



UPB Fan Controller Base with 4-status LEDs (model UCQF), or UPB Fan Controller with white, 4-oval button, faceplate (model UCQF-W)

Provides 3-speed ceiling fan control & on/off light control with 4-buttons and 4-status LEDs – will also transmit and receive UPB lighting scene links.

IMPORTANT! Read This Before Installing!

- **DO NOT WIRE HOT!** Permanent damage may result. Improper installation voids the warranty.
- The UCQF has internal fan speed capacitors for High, Medium, Low and Off.
- Separate light output for on/off control of 150W (max.) fixtures.
- Also controls and tracks UPB load controlling devices via UPB scene links.
- For a complete list of UPB Load Controlling Devices please visit www.Simple-Automated.com/products/products.php

Model UCQF-W shown with white faceplate and standard label (included). For different color faceplate order UCQF base and model ZS24OS or ZS24BS faceplate (available separately in Almond, Light Almond, Ivory, Black and Brown).



FUNCTION

The SimplyBrilliant® UPB Fan Controller Base (model UCQF) and Fan Controller Base with white 4-oval button faceplate (model UCQF-W), provides 3 speed control of standard ceiling fans (1 Amp Max.). The first three buttons provide high, medium, and low speeds and the fourth (bottom button) will turn off the fan or it can be configured to toggle a light, up to 150 Watts, on and off. Each button also transmits a UPB scene link enabling control of other UPB devices. Similarly the UCQF will receive lighting scene links and can be controlled by other UPB compatible devices, such as scene controllers like the model UCQT.

To change color, the 4-button faceplate for the UCQF is easily attached or removed and replaced within the home. Faceplates are available with oval (ZS24OS Series) or thin-bar (ZS24BS Series) buttons, in 6 standard colors: white, almond, light almond, ivory, brown and black.

With [UPStart](#) UPB configuration software and a Computer Interface Module ([UMC Series](#)), the 4-buttons of the UCQF can be configured to dim, fade-up/down, turn on/off, blink, as well as activate other devices' countdown timers and GoTo light levels via UPB lighting scene links. The UCQF LEDs have 8 presets (i.e. receive components) to support up to 8 scene links. These presets define the functions (on, off, opposite and no change) of each of the 4-LEDs for each scene. This allows the LEDs to be configured to indicate the status of the fan as well as a lighting scene.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical products, basic safety precautions should always be followed, including the following:

1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
2. Installation should be performed by a qualified electrician.
3. Keep away from water. If product comes into contact with water or other liquid, disconnect immediately.
4. Never use products that have been dropped or damaged.
5. Do not use this product outdoors.
6. Do not use this product for other than its intended use.
7. Do not connect multiple fans or lamps that, when combined, exceed the maximum load rating of the product, de-rated for multi-gang boxes.
8. Do not install in areas that can exceed 120°F (e.g., in an attic).
9. To avoid the risk of overheating and possible damage to other equipment, do not use this product to control a receptacle.
10. Do not cover the product with any material when in use.
11. SAVE THESE INSTRUCTIONS.



CAUTION: DO NOT WIRE THIS DEVICE WITH POWER CONNECTED. Injury or permanent damage to the device may result. Improper installation voids the product warranty.

INSTALLATION

The SimplyBrilliant® UPB Fan Controller (UCQF) is designed to be installed in a junction box that is wired to a readily accessible over-current protection device in the building wiring per NEC and CEC electrical codes.

Note: The buttons are hard wired for fan and light control, where button 1 (top) is high fan speed, button 2 medium speed and button 3 low speed. Single tapping the button activates the speed, double tapping the button deactivates (turns off) the fan speed. The fourth (bottom) button can be used to turn on/off a light, or simply turn off the fan (factory default).

1. Locate the existing wall switch for the fan and light control wire connections.
2. Disconnect power at the circuit breaker.
3. Remove the existing fan switch hardware. Disconnect the wires to the switch.
4. Attached the 4-button faceplate, if necessary, per instructions on next page. Be sure the power indicator/disconnect switch (rectangular LED light pipe – front, top, center) is pushed in.
5. Per Wiring Diagram on next page... Using a wire nut, connect all white (Neutral) wires together.
6. Using a wire nut, connect the brown fan control wire to the black (switch leg) load wire going to the fan/ceiling junction box.

Note: Fans typically have one (switch leg) wire connection for fan power and another (if applicable) wire connection for the fan light. Be sure the brown output wire of the UCQF is connected to the black switch leg wire which connects to the fan power wire. The fan's manual speed control should be set on high, allowing the UCQF to control the fan speed.

7. If a light is to be controlled by the UCQF, then using a wire nut connect the red light control wire of the UCQF to the black (switch leg) load wire going to the light. If no light needs to be controlled use a wire nut to cap the red wire.
8. Using a wire nut, connect the black (Line) wire of the UCQF to the black (Line) power wire.
9. Mount the switch inside the J-box using captive screws. **DO NOT OVER TIGHTEN THE SCREWS.**
10. Reconnect power at the circuit breaker.
11. Test the fan making sure the fan's manual controls are in the high speed state.

CONFIGURATION

The factory default setting of the UCQF allows fan control without any other configuration. UPB compatible configuration for automation requires UPStart UPB setup/configuration software and a model UMC Computer Interface Module. Before using UPStart configuration software, be sure to [download the latest version](#) from the Simply Automated website. First time users should also download and follow the [Quick Start Guide](#).

SETUP MODE

When configuring a UPB system, it is necessary to place the UCQF in SETUP mode to initiate self-identification on the powerline. To place the UCQF in SETUP mode press (tap) any button 5 times quickly. The power LED indicator at the top of the unit will continuously blink GREEN when the device is in SETUP mode. To exit SETUP mode and enter NORMAL mode, tap any button two (2) times quickly; the power LED will stop flashing.

DEFAULT SETTINGS

Below are the firmware default settings for the UCQF. To restore the default settings, place the UCQF in SETUP mode, then tap any button 10 times quickly. The indicator will continuously blink RED. Tap any button two times quickly to finish RESET mode.

Network Name	"Network 1"
Room Name	"New Room Name"
Device Name	"New UCQF"
Unit ID	52
Network ID	255
Network Password	1234
Transmit Links	Button 1-4 = Links 101-104
Receive Links	Presets 1-4 = Links 101-104; LEDs 1-4 ON (respectively), and Presets 5-8 = Unused

OPERATION

The default setting for the button mode is 'Super Multi-button'. Unless otherwise configured, button actuators behave as follows:

Button Event	Scene Controller Action
	Button (default)
Single-Tap	Activate Scene Link
Double-Tap	Deactivate Scene Link
Hold	Start dim fading the scene link (not the fan) at Default Rate; toggles between fading up or down
Release	Stops fading and holds current level

- By linking a UCQF button to a (non-dimming) UPB Receptacle, Appliance Module or Relay Module, the connected load can be turned ON by tapping the button once and OFF by tapping the button twice.
- By linking a UCQF to a (dimming) UPB Switch, Lamp or Fixture Dimmer Module, the dimmer's connected load can be controlled according to the table above.

INSTALLING/CHANGING FACEPLATES

The UCQF SimplyBrilliant® Fan Controller is designed with a removable actuator faceplate, making it possible to change color in the field without disconnecting the switch from the wall.

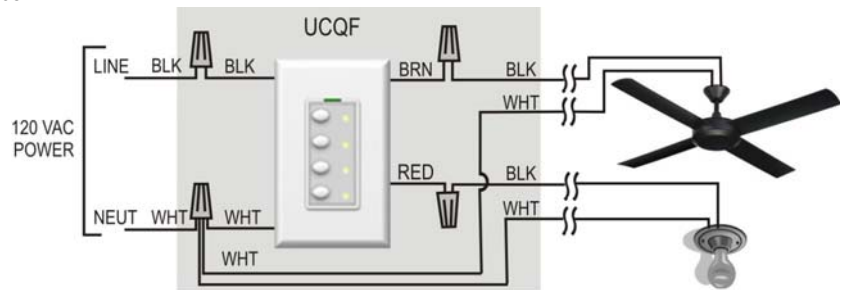
To install a faceplate assembly, do the following:

- Hold the faceplate assembly so that clear plastic light pipe (LED) on the switch fits nicely into the recess on the top of the faceplate assembly.
- Align the four prongs on the side of the faceplate assembly with the four slots on the switch body.
- With equal pressure on the top and bottom of the faceplate, squeeze prongs as you press it into the switch body. Ensure that all four prongs are fully inserted and latched into the switch body. If all four prongs are not fully latched, the button plungers may not function properly.
- Exercise each button several times to ensure proper seating and operation. If a button doesn't operate properly, remove and re-install the faceplate then check proper seating and operation again.

To remove the faceplate assembly to change color, do the following:

- Remove the wall plate from the switch.
- Using the thumb and index finger, press the top two prongs of the faceplate assembly inward so that they unlatch from the switch body. This will release the top of the faceplate assembly.
- Press the two lower prongs inward, and pull the faceplate assembly away and slightly downward from the switch body, moving it away from the clear plastic light pipe.
- Once the old faceplate is removed, follow steps 1-4 above for instructions on installing a new faceplate assembly.

STANDARD INSTALLATION



TROUBLESHOOTING

PROBLEM	PROBABLE CAUSE	SOLUTION
Master switch is wired properly but has no power. (LED indicator is OFF)	Circuit breaker is open, not closed providing power.	Go to the circuit breaker panel and make sure the circuit breaker is in the on position. If it is on and the power LED is still not lit, then check for 120VAC at the wire nuts connecting power to the Controller.
	Power indicator/disconnect switch on the front, top, center of switch is not pushed in.	Gently push in the rectangular power/disconnect. LED should flash, and then turn green.
Push button actuator doesn't transmit scene link (cannot hear faint buzz indicating transmission).	Actuator faceplate may not be seated properly on the switch body.	Exercise actuator several times to ensure proper seating and operation. If necessary, remove and replace faceplate to ensure proper seating and operation.
	No Scene Link programmed into transmit component table.	Open the network file with UPStart, double click on device's icon to open Edit Device window. Check transmit component table to make sure the button preset has a link name or number (i.e. not 'unused').
Buttons stick or don't actuate properly when pressed.	Mounting screws may be too tight or j-box may be deformed, causing the switch body to warp.	Loosen mounting screws to relieve pressure on the switch housing.
	Actuator button springs may have backed out of their correct location during shipping.	Exercise actuator button several times to ensure proper seating and operation. If necessary, remove and replace faceplate to ensure proper seating and operation.