



**Lamp Module Starter Kit
Model DKIT-03SP**

Getting Started



Simply Automated Pre-Configured SimplySmart™ Series

Utilizes SimplySmart™ technology to make installation a breeze. No computer programming required! Simple-n-easy, ready to use lighting control.





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Utilizes SimplySmart™ technology to make installation a breeze.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical products, basic safety precautions should always be followed, including the following:

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
2. Installation should be performed by a qualified electrician.
3. Keep away from water. If product comes into contact with water or other liquid, disconnect immediately.
4. Never use products that have been dropped or damaged.
5. Do not use this product outdoors.
6. Do not use this product for other than its intended use.
7. Do not connect multiple lamps that, when combined, exceed the maximum load rating of the product, de-rated for multi-gang boxes.
8. Do not install in areas that can exceed 120°F (e.g., in an attic).
9. To avoid the risk of overheating and possible damage to other equipment, do not use this product to control a receptacle.
10. Do not cover the product with any material when in use.
11. SAVE THESE INSTRUCTIONS.

Security Panel Lamp Starter Kit

Easily Connect Simply Automated Lighting to Any Alarm Panel with Low Voltage or Contact Output Capability. (PN: DKIT-03SP) includes 2 Lamp Modules and 1 I/O Module with 3 inputs/2 outputs.

Getting Started

Section 1: Very Important Pre-Installation Notes

- The security panel will need one or more low voltage or contact closure outputs to interface with the I/O Module.
- Your home should be no more than 2500 square feet and have only one breaker panel. A phase coupler is required in some home installations. See Section 5 for more information.
- Not intended for use in multi-dwelling (condo, apartment, duplex) units.

Section 2: Installation of the Lamp Modules and I/O Module

Section 2.a. Installation of the Lamp Modules

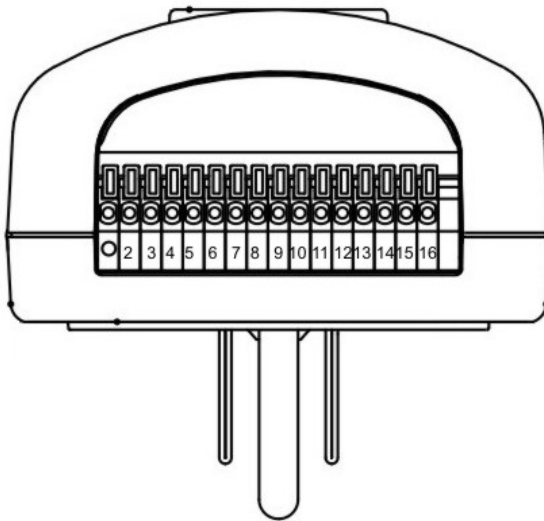
Locate 2 lamps you would like to turn ON/OFF. Plug a lamp module into a wall outlet, then plug in a lamp into the socket on the bottom of the lamp module. Turn the lamp ON using the lamp's ON/OFF switch. Repeat this process for second lamp module. You're done with the installation process! Please refer to the User Guide or see http://simply-automated.com/documents/452-0112-0201_RevC_UML-E-W_UserGuide_090512.pdf.



Important note: each lamp module has a specific device ID #. You can find the device ID # on the box the lamp module came packaged in and also on the back of each lamp module. One lamp module has device ID #14 and the other has device ID #15. This is important information, it relates to operation with the Input/Output Module and Pocket Programmer (sold separately).

Section 2.b. Installation of the I/O Module

Locate a 110 VAC power receptacle in (or near) the alarm panel and plug-in the I/O Module. The I/O Module has 3 pre-configured inputs (3 low voltage 4-5VAC/DC or 2 contact closure) to turn on/off the 2 lamp modules. Refer to User Guide in box the I/O Module came packaged in or see http://simply-automated.com/documents/452-0003-0001_RevE_UMI_UserGuide_090512.pdf. The discrete low voltage or contact closure trigger outputs of the security panel need to be connected to the proper terminals of the I/O Module.



Input 1: Low Voltage (only), terminals 6 and 7
Turns on/off first lamp module (#14)

Input 2: Contact, terminals 9 and 10
OR

Input 2: Low Voltage, terminals 8 and 9
Turns blinking on/off for all lamp modules

Input 3: Contact, terminals 15 and 16
OR

Input 3: Low Voltage, terminals 14 and 15
Turns on/off all lamp modules

Note: Low voltage inputs are differential (i.e. positive or negative polarity does not matter).

Pre-Configured Input 1: Low voltage input. Turns on first lamp module (#14) when trigger is enabled. Turns off first lamp module when trigger is disabled. Used for delay entry/exit (lights on for entry, off for exit), arm/disarm acknowledgement, door strike or motion sensor interface. Installer needs to program security panel for each trigger interface. Low voltage wires (provide 0 Volt 'off' or 4-5 Volt 'on' trigger) from security panel connect to input terminals 6/7 of the I/O Module.

Pre-Configured Input 2: Low voltage or contact closure input. Turns on both lights and flashes when triggered is enabled. Turns off lights and stops flashing lamp modules when trigger is disabled. Used for fire, intrusion or panic alarms. Installer needs to program security panel for alarm type and trigger. Low voltage wires (provide 0 Volt 'off' or 4-5 Volt 'on' trigger) from security panel connect to input terminals 8/9, or contact closure wires (provide open – 'off' or closed – 'on' trigger) connect to input terminals 9/10 of the I/O module.

Pre-Configured Input 3: Low voltage or contact closure input. Turns on both lights when trigger is enabled. Turns off both lights when trigger is disabled. Used for fire, intrusion or panic alarms. Installer needs to program security panel for alarm type and trigger. Low voltage wires (provide 0 Volt 'off' or 4-5 Volt 'on' trigger) from security panel connect to input terminals 14/15, or contact closure wires (provide open – 'off' or closed – 'on' trigger) connect to input terminals 15/16 of the I/O Module.

Testing the I/O Module and 2 lamp modules:

- Input 1: Apply a low voltage source (i.e., 9V DC battery) to input terminals 6/7 of the I/O Module to turn on first lamp module (#14). Disconnect battery to turn off lamp module.
- Input 2: Apply a low voltage source (i.e., 9V DC battery) to input terminals 8/9 of the I/O Module to flash both lamp modules. For contact closure, apply input (i.e., short circuit with #18 wire) to input terminals 9/10 of the I/O Module. Remove low voltage source, or contact closure source to turn off both lamp modules.
- Input 3: Apply a low voltage source (i.e., 9V DC battery) to input terminals 14/15 of the I/O Module to turn on both lamp modules. For contact closure, apply input (e.g. short circuit with #18 wire) to input terminals 15/16 of the I/O Module. Remove the low-voltage or contact closure source to turn off both lamp modules.

Important Note: You will hear a soft buzz when the I/O Module is transmitting a signal to the lamp modules. If you hear a buzz, but one or both of the lamp modules do not turn on/off, the lamp's switch may be in the off position. Go to the lamp and turn on using the lamp's on/off switch. If the lamp module still does not turn on/off, see Section 5, Phase Coupler.

Section 3: Adding Additional Dimmers and Lamp Modules

Simply Automated Pre-Configured SimplySmart™ Series offers simple-n-easy expansion capability. Add up to two additional dimmers or lamp modules to the Security Panel Lamp Module Starter Kit. Fully compatible accessories will interface with the I/O Module and your security panel out of the box! Each accessory dimmer or lamp module added will automatically blink on/off when input 2 of the I/O Module is triggered by the security panel, will go on/off when input 3 is triggered.

Lamp Modules



PN: UML7

PN: UML8

Dimmers



PN: US1W9

PN: US1W10

Important Note: only one of each pre-configured accessory PN can be ordered per home installation.

Section 4: Adding Lighting Control and Automation

You can have even more lighting power with Simply Automated's pre-configured lighting control kits and accessories. Fully compatible with the I/O Module and your security panel out of the box! Each accessory dimmer or lamp module added will automatically blink on/off when input 2 of the I/O Module is triggered by the security panel, will go on/off when input 3 is triggered.

Create your own special lighting scenes (i.e., reading, dining, entertaining) with our 4-button scene controllers. Push a button to turn on one light or a group of lights. Push a button to turn on all lights on. Push a button to turn all lights off. Manually edit (add or delete) a dimmer or lamp module from any button. Simple-n-easy one touch button control.

Tabletop Controller

With 4-button scene control



PN: US2TP11

Deluxe Dimmer

With 4-button scene control



PN: US2W12

Dimmer Starter Kit (PN: DKIT-01):

Includes 2 dimmers and deluxe dimmer
With 4-button scene control



Lamp Starter Kit (PN: DKIT-02):

Includes 2 lamp modules and tabletop controller with 4-button scene controller.



Important Note: only one of each pre-configured accessory PN can be ordered per home installation.

Section 5: Using the Pocket Programmer (sold separately)

If you plan to do multiple installations, we highly recommend you purchase a Pocket Programmer (Model # [UPP-20](#)). The Pocket Programmer is a very powerful and simple tool for the dealer or installer.



1. Network ID. Each device in the pre-configured series has the same network ID (250). The Pocket Programmer can be used to change the network ID in the pre-configured series to provide a unique ID for each installation, an important security feature. This will also prevent potential 'cross-chatter' with a neighbor's lighting system.
2. Links. Each input has a defined link. Input 1 has been assigned link 66 (on/off for one device), Input 2 has been assigned link 65 (blinking on/off for all devices), Input 3 has been assigned link 64 (on/off for all devices). All pre-configured accessory dimmers and lamp modules will automatically work with Inputs 2 and 3.
3. Testing Signal Strength and Noise. In some cases, there may be noise (interference) issues on the powerline from other electrical devices in the home that might interfere with the operation of the lighting system. You can quickly test for any noise on your system by doing a noise check.
4. Computer Interface Module. The Pocket Programmer can be used as a computer interface module with your PC using a serial connection. With UPStart software (available at http://www.simply-automated.com/products/sa_upstart.htm), you have a powerful tool for custom installations.

To learn more about the Pocket Programmer and how it can be used go to http://www.simply-automated.com/products/sa_UPP.htm

Section 6: In Case of a Problem

Phone: 760-431-2100 Ext..138 Monday-Friday 8AM-5PM (Pacific Time) for assistance.

Phase Coupler: If you have tested the lamp modules, they work, but the I/O Module does not turn on all the lamp modules, the circuits in your home may be out of phase. All homes have a 220V feed to the main panel box, where the 220V is separated into 110V in two phases, an A and B. You will need to install a phase coupler, see http://simply-automated.com/products/sa_zpc.htm for more details.

Model #	Description
ZPCI-P30A	Plug-In Inverting Phase Coupler, fits a standard (NEMA 10-30) 220VAC clothes dryer outlet
ZPCI-W	Wire-in Inverting Phase Coupler
ZPCI-B	Breaker Panel Inverting Phase Coupler

Section 7: Simply Automated Custom Expansion Series

Powerful Custom Expansion Capability using your PC, Computer Interface Module (PN: UMC-USB) and UPStart software – up to 250 devices! Devices include single rocker dimmers, deluxe dimmers with different faceplates (up to 8 buttons), lamp or appliance modules, tabletop pedestal with 8 buttons, wall receptacle, fixture relay, fixture dimmer or scheduler-timer. Control lighting and 120VAC appliances, heaters, fans, motors or pumps. Programmable dimming rates (1 second, 5 second, up to 4 hours). Energy saving countdown timer function. Lighting control for your entire home! Visit <http://www.simply-automated.com>.

