



## DOMOSAPIENS MULTI-EXPERIENCE BUTTON DRIVER

This driver enables you to control a set of 1, 6, 12 or 24 Experience Buttons and optionally provides double- and triple-tap capabilities with events.

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### OVERALL DESCRIPTION AND CAPABILITIES

This driver offers a very different approach to Experience Buttons. There are four versions of the driver: single button, 6 buttons, 12 buttons and 24 buttons for maximum flexibility. One of the many possible uses is with PDUs (Power Distribution Units) where the buttons would show at a glance the status of each outlet. The driver may also be used, for example, to provide feedback from security zones or show the state of relays.

Experience Buttons may now be single-, double- or triple-tapped giving the user even more flexibility. Colors (states) are very customizable and the driver offers a comprehensive set of events for programming. The buttons may 'interlocked' in different groups to allow one button press within a group to turn Off the other buttons in the group.

It is also possible to generate CONTACT\_SENSOR and/or RELAY bindings for connection to control bindings which would provide status to set colors. These are for INPUT only and cannot be used to control devices. Use programming on events to do this from Experience Buttons.

**\*\*NEW IN V14\*\***: It is now possible to change Experience Button Names using driver properties. This makes the driver Composer HE-friendly.

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### INSTRUCTIONS

- Use the free trial period or activate the driver at any time by assigning to this project the license you purchased from the driverCentral website (requires the driverCentral cloud driver). You may use multiple copies of this driver in your project.
- **\*\*NEW\*\*** You may rename Experience Buttons using driver properties. This is the recommended way, If, however, you rename button devices directly in the System Design tab, these names will be picked up by one of three operations: when you rename any other button from the same driver using its 'Button x Name' property OR when you run the Action 'Reload Device Names' OR when you restart the controller. When renaming a button, always remember to Refresh Navigators.
- If you wish to have the Experience Button immediately switch to a given state when Selected, specify 'Set State when Single Tapped'. This is also where you specify a toggle operation.
- If you are NOT planning to use double or triple presses with any button of THIS driver, then specify 'Set State when Double Tapped' to 'Double Tap Not Supported'. This will allow for a more responsive control when pressing a key. Otherwise, the driver will wait for the MultiPress interval in case you might double tap (or triple tap – see below).

- If planning to use double presses but NOT planning to use triple presses with any button of THIS driver, then set 'Set State when Triple Tapped' to 'Triple Tap Not Supported' (property only visible when appropriate). This will allow for a more responsive control after the second press. Otherwise, the driver will wait for the MultiPress interval in case you might triple tap.
- If you wish some buttons to be 'interlocked' with other buttons (this is not available with the 1-button driver), specify button groups in the 'Interlocked Buttons' property. For the 6-button driver, you may specify up to 3 groups and up to 6 and 12 groups respectively for the 12-button and 24-button drivers. Separate each group with a semicolon (;) and specify each group as a sequence and/or range of buttons. Example: 1-3;6,8-10;11-12 defines 3 groups. The first group includes buttons 1 to 3, the second group includes buttons 6 and 8 to 10, the third group includes buttons 11 and 12. Each group operates independently and in this example, pressing button 2 will force buttons 1 and 3 to the Off state. Similarly, pressing button 6 will force buttons 8, 9 and 10 to the Off State and pressing button 12 will force button 11 to the Off state. Leave the 'Interlocked Buttons' property blank if interlocks are not used.
- If required, use the Action 'Set Button Timings' to change the default MultiPress interval (defaults to 1500 msecs). Generally, the default will be adequate.
- If you wish to use RELAY and/or CONTACT sensors to force specific states, set the 'Control Input Connections' property accordingly and adjust the corresponding 'Set State' properties.
- Use the 'Set Button State' Action as appropriate to force buttons to specific states. It is also possible to force buttons in ALL other instances of this driver in your project from a single Action. This could simplify installation in some cases.
- **\*\*NEW\*\*** A property allows you to specify that buttons are restored to their most recent state in the event of a reboot or Director restart. Otherwise, buttons are initialized to their OFF state.
- Use Composer to make any or all of this driver's Experience Buttons visible in any room of your project. When finished, Refresh Navigators.

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## PROGRAMMING

Each Experience Button has a 'Selected' event. This event is triggered each time the button is pressed by the user. Hence, in the Triple Tap available with this driver, the event will be triggered three times, which could be problematic. Instead, use the new events based on 'Single Tap', 'Double Tap' and 'Triple Tap'.

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## SUPPORT

For support on this driver please go to <https://help.drivercentral.io/>. Give a detailed description of the problem and also include the version number of the driver and the version of Control4 OS that you are using.

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## AUTO UPDATE

This driver is updated with fixes and new features from time to time. To ensure your project uses the latest version, set the Automatic Updates property of the driver to On.

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## CHANGELOG

10.0.0	January 9, 2018	Initial Release
10.1.0	November 28, 2018	Added connection and property to control Lights, issue with 'wait' fixed
11.0.0	May 3, 2019	Infrastructure update
12.1.0	October 25, 2019	Toggle capability added, ability to skip feedback and issue fixed when using Triple Press, issue fixed with product number
13.0.0	November 7, 2019	Interlock facility added, issues fixed , including missing icons for 1-button, 6-button and 24-button drivers
13.1.0	March 7, 2021	Added Action to refresh Relay and Contact Sensor states, licensing update
13.1.1	August 24, 2022	'OFF' event was not fired in all cases
14.0.0	November 20, 2022	Ability to change Button names using driver Properties
14.1.0	January 31, 2023	Added option to restore state after restart
14.1.1	June 17, 2023	Issue fixed with state restore