Simply Automated
Incorporated

Getting Started
Dimmer Accessory
For Models US1W9 and US1W10

US1W9   **US1W10**

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.

UPB™
UNIVERSAL POWERLINE BUS

Simply Automated Pre-Configured SimplySmart[TM] Series

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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.

Section 1: Very Important Pre-Installation Notes

- Simply Automated dimmers require both a neutral (white) and hot (black) connection.
- Do not use on a 3-way circuit (intended for installation on a circuit controlled by one switch/dimmer).
- 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 Dimmers

To install please refer to the User Guide in the boxes the dimmer came packaged in. Or see US11-40-W User Guide at http://simply-automated.com/documents/452-0051-0101_RevD_US11-40_UserGuide_090512.pdf.

All Simply Automated dimmers operate just like a regular dimmer. Test each dimmer to ensure they are properly installed. Press (tap) the top of each rocker to turn on the circuit. Press (tap) the bottom of the rocker to turn off the circuit.

The dimmer has been programmed from the factory to turn on at 100%. If you would like a different lighting level when the light is off, press and hold the top of the rocker until the desired level is achieved. If you would like a different lighting level when the light is on, press and hold the bottom of the rocker until the desired dim level is achieved, then release.

Important Note: If you are using compact florescent or florescent lighting, you should not attempt to change the dimming level. Florescent lighting cannot be dimmed, can only be turned on at a 100% dim level.

Testing the dimmer using the 4-button scene controller. Button 3 of the Deluxe Dimmer with 4-buttons (and Tabletop Controller with 4-buttons) is programmed from the factory to turn on each device (dimmer or lamp module) at a 100% dim level. Button 4 is programmed from the factory to turn off each device (dimmer or lamp module).

- Button 3 turns on/off each dimmer: Press (tap) button 3 one time to turn on each dimmer, press (quickly tap) two times to turn off each dimmers.
- Button 4 turns off each dimmer: Press (tap) button 4 one time to turn off each dimmer.

Helpful Hint: Tapping should be done quickly ensuring contact is made from the button to the base sensor.

See Manual Scene Creation and Modification section in the US2-40 User Guide http://simply-automated.com/documents/452-0052-0101_RevD_US2-40_UserGuide_090512.pdf for more details.

Important Note: Each dimmer has a unique ID number. You can find the ID number on the front of each dimmer. Dimmer (PN: US1W9) has ID #9 and dimmer (PN: US1W10) has ID #10. This is important information to note as it relates to operation with the Scheduler-Timer accessory (sold separately).

Section 3: Editing Buttons (Scenes) on the Deluxe Dimmer (or Tabletop Controller) with 4-Buttons

Each button on the Deluxe Dimmer (or Tabletop Controller) with 4-Buttons controls a SCENE that can easily be edited from the factory pre-sets. You can change the dimming level or number of dimmers controlled by each button to create your own custom scenes!

Section 3.a. Adding a Dimmer

Button 1. To add the dimmer to button 1:

- Go to the dimmer, press and hold the top rocker to the desired dimming level. Then press (quickly tap) the top rocker 5 times to place in the program mode. A green light will flash above the rocker to confirm the dimmer is in the program mode.

- Go to the Deluxe Dimmer (or Tabletop Controller) with 4-buttons, press (quickly tap) button 1 seven times. Button 1 will now turn on/off the dimmer – including all other devices (dimmers and lamp modules) you had programmed. Press (tap) button 1 one time to turn on the dimmer and other devices, press (quickly tap) two times to turn off the dimmer and other devices. You have created a new scene!

Helpful Hint: If you press (tap) a button and the dimmer does not turn on, repeat the two steps outlined above. Tapping should be done quickly ensuring contact is made from the button to the base sensor.

Button 2. To add the dimmer to button 2, follow the instructions outlined above in Section 3.a. noting you will need to press (tap) button 2 seven times to program the new scene.

Helpful Hint: After tapping five times, dimmer will stay in the program mode for approximately 5 minutes. You can always confirm if the dimmer is in the program mode by checking for a blinking green light above the rocker. If the dimmer is not flashing green, to place in the program mode, quickly tap the top rocker five times. To exit the program mode, quickly tap the top rocker two times.

Section 3.b. Adding or Editing Multiple Dimmers at the Same Time

You can add or edit multiple dimmers with custom dimming levels to each button at the same time. To add or edit the dimming level of dimmers to buttons 1 or 2.

Button 1.

- Go to each dimmer you would like to add or edit, press and hold the top rocker to the desired dimming level. Then press (quickly tap) the top rocker of each dimmer 5 times to place in the program mode. A green light will flash above each rocker to confirm the dimmer is in the program mode.

- Go to the Deluxe Dimmer (or Pedestal Controller) with 4-buttons, press (quickly tap) button 1 seven times. Button 1 will now turn on/off all dimmers you programmed to the dimming levels you selected. Press (tap) button 1 one time to turn on the dimmers, press (quickly tap) two times to turn off dimmers. You have created a new scene!

Important Note: If you had lamp module(s) controlled by button 1, tapping button 1 will also turn on/off the lamp modules.

Button 2. Follow the instructions outlined in Section 3.b. for Button 1, noting you will need to press (quickly tap) button 2 seven times to program the new scene.

Buttons 3 and 4. Button 3 is programmed from the factory to turn on all dimmers at a 100% dim level. Button 4 is programmed from the factory to turn off all three dimmers. **We do not recommend editing buttons 3 or 4 since the circuit controlled by the Deluxe Dimmer cannot be edited.**

All accessory devices (up to ten dimmers/lamp modules) in the Pre-Configured SimplySmart™ Series have the same settings -- one tap of button 3 turns all devices on, one tap of button 4 turns all devices off. This pre-programming is a very powerful and convenient feature using both the Deluxe Dimmer with 4-buttons and Tabletop Controller with 4-buttons. For example, using the Deluxe Dimmer for entering a home (button 3 for ALL ON), leaving a home (button 4 for ALL OFF), or using the Tabletop Controller at your bedside side table for security and nighttime convenience (button 3 for ALL ON) or (button 4 for ALL OFF).

Important Note: Buttons 1 and 2 operate independently for the Deluxe Dimmer and Tabletop Controller allowing one touch button control up to 4 unique custom scenes. Create one scene for button 1 of the Deluxe Dimmer and a second scene for button 1 of the Tabletop Controller. Make a third scene for button 2 of the Deluxe Dimmer and a fourth scene for button 2 of the Tabletop Controller.

Section 3.d. Deleting a Dimmer.

If you would like to edit a scene and delete a dimmer from any button:

- Go to the dimmer you would like to delete, press (quickly tap) the top rocker of each dimmer 5 times to place in the program mode. A green light will flash above each rocker to confirm the dimmer is in the program mode.

- Go to the Deluxe Dimmer (or Tabletop Controller) with 4-buttons, press (quickly tap) the button you would like to edit (delete the dimmer from) eight times.

Helpful Hint: Five taps on the top rocker puts a dimmer in program mode, seven taps on a button adds a dimmer to a button, eight taps on a button deletes a dimmer from a button. To exit the program mode, quickly tap the top rocker two times.

Important Note: If you program a dimmer for a dimmable (incandescent or halogen) light bulb and later change to a compact florescent bulb that cannot be dimmed, go to the dimmer, press and continue to hold the top rocker until the compact florescent light reaches its brightest level, approximately 10 seconds. Place the dimmer in the program mode (quickly tap the top rocker five times). Go back to the Deluxe Dimmer, press the button you wish to re-program seven times.

Section 4: Simple-n-Easy Expansion for SimplySmart™ Series. Fully Compatible. Dimmer Starter Kit, Lamp Starter Kit, and Accessories -- Dimmers, Lamp Modules or Tabletop Controller.

Simply Automated Pre-Configured SimplySmart™ Series offers simple-n-easy expansion capability. Begin with the Dimmer or Lamp Starter Kit, add the other starter kit, (up to) 2 additional standard dimmers, Deluxe Dimmer with 4-buttons, (up to 2) additional lamp modules or Tabletop Controller with 4-buttons. One touch button convenience to turn ON/OFF up to ten Simply Automated dimmers or lamp modules – custom scenes you create!

Dimmer Starter Kit
Includes 2 dimmers and deluxe dimmer with 4-button scene controller (PN: DKIT-01).

Lamp Starter Kit

Includes 2 lamp modules and tabletop controller with 4-button scene controller (PN: DKIT-02)

Lamp Modules

PN: UML7   PN: UML8

Dimmers

PN: US1W8   PN: US1W10

Tabletop Controller
(with 4-button scene control)

PN: US2TP11

Deluxe Dimmer
(with 4-button scene control)

PN: US2W12

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

Add a Scheduler-Timer (PN: UCS-01) to automatically turn ON/OFF indoor or outdoor security lighting. Or to create night time convenience pathway lighting. Energy savings dimming feature (from 10%, 20%, 30%, 40%, to 90% dimming levels). Random 'vacation mode' setting. Built-in celestial clock computes sunrise and sunset. Calculates daylight savings time.

The Scheduler-Timer is easily and quickly programmed -- no PC connection is necessary. Just set the time, your location (using your zip code), the Network ID # (250), and you're ready to input on/off events using the ID # for each dimmer (each dimmer has a unique ID number). You can find the ID number on the front of each dimmer. For the Dimmer Starter Kit (DKIT-01), the single rocker dimmers have ID #1 and #2, the Deluxe Dimmer with 4-buttons has ID #3.

Section 5: In Case of a Problem
Phone: 760-431-2100 Ext..138 Monday-Friday 8AM-5PM (Pacific Time) for assistance.

Phase Coupler: 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. If you have tested the rockers for each dimmer, they work, but the buttons do not turn on all three dimmers, 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 options.

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

Installation Wiring Connection: The Pre-Configured SimplySmart^{TM} Series requires both a hot (black) and neutral (white) wire for installation. If the switch you plan to replace has only one hot wire (no neutral), you will need to utilize a Fixture Dimming Module (Model PN: UFD-30) from Simply Automated Custom Expansion Series, using UPStart software, a PC and Computer Interface Module (PN: UMC-USB). See Section 6.

3-Way or 4-Way Circuits: The dimmers for the Pre-Configured SimplySmart^{TM} Series are intended for installation on a circuit controlled by one switch/dimmer. If you would like to install dimmers on a 3 or 4-way circuit, you will need to use UPStart software, a PC and Computer Interface Module (PN: UMC-USB). See Section 6.

Network ID #: The default Network ID #setting for the Pre-Configured Series is **250**. This information is needed when using the Scheduler-Timer.

Section 6: Simply Automated Custom Expansion Series

Powerful Custom Expansion Capability – up to 250 devices – using your PC and UPStart software! 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/products/index.html

Simply Automated, Incorporated
6108 Avenida Encinas, Suite B, Carlsbad, CA 92011 USA
Technical Support: www.simply-automated.com or **800-630-9234**
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