

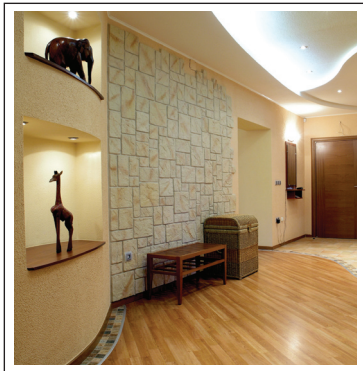


HLC Technical Sheet



Elegant, Reliable Lighting Control at an Affordable Price!

Lighting control can enhance the enjoyment and value of your home, add security for peace of mind, and contribute to savings on your energy bill.



With HAI Lighting Control (HLC) you can experience all of the benefits of a sophisticated lighting control system that is affordable and retrofittable.

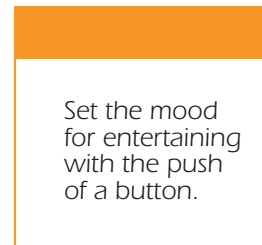
The HLC product line includes dimmers, switches, remote controls, and plug-in modules.

HLC is a modular system, so you can easily add rooms or lights anytime, updating as your needs change. For retrofits or expansion, simply replace the existing light switch with an HAI "smart" switch.

Save money and energy with HLC. The Home Lighting Control Alliance says that dimming your lights by 25% saves 20% of the energy used and extends bulb life by 10 times. Dimming your lights by 50% saves 40% in energy and extends bulb life by 20 times. HAI systems can automatically set lights to any percentage, saving you money every time a light is turned on.



Dim lights as movie begins, using the convenient remote control.



Front door and driveway lights come on at dusk and turn off at a set time to save energy.



Expansion is easy! Add a table lamp or small appliance with a plug-in module.



Easy to Use

- Switches feature true rocker action. Press and hold to brighten or dim. Press up to turn on. Press down to turn off.
- Homeowners may easily change scene settings at any time without a service call.

Matches Your Style



- Most switches accommodate standard Decora-style Wallplates for unlimited faceplate options.
- Most switches are offered in a multitude of colors, including Almond, Black, Brown, Grey, Ivory, Light Almond, and White.
- LED indicator lights at the top of the switches can be programmed to glow Blue, Red, Magenta, or turned off entirely.
- Scene Switch and House Status Switch may have custom laser engraved buttons.

No Need to Re-wire!

- For retrofit or expansion, simply replace the light switch with an HAI "smart" switch.
- Can be used in new or existing homes that have standard electrical wiring.
- HLC uses Generation II UPB™ (Universal Powerline Bus) a digital communications standard for lighting and home control that ensures superior reliability.

Expand Your Benefits with an HAI Home Controller.

HAI Lighting Control (HLC) can be used with or without an HAI home control system. When HLC is used in conjunction with an HAI home control system, lights can be scheduled by sunrise/sunset, motion, or event. Additionally, lights can be controlled via remote control, telephone, Smartphone, Internet, Touchscreen, or TV.






Control your lights with an OmniTouch 5.7 Touchscreen.






















Single Room Lighting Control, with No Programming.

For an easy to set up, fully scalable lighting control kit, use Lamp Modules, Scene Switches in Table Top Scene Switch Cradles, and the HLC Scene Switch Remote Control.

This stand-alone application is perfect for home theaters, great rooms, master bedrooms & baths, and outdoor lighting.

Picture	Title	Description	Size in Inches	Part #
	1000W UPB™ Dimmer Switch	1000W UPB™ Dimmer Switch Connectors, instructions. Requires its own gang box or must be de-rated.	Width: 2.5 Height: 4.25 Depth: 1.75	
See Installation and De-rating information page 6				
	Purchase in Desired Color:	<i>Important Color Note: The 1000W switch is color matched to Lutron colors and the rest of the HLC product line is color matched to Leviton colors. While the White and Ivory colors match exactly in these two styles, the rest of the colors, especially the Almond and Light Almond colors, have a slight color variation.</i>		
	Almond			55A00-1AL
	Black			55A00-1BL
	Brown			55A00-1BR
	Grey			55A00-1GR
	Ivory			55A00-1IV
	White			55A00-1WH
	1500W UPB™ Dimmer Switch	1500W UPB™ Dimmer Switch Connectors, instructions. Requires a special back box, and special sized wallplate.	Width: 2.63 Height: 4.5 Depth: 1.75	
See Installation and De-rating information page 6				
	Purchase in Desired Color:			
	Ivory			55A00-2IV
	White			55A00-2WH
	1500W Wallplate, Ivory			55A02-2
	1500W Wallplate, White			55A02-1
	2400W UPB™ Dimmer Switch	1500W Dimmer Switch UPB™ Connectors, instructions. Requires a special back box, and special sized wallplate.	Width: 4.31 Height: 4.5 Depth: 2	
See Installation and De-rating information page 7				
	Purchase in Desired Color:			
	Ivory			55A00-3IV
	White			55A00-3WH
	2400W Wallplate, Ivory			55A03-2
	2400W Wallplate, White			55A03-1

Picture	Title	Description	Size in Inches	Part #
	600W UPB™ Dimmer Switch	600W UPB™ Dimmer Switch is used for controlling and dimming lighting loads up to 600 Watts. In three-gang installations the switch must be de-rated to 500W. Ships White, with available color change kits (page 7).	Width: 1.75 Height: 4.12 Depth: 1.43	35A00-1
	600W UPB™ Non-Dimming Switch	The 600W UPB™ Non-Dimming Switch is used for controlling non-dimming loads, such as fluorescent lights, up to 600 Watts. In three-gang installations the switch must be de-rated to 500W. Ships White, with available color change kits (page 7).	Width: 1.75 Height: 4.12 Depth: 1.43	35A00-3
	15A Relay Switch	Relay Switch is used for controlling heavier loads (up to 15 Amps) or motors, such as ceiling fans, that may hum when used with Dimming or Non-Dimming switches.	Width: 1.75 Height: 4.12 Depth: 1.43	40A00-1
	Auxiliary Switch	White Auxiliary Switch for remote operation of 35A00, 40A00 and 55A00 dimmers and switches; connectors, instructions.	Width: 1.75 Height: 4.12 Depth: 1.43	37A00-1
	UPB™ Lamp Module	Plug-in Lamp Module controls lamps up to 300 Watts.	Width: 3 Height: 2 Depth: 1.3	59A00-1
	UPB™ Appliance Module	Plug-in Appliance Module controls to 15 Amps, general purpose, 1/2 horsepower.	Width: 3 Height: 2 Depth: 1.3	60A00-1
	Scene Switch, 6 Button	Control all lights in a room or area. Lights may be turned on or off, dimmed, brightened, and set to four different scenes.	Width: 1.75 Height: 4.12 Depth: 1.62	38A00-1
	Scene Switch Remote	Works with HAI's Scene Switch. Controls all lights in a room or area within a 25 foot range. Available in White only.	Width: 2.125 Height: 3.375 Depth: .25	38A14-1
	Table Top Scene Switch Cradle	Table Top Scene Switch Cradle is used to table mount the Scene Switch, House Status Switch or Lumina Mode Switch.	Width: 2.125 Height: 4.375 Depth: 2.5	
	Purchase in Desired Color:			
	Black			38A15-BL
	White			38A15-WH

Picture	Title	Description	Size in Inches	Part #
	HLC Table Top Scene Switch	Table Top Scene Switch Cradle with Scene Switch pre-installed.	Width: 2.125 Height: 4.375 Depth: 2.5	
	Purchase in Desired Color:			
	Black			38A16-BL
	White			38A16-WH
	House Status Switch, 8 Button	This master lighting control shows the status for up to eight rooms. If any light is on in an integrated room, the button for that room is illuminated.	Width: 1.75 Height: 4.12 Depth: 1.62	38A00-2
	Custom Legend Kit	Coupon & instructions for custom laser engraved buttons for 6 button Scene Switch or 8 button House Status Switch.		38A06-2
	Phase Coupler	For 120/240V electrical systems, the Phase Coupler increases the speed and reliability of HLC systems.	Width: 1.75 Height: 4.12 Depth: 1.43	39A00-1
	UPB™ Powerline Interface Module & Cable	Connects the lighting system to an automation system or computer, which can then control the lights—making them accessible through the home computer or from a remote location over the internet.	Width: 2 Height: 3 Depth: 1.43	36A00-1
	HLC Load Control Module	Communicates through UPB™ powerline carrier technology. 30 Amps, 120/240 v.	Width: 4.6 Height: 4.6 Depth: 2.5	71A00-1
	Hardwired Load Control Module	A 20 AMP Relay Module that connects directly to voltage outputs on HAI home controllers and expanders and includes a manual override switch.	Width: 4 Height: 4 Depth: 1.875	72A00-1
	Switch Color Change Kit (not applicable to 55Axx switches)	Paddle, bezel assembly for 35A00, 37A00 and 40A00 series switches.		35A14-color*
	Scene Switch & Lumina Mode Switch Color Change Kit	Bezel for 38A00-1 or 38A00-3, instructions.		38A04-color*
	House Status Switch Color Change Kit	Bezel for 38A00-2, instructions.		38A05-color*

* Available Colors and color codes: White (WH), Ivory (IV), Almond (AL), Light Almond (LTA) , Brown (BR), Grey (GR), Black (BL)

De-Rating Information

1000W UPB™ Dimmer Switch

When the 1000W UPB Dimmer Switch switch is mounted in a normal depth wall box it must be de-rated from 1000W to 900W.

For a proper fit in a multiple gang installation, it may be necessary to remove one or both of the break-off tabs on the sides of the 1000W switch. When tabs are removed, the overall rating of the device must be reduced in accordance with the following chart:

Description	Load
Device Maximum Load	1000W
No Fins Removed Deep Box	1000W
No Fins Removed Normal Depth Box	900W
One Fin Removed Next to One Dimmer	800W
Both Fins Removed Next to Two Dimmers	600W

1500W UPB™ Dimmer Switch

For a proper fit in a multiple gang installation, it may be necessary to remove one or both of the break-off tabs on the sides of the 1500W switch. When tabs are removed, the overall rating of the device must be reduced in accordance with the following chart:

Description	Load
Device Maximum Load *	1500W
No Fins Removed Large Box **	1200W
No Fins Removed Normal Depth Box	1000W
One Fin Removed Next to One Dimmer	800W
Both Fins Removed Next to Two Dimmers	700W

* When in a PCS Lighting Control Panel

** Large Wall Box = greater than 40 Cubic Inches

De-Rating Information (Continued)

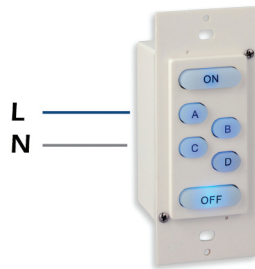
2400W UPB™ Dimmer Switch

For a proper fit in a multiple gang installation, it may be necessary to remove one or both of the break-off tabs on the sides of the 2400W switch. When tabs are removed, the overall rating of the device must be reduced in accordance with the following chart:

Description	Load
Device Maximum Load *	2400W
No Fins Removed Large Box **	2000W
No Fins Removed Normal Depth Box ***	1800W
One Fin Removed Next to One Dimmer	1600W
Both Fins Removed Next to Two Dimmers	1400W

- * Requires mounting in lighting control panel, available directly from Powerline Control Systems (PCS)
- ** Large Wall Box = greater than 90 Cubic Inches, such as RACO # 698
- *** When mounted in 45 Cubic Inch wall box, such as RACO # 696

**SCENE SWITCH
38A00-1**



**HOUSE STATUS SWITCH
38A00-2**



**Dimmers & Relay Switch
35A00-1; 35A00-3; 55A00-1;
55A00-2; 55A00-3; 40A00-1**

