

## Anywhere Virtual Fixture (Relay) Module

Add to (control with) Anywhere Virtual 3-Way Switch Kit or Virtual Accessory Switch for virtual 3-way remote lighting/load control. A professional grade, 12 Amp relay module, for remote control of lighting, appliances, low-voltage transformers and fan/pump motors.

### FEATURES/BENEFITS

- **Remote lighting control anywhere on the property**
  - Simple, cost effective alternative to running new wires
  - Controlled by Anywhere Virtual Accessory Switch (US1-V0) or Scheduler-Timer (UCS)
  - Easily changed for any one of 4 channels
  - No limit to the number of modules on a channel
  - Communicates over 1000 feet and between 2 split phases
  - No traveler wires or batteries required
- **Simple to use and very reliable**
  - Press top/bottom of US1-V0 switch rocker to turn on/off the switch's local load and any number of Anywhere accessories
  - Four channels for communication, allows up to 4 separate lighting zones around the home & avoids interaction with neighbor's switches/modules
  - No programming required, simply press/hold button to change channels – when LED flashes tap in channel number (1-4)
  - Use Scheduler-Timer to automatically control modules, switches & channels based on time, day and celestial sunrise/sunset
  - Use Scheduler-Timer to set '5<sup>th</sup>' channel capability – enables individual module/channel control and All On/Off
  - Advanced powerline communication technology – transmits over 1 mile on a 14 gage wire circuit.
- **Typical applications**
  - Use Anywhere Switch (US1-V0) to control local load - room/ceiling/ porch lights, and the fixture module... for circuits connected to light fixtures, outlet-receptacles, work bench, landscape lighting, holiday lighting, fountains, pump/fan motors, etc...
  - Use Scheduler-Timer (UCS-01) to automatically or manually turn On/Off Anywhere switches and accessories, even automate random vacation lighting to give a home the 'lived in look'
  - Controls incandescent, fluorescent, halogen, LED, magnetic and electronic low-voltage lighting transformers & ballasts
  - Remotely control room, basement, garage, barn, driveway, pathway, security, yard and dock lighting, as well as motor, pump, fan and appliances up to 12 Amps

The Anywhere Fixture Module is compatible with Simply Automated's "Anywhere" switches, accessories and the Scheduler-Timer (UCS). It is **not compatible (will not talk to or work) with any of Simply Automated's PC-Configured, Pre-Configured, SimplySmart™, or other UPB or UPstart configured product solutions.**



Anywhere Virtual Fixture (Relay) Module  
Junction box mount or break away ears for tighter fit  
6" stranded #14 AWG wire connections, requires hot and neutral  
Model: UFR-V0

### DESCRIPTION

**Model UFR-V0** The Anywhere Virtual Fixture (relay) Module is a professional grade wire in relay module that delivers up to 12 Amps of (120VAC) power. It is a high quality on/off module that has been used for years in tens of thousands of applications. It is remotely controlled by one, or more, Anywhere Switches (model V3WAY-A or US1-V0) and can be automatically or manually controlled with the Scheduler-Timer (model UCS). The UFR-V0 is one of a series of compatible accessories to the Anywhere Virtual Accessory Switch (US1-V0), which include controlled receptacles (URD-V0) and the plug-in appliance relay module (UMA-V0).

The UFR-V0 is typically used to conveniently add secondary lighting or load control. When a standard mechanical wall switch is replaced with the Anywhere Switch (US1-V0), the switch will control the existing (wired) primary lighting circuit (1 Watt Min., 900W Max.) and the fixture module or any number of Anywhere accessories. Examples of a wall switch's primary lighting circuit are ceiling, porch, chandelier, flood and canned lighting. Thus, when entering/existing a room the US1-V0 will turn on of the connected primary light/load and the added (secondary) UFR-V0 circuit and its connected light/loads. As many UFR-V0 units as desired can be added. If more than one set of Anywhere controls are needed, there are 4 channels from which to choose for 4 separately controlled lighting zones.

The most popular UFR application is adding controlled lighting circuits when remodeling a kitchen, bathroom or garage/workshop. It can also be connected to receptacles for automatic control of landscape water features, lighting transformers and holiday lighting, on a schedule, with the help of model UCS Scheduler-Timer. The UFR can mount in any standard junction box and the mounting ears can be broken away for a tighter fit. The Scheduler-Timer can be set to turn the UFRs on/off based on: day of the week, time of day, sunrise and sunset and channel. Four (4) zones of lighting can be automatically and simultaneously controlled with the scheduler-timer using the 4

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available communication channels. The scheduler-timer maintains event time, even after power outages or change of seasons (daylight savings time). The two together ensure accurate time control events since the Scheduler-Timer uses location (zip code or latitude/longitude) to calculate sunrise and sunset and a real-time clock to maintain time (up to one week) in the event of a temporary power outage. The benefit is once the schedule is set it never needs to be adjusted for change of seasons or temporary power outages.

**How it works** is easy. The UFR-V0 and all electrically wired devices should be installed by a qualified electrician following the installation instructions in the [User Guide](#). Before installing in a junction box, simply wire-nut power to the module (hot and neutral connections required) and connect the light/load circuits that need to be controlled to the output (brown) load wire. Replace an existing light switch with the Anywhere Virtual Accessory Switch, model US1-V0 (hot and neutral wire required). Press the top of the US1 switch rocker to turn on the switch's (wired) load and the UFR at the same time. Press the bottom of the rocker to turn off the switch and UFR. That's it! If more UFRs need to be controlled by the US1-V0, just wire them in. If separate control of a second, third or fourth set of US1-V0 and UFR-V0 is needed, then simply select a different channel. Change channels by pressing and holding the rocker on the US1 or button on the UFR-V0 until the LED indicator flashes green. Then tap the rocker or button 2, 3, or 4 times to choose channel 2, 3, or 4. Factory default is channel 1. That's it!

If the Scheduler-Timer will be turning the channels On/Off, simply set the time, date, day of the week, location (zip code) and the network number to 249. Then set event times for channel 1, or all 4, using the 'LA' event mode. The scheduler timer will turn On/Off each channel based on the set time, or sunrise, or sunset, and the days of the week you choose. Lights and anything else connected, we be controlled automatically without the need to manually turn them on or off. And, of course they can still be turn On/Off manually with the Scheduler-Timer or via Anywhere Virtual Accessory Switches.

**The technology** is field proven and very reliable. The professional grade Anywhere Series employs Simply Automated's advanced powerline communication technology. This technology is safe and reliable. It has no radio frequency (RF) emissions, and is used reliably in tens of thousands of homes with no adverse affects to appliances, stereo equipment, ham radios, cordless phones, wireless RF modems/devices, computer equipment or other home automation technology like the much less reliable X10. In fact the technology is employed in freeway bridge applications spanning over a mile. The Anywhere Virtual Fixture Module is compatible with Simply Automated's "Any-

where" switches and accessories, which include Anywhere Virtual Accessory switches (US1-V0 / V3WAY), controlled receptacles (URD-V0) and appliance module (UMA-V0).

## SPECIFICATIONS

**Power:** 120VAC +/- 10%, 60Hz (GFI/AFI compatible)

**Max Load:** 120 VAC, 12 Amps or 1/3 HP motor

**Controlled Output:** 120 VAC, contact closure

**Connections:** #14 AWG stranded wire, 6"; Black-AC Line, White-AC Neutral, Brown-AC Output (controlled)

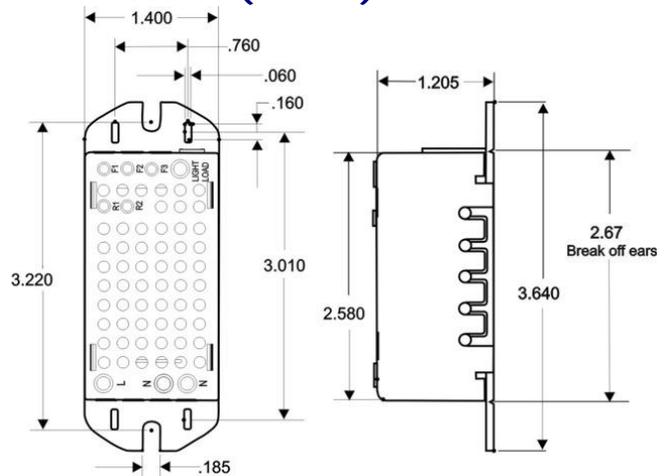
**Operating Temperature:** 30 to 120°F (0-50°C)

**Dimensions:** 3.6"H x 1.4"W x 1.2"D (91 x 36 x 30 mm)

**Weight:** 3.2 Oz. (90g) Net, 4.8 Oz. (136g) Gross

**Mounting:** Standard outlet box; screw or ties can be used to mount in other locations. Mounting ears break away for compact installations.

## DIMENSIONS (Inches)



## Anywhere Virtual Accessory Switch (US1-V0) - Circuit Requirements

- Hot and neutral (black and white wire) power connections are required at US1-V0 switch locations.
- Controls incandescent, fluorescent, halogen, LED, magnetic and electronic low-voltage lighting transformers & ballasts (1 Watt Min., 900 Watts Max.). Ballasts for 120VAC Metal-halide or Mercury/Sodium fixtures may need to be isolated (see model: ZNF10A). Controls 120VAC/60Hz motors up to 7.5 Amps Max.
- Up to 4 sets of Anywhere switches or accessory modules can be used in the home separately, using the 4 available communication channels.
- To each of the 4 channels, any number of accessory modules and Anywhere switches (US1-V0, V3WAY) can be added, for 4-way, 5-way or more way control, to each of the 4 channels.
- Easiest (best) installation if both switches/modules are on the same circuit (breaker).
- Easier (better) installation if switches and modules are on different breakers of the same phase power (both switches and modules on phase A, or phase B breakers).
- Easy (good) installation when a phase coupler (model ZPCI) is connected between phases A & B, if Anywhere Switches or Modules are on different phase circuits. Especially if the home is greater than 2500 Sq. Ft. or circuits are on opposite phases in different breaker panels (see user guide for more details).
- Do not use in 3-phase (commercial/condo) power applications unless switches are on the same breaker or phase.



**Anywhere On/Off Switch**  
**Model: US1-V0**

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