The Omni LTe Controller

The Omni LTe is a full sized security and automation system with flash memory and five serial ports, as well as an Ethernet port for remote access. The system provides enhanced comfort, safety, convenience, and energy savings by coordinating audio/video, lighting, heating and air, security, scenes and messaging based on activity and schedule.

20A00-70 Omni LTe in Enclosure

20A00-72 Omni LTe for Structured Wiring Enclosures

20A00-73 Omni LTe – Board Only

Security

Omni LTe controllers are UL Listed, CP-01 compliant security and fire for residential installations. They detect intrusion, smoke and fire, carbon monoxide, water, vehicles, motion, and other hazards with wireless or wired 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 or access card for the nanny, housekeeper, or contractor only works during specified times. The Omni LTe supervises zones, battery, and bell circuits.

Surveillance cameras may be added to Omni LTe systems. Automatically display live video feed on the Touchscreen or television when the doorbell rings. Activate video recording when an alarm trips, and send an alert to a cell phone or e-mail address. Omni LTe 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.
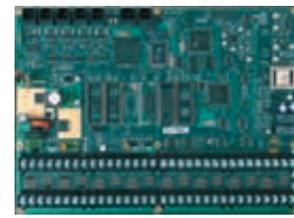
Lighting

The Omni LTe 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 LTe supports Leviton Lighting Control products including HLC, Omni-Bus, Vizia RF +, Z-Wave, and ZigBee. Supported products include dimmers, switches, remote controls, and plug-in modules.

Energy Management

If you add Leviton's Omnistat2 wireless or wired communicating thermostats, you may control your temperatures through your Omni LTe system by schedule and activity – such as home, asleep, away, room occupancy, outdoor temperature, etc. Leviton temperature and humidity sensors allow for temperature based programming of events in your Omni LTe controller. They may be used to activate programs for controlling temperatures in attics, garages, greenhouses, basements, wine cellars, or coolers. ZigBee devices allow for wireless control of water heaters, pumps, fountains, and much more.

Audio/Video

An Omni LTe may be connected to a Leviton Hi-Fi 2 whole home audio system. Use the Bluetooth Remote Input Module to stream music from your iPhone or Android phone throughout the entire home or business. Use a home telephone to make an announcement through the audio speakers, such as calling the kids downstairs for dinner. The Home Theater Extender 2 may also be utilized. Automate audio/video 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

Within the home or business, Touchscreens offer the ability to control every sub-system from a dedicated built-in device. The Omni LTe may be controlled remotely from a PC, laptop, tablet, smartphone, or e-Reader. Apps exist for Android, iOS, and Windows devices. ◼

LTe supports the following protocols and products: X-10, UPB, Omni-Bus, ZigBee, Vizia RF Z-Wave, Clipsal C-Bus, Dynalite, Coolmaster, KNX, Hi-Fi, Hi-Fi 2

HLC Lighting/Rooms	**4**
Lighting Scenes	**32**
Lighting Addresses	**32**
Zones	**16**
Zone Expansion Total	**32**
2 wire smoke loops	**4**
4 wire smokes	**16**
Thermostats	**4**
Consoles / Keypads *	**4**
IP Touchscreens: OmniTouch 7 / OmniTouchPro	**16**
12 volt triggers	**8**
User Settings	**10**
Access Control Card Readers	**4**
Access Control Card / Key Tag	**16**
Serial ports	**5**
Ethernet port	**Yes**
Audio Control	**Hi-Fi, Hi-Fi 2**
Flash Memory	**Yes**
User Codes	**16**
Programming Lines	**300**
Vocabulary	**550**
Custom Vocabulary	**No**
Depluggable Terminal Strips	**Yes**
Format	**Contact ID, 4/2, 3/1**
Transformer Required	**24V (40VA)**
Battery (Typical)	**12V (7Ah)**
Aux current Max	**1A**
Bell current max	**1A**
Aux current (UL 24 hr)	**250mA**
Bell current (UL 24 hr)	**300mA**
Number of 16 Zone Hardwire Expanders (10A06-1) Supported	**0**
Number of Expansion Boards (17A00-x) Supported	**0**
Number of Expansion Boards (22A00-1) Supported	**0**
Number of Wireless Receivers (45A00-1 or 42A00-1) Supported	**1**
UL Listing	**Residential: Burglar/Fire**
Warranty	**2 years**

* Systems must have one console to meet UL requirements.

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
HLC Lighting Control UPB PIM (#36A00-1)
Leviton Vizia RF + Z-Wave (#VRCOP),
ZigBee (#81A00-3)
KNX Gateway, (#97A00-1)
Access Control Readers (#75A00, #54A00)
Clipsal, Dynalite, Coolmaster, Serial Connectivity
Cable (#36A05-4), Serial to PC Cable (#21A05-2)

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
Snaplink for Windows,
Snaplink Mobile for Android/
iPhone and iOS, PC Access,
OmniTouch 7 Touchscreen,
OmniTouch Pro, Omni-Bus

Two-Way X-10

12V BATTERY

**TELEPHONE
INTERFACE**
• Land line
• Cellular
  Communications
  Center (#70A00)
• PC Access

EARTH GROUND

TRANSFORMER 24V/40VA

USER INTERFACE

Omni Cosoles (#33A00)

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

COMFORT & CONVENIENCE
Omnistat2 Thermostats

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

Omni systems are designed for professional
installation. Licensing requirements vary by area.

RoHS COMPLIANT | UL | CE | California Title 24 Compliant | CP-01 Compliant

20A00-70	**Omni LTe Controller** Includes an Omni LTe home control system with enclosure, lock set with two keys, RJ31X cord and jack, and manuals.
20A00-72	**Omni LTe Controller for Structured Wiring Enclosures** This model comes with an Omni LTe controller on structured wiring enclosure mounting plate, 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).
20A00-73	**Omni LTe Board Only** 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).