Aspire RF accessory switch

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

RF9517AW
Designer series

RF9517DW
Decorator series

Description

3-way or up to 5 locations
120V/AC, 60Hz

Design features for Aspire RF accessory switch

- Compatible with Aspire RF switch (RF9501, RF9518) for wireless 3-way control eliminating the need for traditional 3-way wiring (up to 5 locations)
- Neutral wire required for installation
- Can be associated with up to 5 other devices
- Decorator and designer series products offer the same functionality with two distinct styles
- Electro-mechanical push button for ON/OFF operation
- Patented indicator system alerts if switch is not set up in the network
- Blue LED at center right of paddle illuminates to indicate ON/OFF status
- Single button programming
- Programmable delayed OFF mode up to 4 minutes (default is 10 seconds)
- Child lockout feature
- All-ON/All-OFF inclusion
- Configurable "power up state"

Table 1. Aspire RF accessory switch

Catalog No.	Description	Designer Color Suffix	Decorator Color Suffix
☐ RF9517_	RF accessory switch compatible only with RF switches (RF9501, RF9518)	AW, DS, SG, WS	DBK, DLA, DW

Compliances, specifications and availability are subject to change without notice.

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Applications for Aspire RF switch

The Aspire RF accessory switch replaces regular switches or dimmers to provide local and remote ON/OFF control. The device also provides 3-way, multi-location or virtual 3-way remote ON/OFF control of a selected RF switch without the need for traditional 3-way wiring. Aspire RF accessory switches provide other programmable functions (scenes, events, association, child lockout, etc.) when used with Aspire RF controllers (RFHDCSG, RFTDSG, RFTCP, RFUSB-PRO) or other Z-Wave® compliant controllers*. Each switch can be manually and remotely controlled by commands sent from an Aspire RF controller or other Z-Wave compatible controllers or programs. The Aspire RF switch utilizes existing 120V/AC 60Hz standard house wiring and fits in a standard-sized wallbox. Neutral wire required for installation. No new wiring needed. *Note: some specific Aspire RF features may not be programmable.

Table 2. Specifications

Catalog No.	Accessory switch RF9517
Performance	**Rating:** 120V/AC, 60Hz Uses 300 Series Z-Wave Chip @ 40Kbs
Performance Consideration	An Aspire RF Z-Wave enabled device must be within 60 feet of another Z-Wave enabled device to participate in a Z-Wave wireless mesh network. Any one dimmer or switch can be associated with up to 5 devices (dimmers, switches, receptacles, or plug-in modules)
Installation & Programming	Please reference the Instruction Sheet included with the product for wiring installation. For programming of the device, see the Aspire RF User Manual, which is provided with either the handheld (RFHDCSG) or tabletop (RFTDCSG) controllers and are also accessible online at www.cooperwiringdevices.com/AspireRF
Testing & Code Compliance	cULus Listed 244A. NOM Certified. Complies with FCC Part 15, Class B. Z-Wave Compliant Certified
Terminations	Switch has three 6" wire leads for line, neutral and ground
Material Characteristics	**Flammability:** Meets UL94 requirements; V2 rated **Temperature Rating:** 32°F to 104°F (0°C to 40°C)
Warranty	2-year limited product warranty

Table 3. Color Ordering Information

For ordering devices, include Catalog No. followed by the Color Suffix: AW (Alpine White), DS (Desert Sand), Silver Granite (SG), WS (White Satin), DBK (Decorator Black), DLA (Decorator Light Almond), DW (Decorator White).

Designer series color options:

Alpine White | Desert Sand | Silver Granite | White Satin

Decorator series color options:

Decorator Black | Decorator Light Almond | Decorator White

Table 4. Device Configuration Parameters

Parameter	Description	Value range
1	Delayed OFF	*0 to 127 -128 to -1
2	Panic ON time	Not used
3	Panic OFF time	Not used
4	Basic set value	Not used
5	Power up state	Not used
6	Panic mode enable	Not used
7	Not used	Not used

*The configuration value is a signed single byte number. This value may represent a value with no units or may represent a value such as time. 0 to 127 (decimal) represents 0 to 127 seconds of time. -128 to -1 (negative decimal numbers) represents 128 to 255 seconds as calculated by this formula.
Config value = desired time in seconds (or desired value) -256
For an example of 172 seconds: config value = 172 - 256 = -84 (decimal) or 0xAC (hex)

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Table 5. Device Association Information

Association Groups for RF9517	
Group 1	5 nodes maximum
Group 2 - 254	0 nodes maximum
Group 255	1 node maximum

Product Dimensions

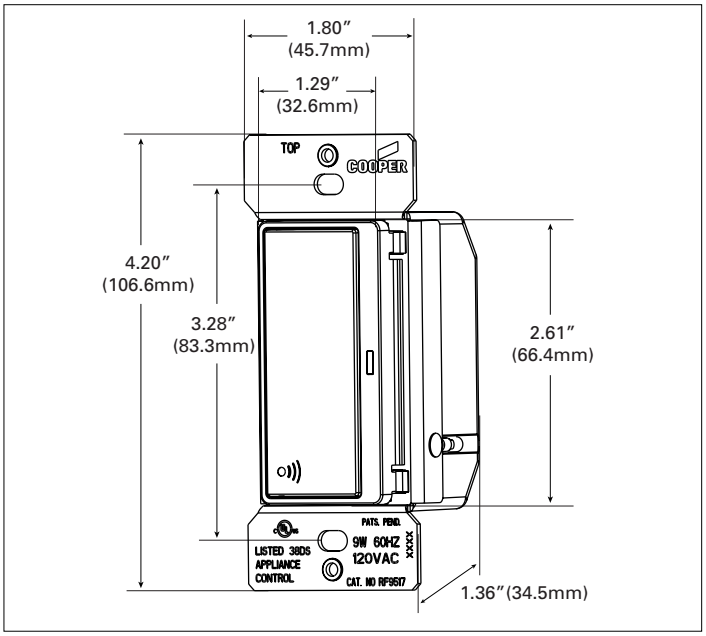
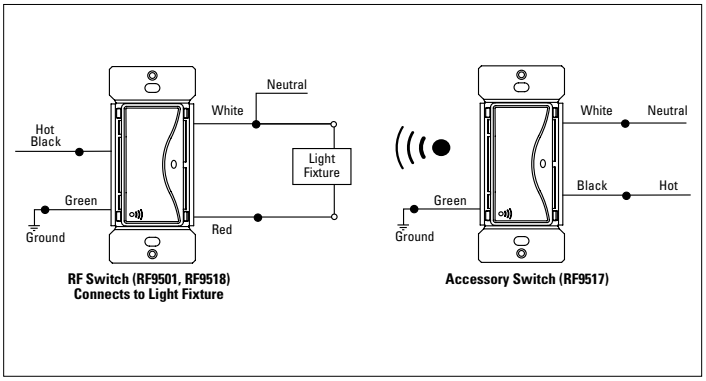


Figure 1. RF9517

Multi-Location Wiring Diagram



Note: For multi-location control using RF association function, use with catalog no. RF9501 or RF9518.

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Certifications & Compliances

Catalog No.	cULus	NOM 426	FC
RF9517	•	•	•

KEY: cULus cULus NOM 426 NOM FC FCC

Related Products

Aspire RF controllers

RFHDCSG, RFTDCSG, RFWC5WS

Aspire RF products

RF9540-NDW, RF9501DW, RFTR9505-T

Aspire products

9566TRWS, 9544DS, 9521WS

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