



# LUTRON DVRF-AS Smart Accessory Switch Installation Guide

[Home](#) » [Lutron](#) » LUTRON DVRF-AS Smart Accessory Switch Installation Guide

## Contents [ [hide](#) ]

- [1 LUTRON DVRF-AS Smart Accessory Switch](#)
- [2 Claro Smart Accessory Switch](#)
- [3 Installation and Wiring](#)
- [4 Usage](#)
- [5 How-to videos](#)
- [6 Disconnect Power](#)
- [7 WIRING](#)
- [8 Operation](#)
- [9 Troubleshooting](#)
- [10 Documents / Resources](#)
  - [10.1 References](#)
- [11 Related Posts](#)



**LUTRON DVRF-AS Smart Accessory Switch**



## Claro Smart Accessory Switch

The Claro Smart Accessory Switch is an accessory switch designed to work with the Diva smart dimmer (model number DVRF-6L) and the Claro smart switch (model number DVRF-5NS). The Claro Smart Accessory Switch is rated for 120V~ 50/60 Hz 6A and is for indoor use only.

## Installation and Wiring

Before installing or wiring the Claro Smart Accessory Switch, it is important to read the Quick Install Guide thoroughly. For 3-way wiring with a dimmer or a switch, the existing devices must be disconnected and the wires must be tagged. The Common wire, usually a different colored screw (typically black but colors may vary), must be tagged. The ground wire, which is usually bare or green, must also be connected. For 4-way wiring with a dimmer or a switch, the wire connected to the different colored screw must also be tagged.

## Usage

When using the Claro Smart Accessory Switch with a dimmer, a single tap on the ON button will turn on the light to the preset level.

### Important Notes:

- Disconnect power before installing or wiring the Claro Smart Accessory Switch.
- Ensure that the same wire connects to the blue wire at all locations.
- The main dimmer can be placed in any location.
- The black and red wires of all devices are reversible when using accessory switches with a dimmer.
- The black wire of the main switch must always connect or point towards the line.
- For more information and support, visit [www.casetawireless.com/support](http://www.casetawireless.com/support).
- Install in accordance with all national and local electrical codes.
- When no “grounding means” exists in wallbox, the National Electrical Code (NEC®) allows a control to be

installed as a replacement when a plastic faceplate with plastic fasteners is used, or the circuit is protected by a ground fault circuit interrupter (GFCI). Lutron wallplates meet this requirement. Cap or remove green wire before screwing control into wallbox.

- Protect the control from dust and dirt when painting or spackling the wall.
- Clean the accessory switch with a soft damp cloth only. Do not use any chemical cleaners. For more information, please see [www.lutron.com/cleaning](http://www.lutron.com/cleaning)
- For indoor use only.
- For 3-way or multi-location wiring, use only one Diva smart dimmer (DVRF-6L) or Claro smart switch (DVRF-5NS) with up to 10 accessory switches.
- Maximum wire length between the main control and the farthest accessory switch is 150 ft (45 m).

DVRF-AS 120 V~ 50 / 60 Hz 6 A ONLY for use with: Diva smart dimmer model number: DVRF-6L Claro smart switch model number: DVRF-5NS

## How-to videos



[www.casetawireless.com/3way](http://www.casetawireless.com/3way)

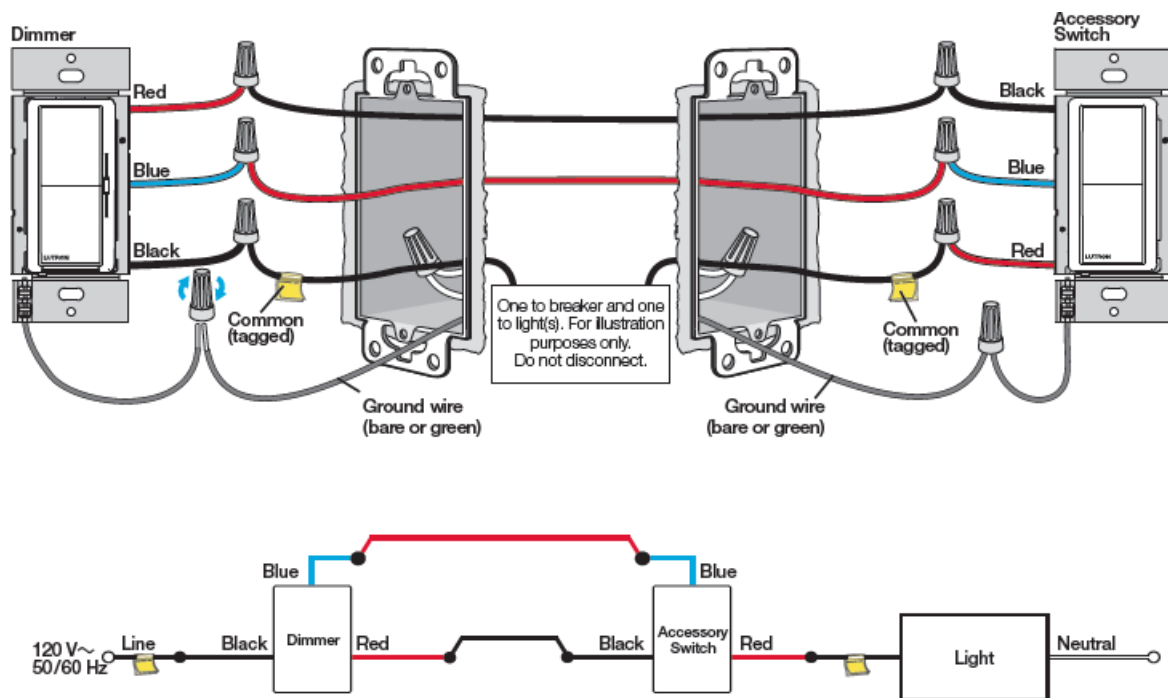
## Disconnect Power

**WARNING:** SHOCK HAZARD. May result in Serious Injury or Death. Turn off power at circuit breaker or fuse before installing.

## WIRING

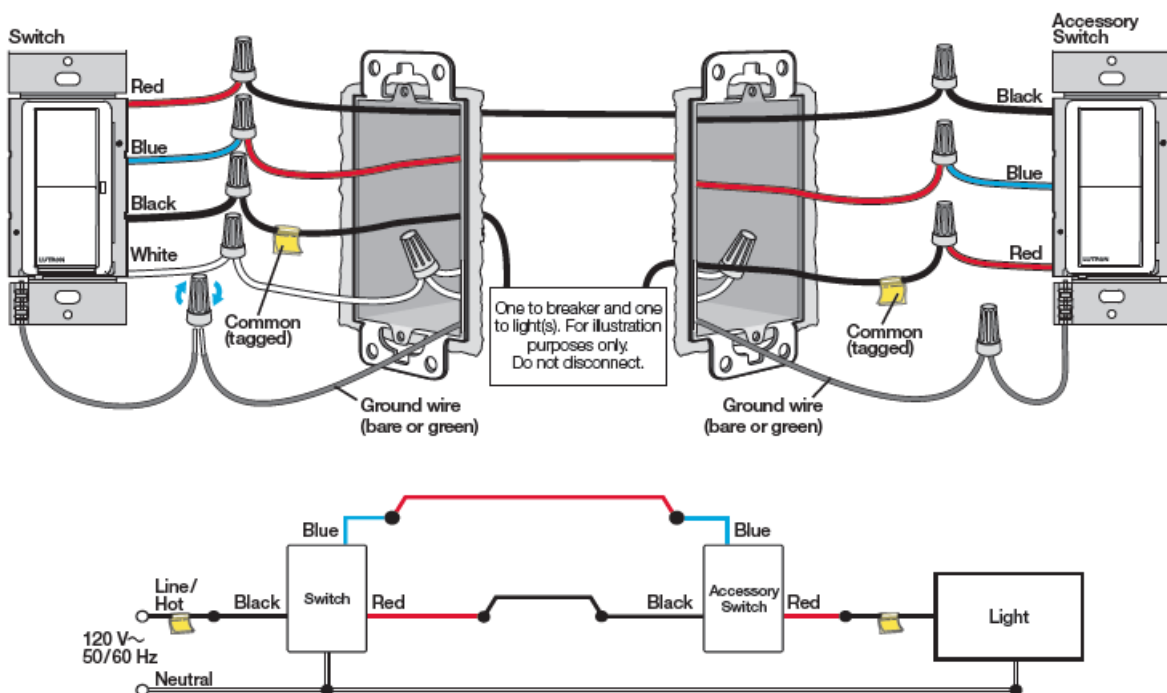
### 3-Way Wiring with a Dimmer

**IMPORTANT:** Before disconnecting the existing devices, tag the wire connected to the different colored screw (typically black, but wire colors vary, and labeled COM). This is the Common wire. QUESTIONS? See [www.casetawireless.com/support](http://www.casetawireless.com/support)



- **NOTE:** Ensure that the same wire connects to the blue wire at all locations.
- **NOTE:** Main dimmer can be placed in any location.
- **NOTE:** When using an accessory switch with a dimmer, the black and red wires of both devices are reversible.

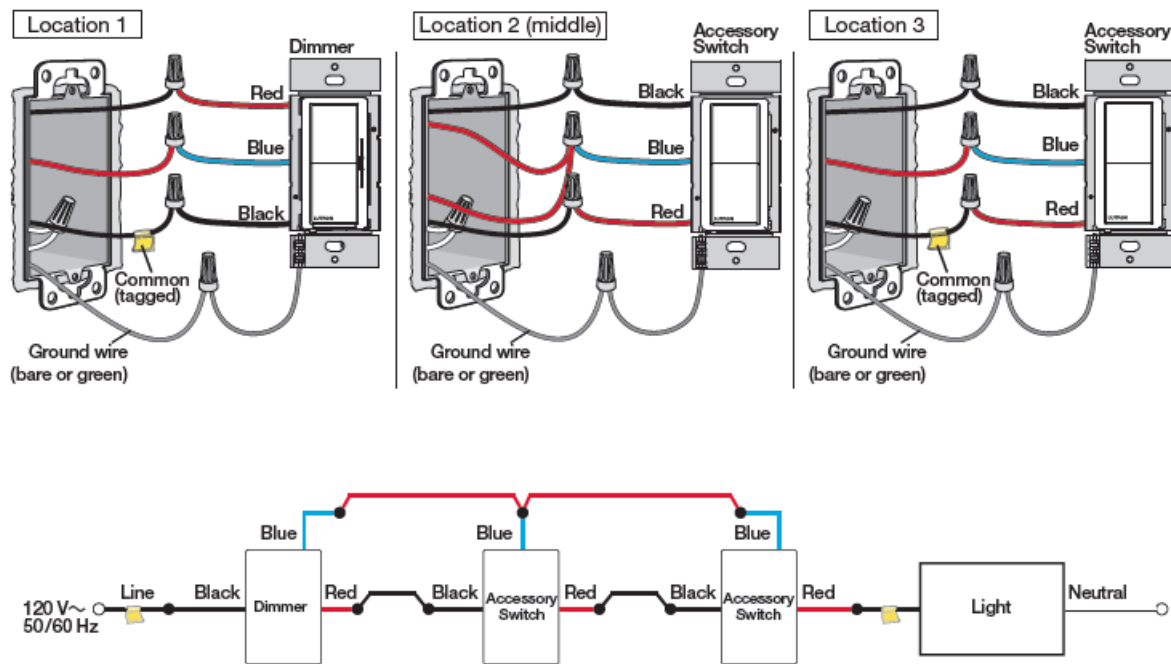
### 3-Way Wiring with a Switch



- **NOTE:** Ensure that the same wire connects to the blue wire at all locations.
- **NOTE:** Main switch can be placed in any location.
- **NOTE:** The black wire of the main switch must always connect or point towards line. The black and red wires of the accessory switch are reversible. See [www.casetawireless.com/3way](http://www.casetawireless.com/3way) for more details.

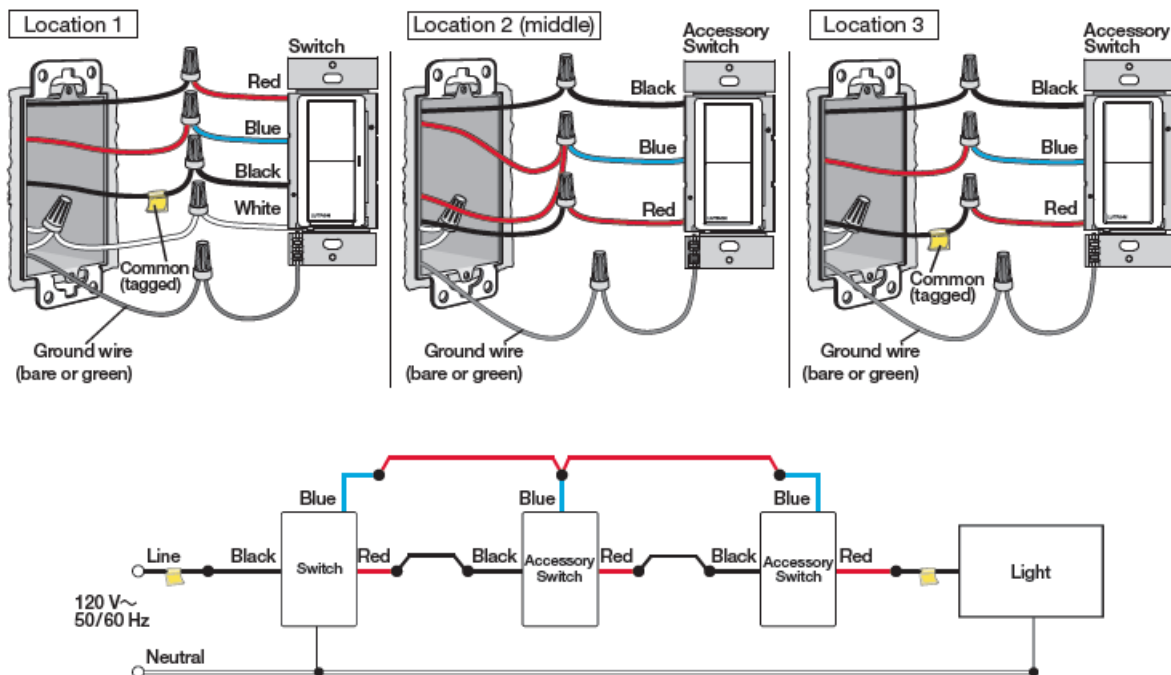
### 4-Way Wiring with a Dimmer

**IMPORTANT:** Before disconnecting the existing devices, tag the wire connected to the different colored screw (typically black, but wire colors vary, and labeled COM). This is the Common wire. QUESTIONS? See [www.casetawireless.com/support](http://www.casetawireless.com/support)



- **NOTE:** Ensure that the same wire connects to the blue wire at all locations.
- **NOTE:** Main dimmer can be placed in any location.
- **NOTE:** When using accessory switches with a dimmer, the black and red wires of all devices are reversible.

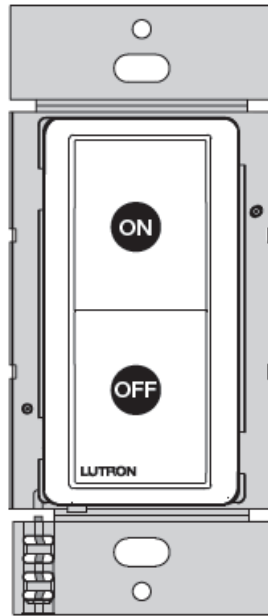
#### 4-Way Wiring with a Switch



- **NOTE:** Ensure that the same wire connects to the blue wire at all locations.
- **NOTE:** Main switch can be placed in any location.
- **NOTE:** The black wire of the main switch must always connect or point towards line. The black and red wires of the accessory switches are reversible. See [www.casetawireless.com/3way](http://www.casetawireless.com/3way) for more details.

## Operation

### Accessory Switch with a Dimmer



- Single tap the ON button for On (to the preset level).
- Double tap the ON button for full brightness.
- Single tap the OFF button for Off.
- Press and hold the OFF button (1 second) for 30 second delayed fade-to-off.

#### **Dimmer Feedback (when delayed long fade-to-off is initiated)**

The dimmer's top and second LED from the bottom blink for 10 seconds, then the top and bottom LED blink for 10 seconds, then the LEDs illuminate to match the light level and fade-to-off together

### Accessory Switch with a Switch

- Single tap the ON button for On.
- Single tap the OFF button for Off.
- Press and hold the OFF button (1 second) for 30 second delayed off.

#### **Switch Feedback (when delayed off is initiated)**

The switch's LED blinks during the 30 second fade time.

## Troubleshooting

Symptom	Possible Cause
The load does not turn ON or no LEDs on the dimmer or switch turn ON.	<ul style="list-style-type: none"> <li>• Front Accessible Service Switch (FASS) on the main dimmer or switch is pulled out to the OFF position.</li> <li>• Light bulb(s) burned out.</li> <li>• Breaker is OFF or tripped.</li> <li>• Wiring error. Refer to the wiring diagrams above or go to <a href="http://www.lutron.com/wiringwizard">www.lutron.com/wiringwizard</a></li> </ul>
The load turns ON and the main dimmer or switch works, but accessory switch does not work.	<ul style="list-style-type: none"> <li>• Wire connected to the blue wire on the main dimmer or main switch is not the same wire connected to the blue wire of the accessory switch.</li> </ul>
The load does not remain ON and main dimmer or switch LEDs glow dimly or blink.	<ul style="list-style-type: none"> <li>• Blue wire is miswired to neutral wire or touching ground.</li> </ul>




For more information, please visit [www.casetawireless.com/support](http://www.casetawireless.com/support)

24/7 Support: 1.844.LUTRON1 (USA / Canada) +1.888.235.2910 (Mexico) [www.casetawireless.com/support](http://www.casetawireless.com/support)

## Documents / Resources

	<p><b><a href="#">LUTRON DVRF-AS Smart Accessory Switch</a></b> [pdf] Installation Guide  DVRF-AS, DVRF-6L, DVRF-5NS, DVRF-AS Smart Accessory Switch, DVRF-AS, Smart Accessory Switch, Accessory Switch, Switch</p>
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## References

-  [Installing Caséta for a light with two switches | Lutron](#)
-  [Application Notes | Caséta Wireless | Lutron](#)
-  [Products Cleaning Recommendation | Lutron](#)
-  [How to Install a Dimmer Switch | Dimmer Switch Wiring | Lutron Web Tools](#)