# Simply Automated Incorporated

**Getting Started**

**Tabletop Scene Controller
with 4- or 8-Buttons**

| Model US2TP11 | Model USQT22 | Model US28OTP23 |
|---|---|---|

## 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<sup>TM</sup> Series

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

## 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.  Keep away from water.  If product comes into contact with water or other liquid, disconnect immediately.
3.  Never use products that have been dropped or damaged.
4.  Do not use this product outdoors.
5.  Do not use this product for other than its intended use.
6.  To avoid risk of fire, burns, personal injury and electric shock, install this product out of reach of small children.
7.  Do not cover the product with any material when in use.
8.  This product uses polarized plugs and sockets (one blade is wider than the other) to reduce the risk of electric shock.  These plugs and sockets fit only one way.  If they do not fit, consult a technician.  Do not use with an extension cord unless plugs can be fully inserted. Do not alter plugs.
9.  SAVE THESE INSTRUCTIONS.

## Section 1:  Very Important Pre-Installation Notes

- 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; especially homes > 2500 square feet or homes with more than 1 breaker panel.  See Section 5 for more information.
- Not intended for use in multi-dwelling (condo, apartment) buildings with 3-phase power.
- Do not reset to factory default configuration, pre-configured settings will be lost.
- UPStart software and a computer interface module or Scheduler-Timer can be used with a PC for customizing pre-configured units and checking performance.

## Section 2:  Installation of the Tabletop Scene Controller with 4- or 8-Buttons

Choose a convenient location (bedside, living room, great room) you would like to use and plug in the Tabletop Scene Controller.  You're done with the installation process!  If necessary, please refer to the User Guide enclosed in the product box, or see the relevant user guide (USQT)  http://www.simply-automated.com/documents/452-0050-0201_RevA_User_Guide_USQT_101122.pdf, (US2TP11, US28OTP23) http://www.simply-automated.com/documents/452-0008-0002_RevB_User_Guide_US28xTP_090512.pdf.

Testing the Tabletop controller using the 4- or 8-scene buttons.  Button 3 of the Tabletop Scene Controllers is programmed from the factory to turn on each Pre-Configured, SimplySmart<sup>TM</sup> device (dimmers, receptacles or lamp/appliance/fixture modules) you have already installed in your home at a 100% dim level.  Button 4 is programmed from the factory to turn off each device.

- Button 3 turns on/off each device (dimmers, receptacles or modules):  Press (tap) button 3 one time to turn on each device in your home, press and hold button 3 to dim lamp modules and dimmers, press (quickly tap) two times to turn off each device.

- Button 4 turns off each device (dimmers, receptacles or modules):  Press (tap) button 4 one time to turn off each device in your home.

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

You will need to add devices (dimmers, receptacles or modules) you have already installed in your home to button 1 and button 2 to create your own custom scenes.  See Section 3 below or 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.

# Section 3: Editing Buttons (Scenes) on Tabletop Controller with 4- or 8-Buttons

Each button on the Tabletop Controller controls a SCENE that can easily be edited from the factory pre-sets. You will need to add devices (dimmers, receptacles or lamp/appliance/fixture modules) to the buttons, except 3 and 4. Button 3 turns all devices ON/OFF; button 4 turns all devices OFF. You can change the dimming level or number of devices controlled by each button to create your own custom scenes!

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

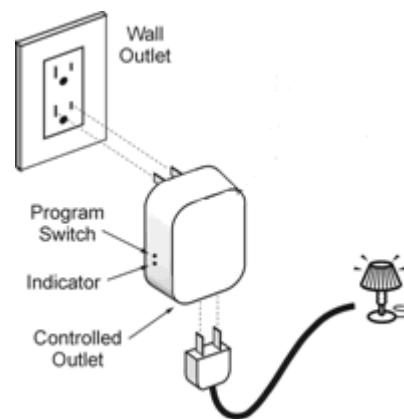### Section 3.a. Adding a Device to a Scene Button

**Button 1**. Button 1 is pre-programmed from the factory to turn ON/OFF dimmers, receptacles, and lamp/appliance/fixture modules. To add one of these devices to button 1:

- Go to the Tabletop Controller, press button 1 to activate the scene. Any devices you previously configured for this scene button should be ON. If a lamp in the scene is not lit, turn the lamp's ON/OFF switch ON.

   **CAUTION:** When programming a module, do not insert any metal object (paperclip) into the module while it is connected to power.

- Go to the device to be added and turn it ON.
   - For dimmers, turn ON by pressing the top of the rocker.
   - For lamp modules, turn ON using the lamp's on/off switch.
   - For appliance modules, press and hold the program switch (see illustration) using a non-metallic toothpick until the indicator flashes red. And then, press the program switch to toggle ON. Press and hold the program switch to stop flashing red indicator.
   - For receptacles and fixture modules, press (quickly tap) the program switch 9 times, the indicator will begin flashing. Then press the program switch to toggle ON. Press program switch two times quickly to stop indicator flashing.

- Go to the device to be added, press (quickly tap) the rocker or program switch 5 times to place in the program mode. For modules, use a non-metallic toothpick to press the program switch. The indicator will continuously blink green to confirm the module/dimmer is in the program mode.

- Go back to the Tabletop Controller, press (quickly tap) button 1 seven times. You have created a new scene by programming the module/dimmer from the factory pre-set dimming level.

*Helpful Hint: If tapping button 1 does not turn on a module, the lamp's switch or appliance's switch may be in the off position. Go to the lamp/appliance and turn on using the lamp's or appliance's ON/OFF switch, repeat the steps outlined above. Tapping should be done quickly ensuring contact is made from the button to the base sensor.*

**Button 2**. Follow the instructions outlined in Section 3.a. for Button 2, noting you will need to press (quickly tap) button 2 seven times to program the new scene. For the 8-button tabletop controller (model US28OTP23), buttons 1 and 2, as well as buttons 5 through 8, can also be programmed using the same method.

*Helpful Hint: Modules and dimmers will stay in the program mode for approximately 5 minutes. You can always confirm if the module/dimmer is in the program mode by checking for a blinking green indicator. If the indicator is not flashing green, to place in the program mode, quickly tap the dimmer's top rocker or modules program switch five times. To exit the program mode, quickly tap the rocker or program switch two times.*

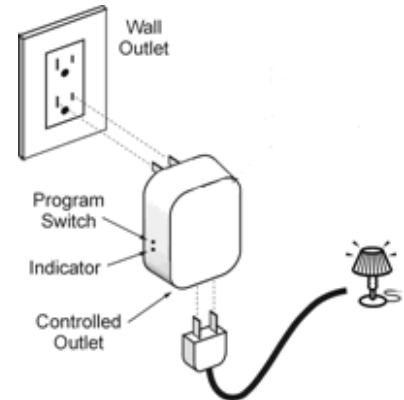### Section 3.b. Deleting a Device from a Scene Button

If you would like to edit a scene and delete a device (dimmer, receptacle or lamp/appliance/fixture) from any button:

- Go to receptacle or module, press (quickly tap) the program switch (see illustration) 5 times using a non-metallic toothpick to place in the program mode. For dimmers press (quickly tap) any button or rocker 5 times. The indicator will continuously blink green to confirm the module or dimmer is in the program mode.

    **CAUTION:** When programming a module, do not insert any metal object (paperclip) into the module while it is connected to power.

- Go to the Tabletop Controller, press (quickly tap) the button you would like to delete the module or dimmer from <u>eight</u> times.

*Helpful Hint: If you press (tap) a button and the device you deleted still turns on, repeat the two steps outlined above. Tapping should be done quickly ensuring contact is made from the button to the base sensor.*

*Helpful Hint: You may add or delete as many devices as you like at one time by putting them in the program mode at the same time. Note when adding devices to a scene or changing dim level in a scene make sure the scene is activated first (i.e. press the button 1 time), before changing dimmer levels or adding a device.*

### Section 3.c.  Adding or Editing Multiple Devices at the Same Time

You can add or edit multiple dimmers with custom dimming levels as well as multiple receptacles and lamp/appliance/fixture modules to each button at the same time. To add or edit the devices for buttons 1, 2, 5 thru 8.

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

**Button 1**.

- Go to the Tabletop Controller, press button 1 one time to activate the scene. Any modules or dimmers you previously configured for this scene button should be ON. If a lamp plugged into a lamp module in the scene is not on, turn the lamp's ON/OFF switch ON.

- Go to each dimmer you would like to add or edit, press and hold the top rocker to the desired dimming level. And, go to the other devices you would like to add or edit and turn them ON:
    - For lamp modules, turn ON using the lamp's on/off switch.
    - For appliance modules, press and hold the program switch (see illustration above) using a non-metallic toothpick until the indicator flashes red. And then, press the program switch to toggle ON. Press and hold the program switch to stop flashing red indicator.
    - For receptacles and fixture modules, press (quickly tap) the program switch 9 times, the indicator will begin flashing. Then press the program switch again to toggle ON. Press program switch two times quickly to stop indicator flashing.

- For dimmers (or modules) that are to be added to the scene press (quickly tap) the top rocker of each dimmer (or program switch of each module) to be added 5 times to place in the program mode. A green indicator light will flash above each dimmer rocker or next to the module's program switch (for 5 minutes or until programmed) to confirm the device is in the program mode.

- Go to the Tabletop Scene Controller with 4-buttons, press (quickly tap) button 1 seven times. Button 1 will now turn ON/OFF all dimmers and modules 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!

*Helpful Hint: Lamp modules can also be added and edited in the same way. However changing the dim level of the lamp module by pressing and holding a Tabletop Controller button may change the dim level of other devices in the scene. To set the dim level of one or more lamp modules, first adjust the lamp module (dim) level by pressing and holding the Tabletop Controller button 3 to the desired dim level for the lamp module. Once at the desired (dim) level unplug the lamp module. Then adjust the next lamp module in the same way, unplugging the module after achieving the desired level. When all lamp modules have been adjusted and are still unplugged, press the scene button to be edited one time activating all devices that are in the scene and powered, then plug in the lamp modules. The lamp modules will resume at the dim level they were when unplugged. If any new dimmers or modules need to be added to the scene turn them ON to the desired level, then put them in program mode by tapping the program switch (or any button or rocker on a dimmer) 5 times, the indicator will flash green to confirm the dimmer/module is in program mode. With all the dim levels adjusted and new dimmers/modules to be added in the program mode, press the Tabletop Controller's scene button to be edited 7 times quickly to save the scene.*

**Important Note: If you program a dimmer (or lamp module) for a dimmable (incandescent or halogen) light bulb and later change to a compact florescent bulb that cannot be dimmed, press the scene button to activate the scene. Go to the dimmer, press and continue to hold the top rocker until the compact florescent light reaches its brightest level, approximately 10 seconds. Or for lamp modules, press and hold the scene button for 10 seconds. Then unplug the lamp module, press the scene button to be edited so all other devices are ON at their desired levels. Plug the lamp module back in, it should resume the 100% level you adjusted. Go back to the scene button to be edited, press the button you wish to re-program seven times.**

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

**Important Note: Buttons 1 and 2 operate independently for the Tabletop Scene Controller Accessories (model USQT22, US2TP11 and US28OTP23) and the Tabletop Controller included with the Lamp Starter Kit (model DKIT-02) allowing one touch button control of more than 14 unique custom scenes. Create one scene for button 1 of the Tabletop Controller Accessory (model USQT22) and a second scene for button 1 of the Tabletop Controller from the Lamp Starter Kit (model DKIT-02). Create a third scene for button 2 of the Tabletop Controller Accessory (model USQT22) and a fourth scene for button 2 of the Tabletop Controller from the Lamp Starter Kit (model DKIT-02). And, the 8-button Tabletop Controller (model US28OTP23) has 6 independent buttons (1, 2, 5, 6, 7 & 8) available for custom scene control.**

**Buttons 3 and 4**. Button 3 is programmed from the factory to turn on all modules and dimmers at a 100% (dim) level. Button 4 is programmed from the factory to turn off all modules and dimmers. We recommend not editing these buttons since all devices (up to ten or more dimmers/modules) in the Pre-Configured SimplySmart™ Series have similar 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 Tabletop Controllers with 4- or 8-buttons and Deluxe Dimmer with 4-buttons. Examples include entering a home (button 3 for ALL ON), leaving a home (button 4 for ALL OFF), bedside for security and nighttime convenience (button 3 for ALL ON or button 4 for ALL OFF).

**Editing Buttons 3 and 4**. Button 3 is programmed from the factory to turn ON/OFF all appliance modules, dimmers and accessories. Button 4 is programmed from the factory to turn OFF all devices. These buttons can be edited using the procedures for buttons 1 and 2: add a device Section 3.a, delete a device Section 3.b, adjusting dimming levels Section 3.c.

To make button 3 available for an independent scene and edit button 4 so that it turns all devices ON/OFF (instead of just off):

- Go to the Tabletop Controller, press button 3 one time to activate the 'All ON' scene. Any modules or dimmers configured for this scene button should be ON. If the lamp light is not lit, turn the lamp's ON/OFF switch ON.

- Press (quickly tap) button 4 seven times to store the 'All ON' levels. The modules and dimmers will turn off and back on indicating the level was stored.

- To test, press (quickly tap) button 4 two times to turn OFF all modules and dimmers, then press button 4 one time to turn ON all modules and dimmers. Congratulations you have created a new scene! Button 3 is now available to edit for another scene and you can still turn all devices ON/OFF with button 4.

*Helpful Hint: The Tabletop Controller can inadvertently be placed in the program mode by tapping button 1 five times. The indicator above button 1 will continuously blink green for five minutes. To exit the programming mode, quickly tap tabletop controller button 1 two times.*

## Section 4: Simple-n-Easy Expansion for SimplySmart™ Series. Fully Compatible. All Starter Kits and Accessories -- Dimmers, Tabletop Controllers, Controlled Receptacles, Lamp, Appliance and Fixture Modules, plus Scheduler-Timer.

Simply Automated Pre-Configured SimplySmart™ Series offers simple-n-easy expansion capability. Begin with the Dimmer or Lamp Starter Kit, add other starter kits, additional standard dimmers, additional Deluxe Dimmers with 4-buttons, additional modules, Tabletop Controllers with 4 or 8-buttons or any of the other pre-configured kits or accessories. All the pre-configured kits and accessories can be edited and added to scenes as previously described – only limitation being not more than one of each model number or kit number per installation. One touch button convenience to turn ON/OFF up to ten or more Simply Automated devices – custom scenes you create!

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



**Lamp Starter Kit**
Includes 2 lamp modules and tabletop controller with 4-button scene controller (model: DKIT-02)



**Landscape Relay Starter Kit**
Includes 2 relay modules and scheduler-timer (model: DKIT-05)



**Landscape Dimmer Starter Kit**
Includes 2 standard dimmers and scheduler- timer (model: DKIT-06)

## Lamp (Dimmer) Modules

UML7        UML8

## Appliance (Relay) Modules

UMA25        UMA26

## Dimmers

US1W9        US1W10

## Tabletop Controllers
(with 4-button, 4-button with LEDs
 or 8 –button scene control)

US2TP11    USQT22    US28OTP23

## Controlled Receptacles
(top outlet controlled, bottom
outlet always on)

URD27        URD28

## Deluxe Dimmer
(with 4-button scene
 control)

US2W12    US2W24

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

Add a Scheduler-Timer (model: 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 gives a home the lived in look.  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 device ID # for each dimmer (each dimmer and module has a unique device ID number).  You can find the ID number on the front of each dimmer or on the back of each module.  For the Accessories (E.g. UML7, UMA25, US1W9, US2W12, etc...), the number digits at the end of the model number indicate the device ID#.  For example the accessories listed above have device ID#s 7, 25, 9, and 12, respectively.

## Section 5:  In Case of a Problem

Phone: 760-431-2100 Ext. 138 Monday-Friday 8AM-5PM (Pacific Time) for assistance or write Support@Simply-Automated.com.

**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; especially homes > 2500 square feet or homes with more than 1 breaker panel.  If you have tested the buttons for each lamp module, but one or more of the lamp modules do not turn on, the circuits in your home may need phase coupling or phase alignment.  All homes have a 240V feed to the main breaker panel box, where the 240V is separated into 120V in two phases, an A and B.  You will need to install a phase coupler, or use dimmers and modules on one phase (align or move lighting circuits, at the breaker, that have these dimmers and modules to either phase A or B, not both) see http://simply-automated.com/products/cats/phase_couplers.php for options.

| Model # | Description |
|---------|-------------|
| ZPCI-P30A | Plug-In Inverting Phase Coupler, fits a standard (NEMA 10-30) 240VAC / 30 Amp clothes dryer type outlet |
| ZPCI-P50A | Plug-In Inverting Phase Coupler, fits a standard (NEMA 10-50) 240VAC / 50Amp clothes dryer type outlet |
| ZPCI-W | Wire-in Inverting Phase Coupler |
| ZPCI-B | Breaker Panel Inverting Phase Coupler |

**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/products.php

Simply Automated, Incorporated
6108 Avenida Encinas, Suite B, Carlsbad, CA  92011 USA
Technical Support: **www.simply-automated.com** or **800-630-9234**
452-0050-0222 Rev. A    Revised: September 23, 2011