

Anywhere Series How to Create an All On/Off With US2-V0

The US2-V0 Anywhere Switch is very flexible. It can support any one of three faceplates and control up to 4 separate lighting zones, using the 4 available communication channels. It is important to know that channel #2 is dedicated to local load control (the output circuit wire) for the US2-V0. So, if more than one US2-V0 is installed in a home, the rocker #2 will control all US2's local loads. The available models (with rocker channel numbers shown) are below:



US2-V02



US2-V03



US2-V04

Since the faceplates are removable you can easily change color from white to almond, or black, or brown or ivory, or light almond. You can also swap faceplates to change and expand channel control. For example, the 2-rocker faceplate (ZS22) can be removed and replaced with either the three (ZS23) or four (ZS24) rocker faceplate. An easy upgrade for more channels and more lighting zone control.



US1-V0
Switch



UFR-V0
Wire-In Relay



URD-V0
Receptacle



UMA-V0
Plug-In Relay

The Anywhere Accessories (above) can be controlled on any channel (default is channel 1). To change the channel of an Accessory, just press and hold the rocker or button for about 10 seconds, until the LED indicator flashes green - then release. Now, with the LED flashing tap/press the rocker or button 2-times quickly for channel #2 (or 3- or 4-times quickly for channel 3 or 4). Any number (and any type) of accessories can be controlled by one or... more channels.

Given that Anywhere Switches and accessories can be controlled by one or more channels, here is how the All On/Off function for Anywhere Accessories can be set with a US2-V04.



US2-04
Patio Switch



UFR-V0
Fountain
Channel 1



UMA-V0
Garden Lighting
Channel 3



US1-V0
Pool Lighting
Channel 3

For “All On/Off” a typical application might be that the US2-04 is going to be used at the patio door, at the back of the home. The US2-V04 could replace the existing patio door light switch. The top rocker (#2) would then control the connected load (patio light). A fountain could be controlled with a UFR, wire-in, fixture relay module; noting the junction box would need to be enclosed with a weather tight cover. The UMA relay module will fit nicely inside most outdoor lighting transformers, where the transformer plugs into the bottom outlet (top outlet always on). Now the US1 can replace the existing pool light switch. It would allow the pool lights to be turn on/off manually with the rocker. It too would need to be protected from moisture; a gasketed outdoor wall-plate with a Decora rocker cover could be used.

With the devices installed and powered (be sure to follow installation instructions, especially for the switches), the rocker #1 could be used for a quick test as all Anywhere Accessories are on channel 1 straight out of the box (factory default).

*Pressing the top of rocker 1 should turn on the fountain, garden lights and the pool lights all together. Pressing the bottom of rocker #1 should turn them all off. And, rocker #2 will turn on/off the patio light.

Setting the UMA and US1 for channel 3 is easy. As described previously, just press and hold the button or rocker of the UMA or US1 until the LED blinks green, and then (3) tap in channel #3. Now rocker 3, will control the garden lights and the pool light. Rocker 1 will now only control the UFR. The UMA and US1 should not turn on/off with rocker #1.

Now for the “All On/Off” trick with the US2... First turn on all the accessories by pressing the top of rocker 1 and then the top of rocker 3. Check to make sure they are all on. With the fountain, garden lights and pool lights all on, go to each accessory (UFR, UMA and US1) and tap their button or rocker 5 times quickly (setup mode), so each of their LED indicators are flashing (green). They will remain flashing for up to 5 minutes. Now go to the US2-V04 and tap the top of rocker 4, 7-times quickly. You should see all the lights flash off and then back on. Now press the bottom of rocker 4, and the fountain, garden and pool lights should all turn off. Press the top of rocker 4 and they should all turn on. You have now created an All On/Off function for rocker #4. And see, you can still control the lighting zones individually with rockers 1, 2 and 3.

The All On/Off function can be used in many different situations. You could have a room with various lamps and lights turn on/off individually and have one rocker turn them all on/off. Or you might want to be able to turn on/off all the flood lights around a home for added security. If something goes ‘bump’ in the night, you can quickly turn on all the Anywhere switches and accessories (Note: most motion sensor lights turn on, if they are turned off and then back on).

The Scheduler-Timer (model UCS-V0) is another way to enable “All On/Off” (add the US2-V04 to the All On/Off function above). It has 8 channels to manually or automatically control Anywhere switches and accessories.

* If all devices are not being controlled by the rockers, and they are all set for the proper channels, there could be a communication issue (low signal strength). This is usually solved by either phase alignment or phase coupling. Phase alignment is where circuit breakers or their wires are swapped in the breaker panel, so all Anywhere devices are on the same phase (either all on phase A, or phase B). If phase alignment is not feasible, then a phase coupler can be installed (see models ZPCI). Without phase alignment or coupling, signals on opposite phases will need to travel out of the house (on one phase) to the street side transformer and then come back in the house on the opposite phase.