

UPB Fan Controllers

Provides a Three Speed Output for Fan Control and a 150W On/Off Output for Light Control

Advantages of Universal Powerline Bus (UPB)

- **No new wires**
 - ▶ Multi-packet communication over existing power lines
 - ▶ Transmits and receives UPB lighting scenes
 - ▶ 2 to 250 UPB devices per network, and 250 scenes
- **UPB technology delivers...**
 - ▶ Exceptional reliability and noise immunity
 - ▶ Lowest installed cost compared to hardwired and RF solutions
 - ▶ No interference between adjacent homes
- **Easily configured or reconfigured with UPStart (PC) software**
 - ▶ Makes changing lighting scenes and control quick and easy
 - ▶ Includes UPStart Wizard for first time users

Features

- **Three speed fan control output with status indication**
 - ▶ High, Medium, Low and Off fan control (2.5 Amp Max.)
 - ▶ Capacitive speed control for quiet fan operation
 - ▶ Status LEDs track and indicate fan speed and scene links
 - ▶ Remotely/automatically control fan with UPB scene links
 - ▶ Enables fan control from any UPB devices and locations
- **One On/Off light control output with status indication**
 - ▶ Use bottom button for 'Fan Off' or light circuit (300W max.)
 - ▶ Reversible button label, changes 'Off' to 'Light' (UCQF-W)
 - ▶ Turn On / Off scenes or other UPB devices
 - ▶ Control any UPB dimmers or relays in the home
- **Interchangeable faceplate assemblies**
 - ▶ Change color in the field
 - ▶ Choose Oval or Thin-Bar buttons
 - ▶ Custom label buttons and LEDs with ZLK-01S label kit
- **UL and CSA listed per ETL #3058914 (pending)**
- **Push-button choices and faceplate color options:** choose Oval button faceplate (ZS24OS Series) or Thin-Bar faceplate (ZS24BS Series) in the standard colors; White, Almond, Light Almond, Ivory, Black or Brown



Model: UCQF



Model UCQF-W

SimplyBrilliant® UCQF is a UPB Transceiver / Ceiling Fan Controller Base with one (1) three speed fan control output (2.5 Amp Max.) for high, medium and low speed control. With a faceplate attached the top button is high, second from top is medium and third from top is low speed. These buttons are fixed (hard wired) to the fan output through a capacitive speed control circuit for quiet fan operation. It also has one On/Off light circuit output (300W Max.) which is controlled by the bottom button.

The UCQF base requires a 4-button faceplate. Oval button (ZS24OS Series) and Thin-Bar button (ZS24BS Series) faceplates are sold separately, easily changed in the home, and available in white, almond, light almond, ivory, black or brown. The model UCQF-W includes a white, oval button faceplate (Model ZS24OS-W) attached to the UCQF controller base. Custom label kits are available (model ZLK-01S), so the buttons and status LEDs can be custom labeled to identify lighting scenes.

The UCQF (-W) transmits and receives UPB lighting scene links. Lighting scene links sent by other UPB devices or UPB compatible controllers can control the fan and light circuit of the UCQF. Similarly the lighting scene links, transmitted with each button press of the UCQF, can control other UPB dimmers and relay modules.

If a remote for the fan controller is desired (e.g. virtual 3-way or 4-way fan control), the UCQT Scene Controller is ideal since it looks identical to the UCQF. The UCQT is a 4 button transmitter (no output circuits) with status LEDs. It can be used to transmit UPB lighting scene links and control the UCQF, just like it is the fan controller. The UCQT also fits nicely in the Tabletop Pedestal accessory (model ZTP2-W or -BK, white or black) and is available as an assembled unit (model USQT). It is great for bedside or table top fan and lighting control, complete with LED status indication.

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Home Automation Made Simple.

Applications

The UCQF and UCQF-W are used for ceiling fan control and light control. Straight out of the box it will control a fan with the factory default settings; high, medium, low and off using the top to bottom buttons respectively. If the light control output connected to button 4 will be used, it will be necessary to configure the unit so the bottom button will not turn off the fan. Configuring UPB devices like the UCQF requires [UPStart](#) configuration software, a PC and computer interface module ([model UMC](#)).

The Fan Controller can also be used to transmit and receive UPB lighting scene links. For example, if there is another light in the room that should be on when the fan is on, then the scene link(s) assigned to one or all three of the fan control buttons can be used to activate a UPB switch connected to the light. Similarly if another UPB switch in the room needs to control the fan, then a rocker or a button on that switch should be configured to transmit one or all three of the fan controller button's scene links.

If multiple fan controllers will be used in the home, then it will be necessary to configure each of them with different scene links to prevent them all from turning on/off at the same time. The factory default links used are #101-104. Or in the case where there are multiple fans in the room, it may be desirable to have them both turning on and off at the same time. In that case the same scene links should be used.

To automate fan control, there are a number of options. The simplest might be the use of the Scheduler-Timer ([model UCS-01](#)), where a timed event can be set so the fan comes on at certain times of the day. Or it can be set to turn off the fan automatically at any desired time. An example of this is if the fan is unintentionally being left on after hours. The scheduler timer can be set to turn off the fan and lights after everyone has gone to sleep, or left the house for the work/school day.

Another automation example includes control from a security panel or whole home controller with UPB capability and a thermostat. For example, if whole home controller has a thermostat connected, then the controller can usually be configured to send scene links upon certain events. Maybe the fan should turn on at some temperature or temperature differential based on the thermostat reading. Or the controller could tell the fan to turn on/off automatically when the air conditioning or heater turns on/off.

Ordering Information

Model; Description

UCQF; UPB 3-Speed Fan Controller Base (requires faceplate)

UCQF-W; UPB 3-Speed Fan Controller Base with 4-Button Oval Faceplate, White.

ZS240S-*; 4-Button Oval Faceplate (specify color)

ZS24BS-*; 4-Button Thin-Bar Faceplate (specify color)

*Available faceplate colors (specify): white (W), almond (A), Light Almond (LA), ivory (I), black (BK), or brown (BN).

Specifications

Power: 120VAC +/- 10%, 60Hz
Output(s): Solid State Relay, Capacitive Speed Control
Max Output: Fan Circuit 2.5 Amps
 Light Circuit (300W)
 600W total output power maximum

Connections: 4, 6" stranded pigtails, #16 AWG

Wiring:

Black	AC Line
White	AC Neutral
Brown	Fan Circuit
Red	Light Circuit

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

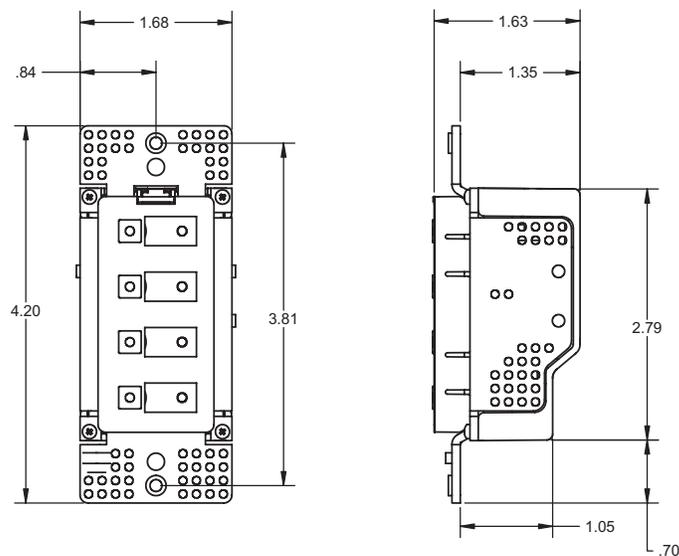
Physical:

Dimensions: 4.2"H x 1.7"W x 1.6"D (107 x 43 x 41mm),
 depth inside junction box 1.35" (35mm)

Weight: 5.2 oz (148g)

Mounting: standard J-box

Dimensions



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