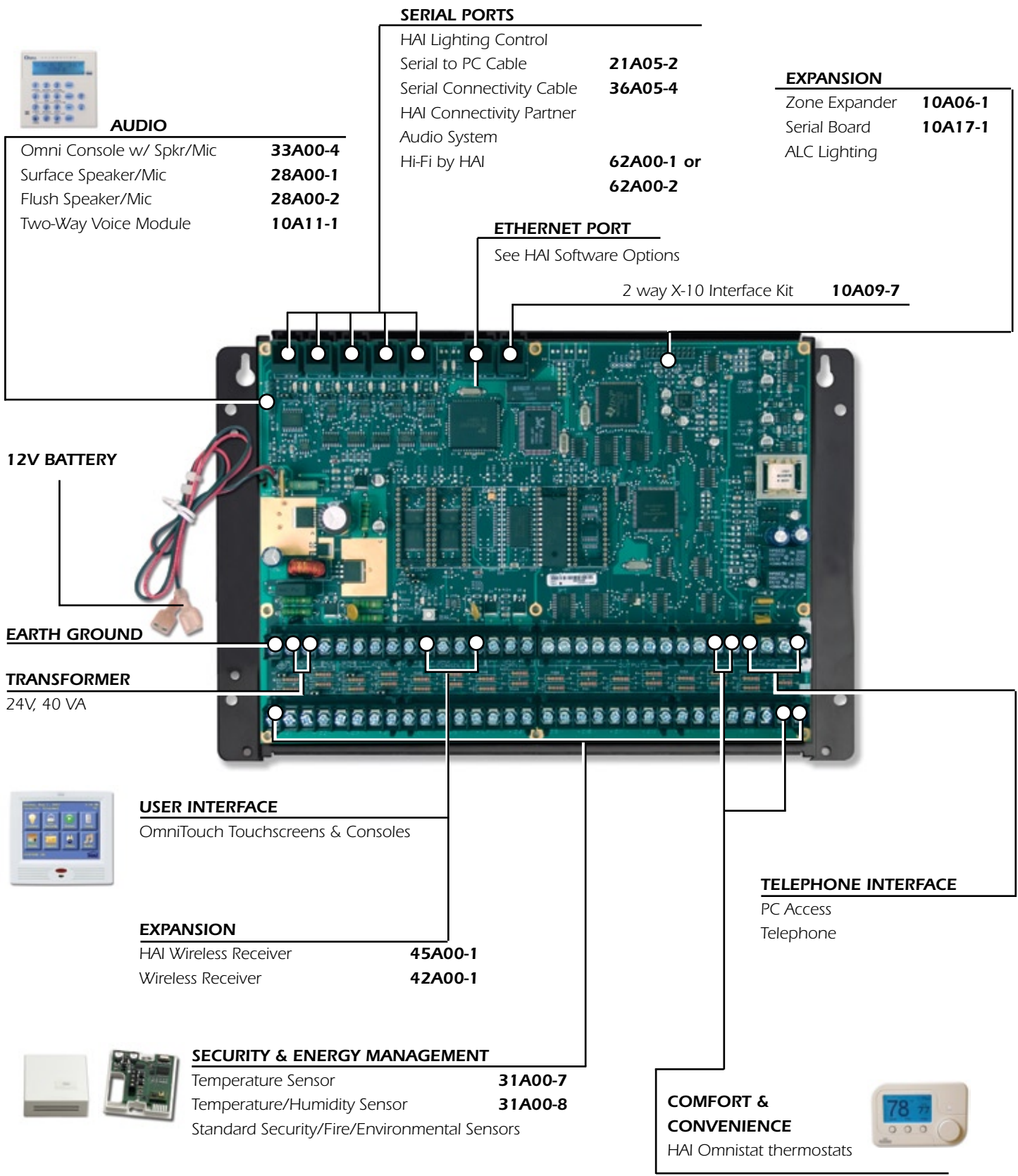
HAI offers a full line of accessories for Home & Lighting Control, Energy Management, Whole Home Audio, and Interface Options. Accessories may be added at the time of initial installation or later as needs change.

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 wireless 4 Button Keyfob, 4 Button Wireless Keypad, and Wireless Panic/Alert Pendant to control automation functions.



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

HAI OmniPro II SPECS		HAI OmniPro II SPECS	
HAI Lighting/Rooms	31	Vocabulary	550
Lighting Scenes	128	Custom Vocabulary	Yes
Lighting Addressess	250	Depluggable Terminal Strips	Yes
Zones	16	Format	Contact ID, 4/2,3/1
Zone Expansion Total	176	Transformer Required	24V (40VA)
2 Wire Smoke Loops	4	Battery (Typical)	12V (7 Ah)
4 Wire Smoke Loops	176	Aux Current Max	1A
Thermostats	64	Bell Current Max	1A
Consoles (keypads) *	16	Aux Current (UL 24hr.)	250 mA
OmniTouch 5.7 Touchscreens	15**	Bell Current (UL 24hr.)	300 mA
12 Volt Triggers (w/ expansions)	8 (136)	Num. of Expansion Boards (10A06-1) Supported	2
Serial Ports	5	Num. of Expansion Enclosures (17A00-X) Supported	8
Serial Expansion Total	6	Num. of Expansion Boards (22A00-1) Supported	0
Ethernet Port	Yes	Num. of 64 Zone Wireless Receivers (45A00-1 or 42A00-1) Supported***	2
Audio Control	Yes	Warranty	3 years
Flash Memory	Yes	* Systems must include at least one console. Each OmniTouch 5.7 Touchscreen uses 1 console address. ** Recommend using a 32A30 Touchscreen Hub for 2 or more OmniTouch 5.7 Touchscreens. *** 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.	
User Codes	99		
Programming Lines	1500		



CONTROLLERS		ACCESSORIES	
Description	Part #	Description	Part #
OmniPro II Controller	20A00-2	Two-Way Voice Module	10A11-1
OmniPro II Commercial Controller	20A00-5	RS-232/RS-485 Serial Board	10A17-1
OmniPro II Controller for Structured Wiring Enclosures	20A00-8	8 Relay Module	19A00-1
OmniPro II Board Only	20A00-21	OmniPro II Chip Upgrade Version X.X	20A04-2UPG
OmniPro II Spanish	20A00-42	Universal Mounting Plate	20A07-2
OmniPro II Spanish for Structured Wiring Enclosures	20A00-44	Enclosure Lock and 2 Keys	21A06-1
OmniPro II Kit with Flush Console	Promo15	16 Zone Hardwire Expander	10A06-1
OmniPro II Kit for Structured Wiring Kit with Flush Console	Promo15S	4 Relay Module	10A07-1
OmniPro II Starter Kit	Promo16	Two-Way X-10 Transceiver Kit	10A09-7
		OmniPro II Chip Upgrade (Spanish) Version X.X	20A04-42UPG
		16 Zone/16 Output Expansion Enclosure	17A00-1
		16 Zone/16 Output Expansion Board Only	17A00-8
		16 Zone/16 Output Expansion Board on a Universal Plate	17A00-9

Product Dimensions	
Controller in Enclosure	13 1/4" W x 13 3/8" H x 4 5/8" D
Controller Board Only (for use with Structured Wiring Enclosure)	11" W x 8" H x 1 1/4" D

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