



UPB Tabletop Pedestal Controller Base Model US2TP

US2TP-W & US2TP-BK



FUNCTION

Model US2TP Tabletop Pedestal Controller Base, when fitted with any one of 13 available faceplates, remotely controls the operation of Universal Powerline Bus (UPB) devices over the power wiring. Pressing rockers or buttons on the controller sends UPB lighting scene-links to other UPB devices, such as plug-in lamp (dimmer) and appliance (relay) modules, wire-in fixture and receptacle modules and UPB wall switches. Controllers and modules can be freely located anywhere in the home. In large homes (> 2500 sq. ft.) installation of an inverting phase coupler (ZPCI Series) is recommended in primary and secondary breaker panels with circuits powering UPB devices. No additional wiring is required and no radio frequency signals are used.

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, unplug 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 cloth, paper or any material when in use.
8. This product uses polarized plugs and sockets (one blade is wider than the other) as a feature to reduce the risk of electric shock. These plugs and sockets fit only one way. If they do not fit, contact a qualified technician. Do not use with an extension cord unless plugs can be fully inserted. Do not alter or replace plugs.
9. SAVE THESE INSTRUCTIONS.

INSTALLATION

The US2TP Tabletop Controller Base is designed for indoor use. After installing the required faceplate (sold separately), simply plug the controller into a standard receptacle outlet anywhere in the home. Once configured, moving the controller to another outlet, or a loss of power, will not alter any configured functionality or lighting scene links.

To attach a faceplate and install a US2TP Series Tabletop Pedestal Controller, a Phillips screw driver is required:

1. Carefully remove the two screws from the back of the pedestal.
2. Lift off the top cover (lid) without removing the switch from the bottom of the housing.
3. Using the desired faceplate, hold on to the faceplate assembly so that the clear plastic light pipe (LED) on the controller fits nicely into the recess on the top of the faceplate.
4. Align the four prongs on the side of the faceplate assembly with the four slots on the switch body.
5. While squeezing the prongs on both sides, press the faceplate into the switch body. Ensure that all four prongs are fully inserted and latched into the switch body. If all four prongs are not fully latched, the rocker/button plungers may not function properly.
6. Exercise each rocker/button several times to ensure proper seating and operation. If there rocker or button doesn't operate properly, remove and reinstall the faceplate to check proper seating and operation.
7. Install front cover (lid) of the pedestal, over the faceplate & switch, to the base of the pedestal. From the bottom of the pedestal, insert the two (6/32 x 1 1/4) screws through the two screw holes. Tighten screws lightly (i.e. do not over tighten) to 3 Inch-pounds.
8. Plug the Tabletop Pedestal Controller into any standard receptacle.
9. Add the Controller to the UPB network using UPStart software and an interface module, then configure lighting scene links as desired for each rocker or button.
10. Once the US2TP is configured, it can be unplugged and moved anywhere in the home without losing its configuration. The Tabletop Controller is easy to manually modify scene links after initial configuration.

To remove the faceplate, once the top cover of the pedestal has been removed, do the following:

1. Using the thumb and index finger, press the top two prongs of the faceplate assembly inward so that they unlatch from the controller body.
2. Press the two lower prongs inward and pull the faceplate assembly away and slightly downward from the controller body, moving it away from the clear plastic light pipe.

CONFIGURATION

Configuration requires UPB setup/configuration software, called [UPStart](#), and a model [UMC](#) Computer Interface Module. Before using UPStart configuration software, be sure to download the latest version from the Simply Automated website.

The US2TP is configured with factory default settings (see next page) for an 8-button faceplate. In some cases, pre-configuration may have been performed by a dealer or distributor providing specific button functionality for scene-linked devices "out-of-the-box".

Initial configuration in UPStart includes: naming the room, naming the device and selecting the faceplate (e.g. model ZS28x). Once the device is added to the UPStart network the Options should be changed to enabling the US2TP to transmit scene-links from every rocker/button

position. Scene-links for each rocker/button are added via the Transmit Component table in UPStart, or once initial configuration is completed using UPStart, a manual configuration is available (see below).

The table below describes any pre-configuration that may have been performed to the Transmit Components on the US2TP by your installer:

Button	Linked Device	Press	Function
#1		Once	
		Twice	
		Hold	
#2		Once	
		Twice	
		Hold	
#3		Once	
		Twice	
		Hold	
#4		Once	
		Twice	
		Hold	
#5		Once	
		Twice	
		Hold	
#6		Once	
		Twice	
		Hold	
#7		Once	
		Twice	
		Hold	
#8		Once	
		Twice	
		Hold	

Notes: Recommend 'Super Multi-Button' Mode; one button push is scene-link ON, two button pushes is scene-link OFF, press and hold dims scene-link up/down.

SETUP MODE

When configuring devices with UPStart, it is necessary to place the US2TP in SETUP mode, initiating self-identification on the powerline. To place the US2TP in SETUP mode, tap quickly any button 5 times consecutively. The LED indicator will continuously blink GREEN when the unit is in SETUP mode. Press any button 2 times consecutively to exit SETUP mode.

MANUAL SCENE CREATION & MODIFICATION

Once the US2TP has been initially configured and the Option set to 'Transmit Enabled' for each rocker/button, it is possible to make scene changes without configuration software.

- To create a scene for one of the US2TP actuators (e.g. rocker or button 1), set all devices to be included in the scene at the desired light levels and then place them in SETUP mode. Tap the desired scene actuator button on the US2TP exactly 7 times to create the scene and store the light levels.
- To add a device to an existing scene, activate the scene and set the light level on the device to be added. Place the device to be added in SETUP mode and tap the scene actuator on the US2TP exactly 7 times to modify (add the device to) the scene.
- To remove a device from an existing scene, place the device to be removed in SETUP mode. Tap the scene actuator on the US2TP exactly 8 times to modify (remove the device from) the scene.

- To change light levels on an existing scene, set the levels as desired and put those devices into setup mode, then tap the scene actuator on the US2TP exactly 7 times to modify the scene.

OPERATION

Unless otherwise configured, button actuators behave as follows:

Button Event	Super Toggler Action	
	...button will alternate between...	
Single-Tap	Brighten to 100% at Default Rate	Fade to 0% at Default Rate
Double-Tap	Snap to 100%	Snap to 0%
Hold	Start brightening to 100% at Default Rate	Start fading to 0% at Default Rate
Release	Stop brightening and hold current level	Stop fading and hold current level

The US2TP is configured from the factory such that the actuator(s) function as transmitters to other UPB devices. See illustration at right for actuator numbering examples.



- When linking a US2TP to a UPB Switch, Receptacle, Appliance Module or Fixture Relay Module, the pushbuttons must be configured to toggle the load ON and OFF, or single-tap ON and double-tap OFF.
- When linking the US2TP to a UPB Switch or Module, the connected load can be controlled according to the table above, where pushbuttons are configured as "Super Toggler" in UPStart. **They can also be configured as "Super Multi-Button" which sets all single-taps to Activate, all double-taps to Deactivate. Hold and Release are as the table above.**

UPB FACTORY DEFAULT SETTINGS

To restore the following default settings, place the US2TP in SETUP mode (5 tap, green LED flashes), then tap any actuator exactly 10 times. The indicator will continuously blink BLUE. Tap the actuator twice again to exit SETUP mode.

Network Name	"Network 1"	
Room Name	"New Room Name"	
Device Name	"New US2-40"	
Unit ID	29	
Network ID	255	
Network Password	1234	
Button 1 Top	Transmit Link	241 (internal)
Button 2 Bottom	Transmit Link	241 (internal)
Button 3 Top	Transmit Link	11 (internal)
Button 4 Bottom	Transmit Link	241 (internal)
Buttons 5 & 6	Transmit Link	1
Buttons 7 & 8	Transmit Link	10
Receive Links	1 (ON), 2(OFF) and 241 (internal)	
Options	Transmit Disabled	Buttons 1-4
	Transmit Enabled	Buttons 5-8