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Button usage

arendst edited this page on Oct 8, 2016 · 5 revisions

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The button on sonoff provides the following features

Version 2.0.3 and up:

- a short press toggles the relay either directly or by sending a MQTT message like `cmnd/sonoff/1/light on` . This will blink the LED twice and sends a MQTT status message like `stat/sonoff/LIGHT on` . If `cmnd/sonoff/ButtonRetain on` has been used the MQTT message will also contain the MQTT retain flag.
- two short presses toggles the relay. This will blink the LED twice and sends a MQTT status message like `stat/sonoff/POWER on` . For Sonoff Dual this will switch relay 2.
- three short presses start Wifi smartconfig allowing for SSID and Password configuration using an Android mobile phone with the ESP8266 SmartConfig app. The MQTT server still needs to be configured in the `user_config.h` file. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- four short presses start Wifi manager providing an Access Point with IP address 192.168.4.1 and a web server allowing the configuration of both Wifi and MQTT parameters. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- five short presses start Wifi Protected Setup (WPS) allowing for SSID and Password configuration using the routers WPS button or webpage. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- six short presses will restart sonoff
- seven short presses start OTA download of firmware. The green LED is lit during the update
- pressing the button for over four seconds resets settings to defaults as defined in `user_config.h` and restarts the device

Version 2.0.2 down to 2.0.0:

- a short press toggles the relay either directly or by sending a MQTT message like `cmnd/sonoff/1/light 2` . This will blink the LED twice and sends a MQTT status message like `stat/sonoff/LIGHT on` .
- two short presses toggles the relay. This will blink the LED twice and sends a MQTT status message like `stat/sonoff/POWER on` . For Sonoff Dual this will switch relay 2.
- three short presses start Wifi smartconfig allowing for SSID and Password configuration using an Android mobile phone with the ESP8266 SmartConfig app. The MQTT server still needs to be configured in the `user_config.h` file. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- four short presses start Wifi manager providing an Access Point with IP address 192.168.4.1 and a web server allowing the configuration of both Wifi and MQTT parameters. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- five short presses start Wifi Protected Setup (WPS) allowing for SSID and Password configuration using the routers WPS button or webpage. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- six short presses will restart sonoff
- seven short presses start OTA download of firmware. The green LED is lit during the update
- pressing the button for over four seconds resets settings to defaults as defined in `user_config.h` and restarts the device

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Version 1.0.35 down to 1.0.32:

- a short press toggles the relay either directly or by sending a MQTT message like `cmnd/sonoff /light 2`. This will blink the LED twice and sends a MQTT status message like `stat/sonoff /LIGHT on`
- two short presses toggles the relay. This will blink the LED twice and sends a MQTT status message like `stat/sonoff/POWER on`
- three short presses start Wifi smartconfig allowing for SSID and Password configuration using an Android mobile phone with the ESP8266 SmartConfig app. The MQTT server still needs to be configured in the `user_config.h` file. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- four short presses start Wifi manager providing an Access Point with IP address 192.168.4.1 and a web server allowing the configuration of both Wifi and MQTT parameters. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- five short presses start Wifi Protected Setup (WPS) allowing for SSID and Password configuration using the routers WPS button or webpage. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- six short presses will restart sonoff
- seven short presses start OTA download of firmware. The green LED is lit during the update
- pressing the button for over four seconds resets settings to defaults as defined in `user_config.h` and restarts the device

Version 1.0.31 down to 1.0.22:

- a short press toggles the relay either directly or by sending a MQTT message like `cmnd/sonoff /light 2`. This will blink the LED twice and sends a MQTT status message like `stat/sonoff /LIGHT on`
- two short presses toggles the relay. This will blink the LED twice and sends a MQTT status message like `stat/sonoff/POWER on`
- three short presses start Wifi smartconfig allowing for SSID and Password configuration using an Android mobile phone with the ESP8266 SmartConfig app. The MQTT server still needs to be configured in the `user_config.h` file. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- four short presses start Wifi manager providing an Access Point with IP address 192.168.4.1 and a web server allowing the configuration of both Wifi and MQTT parameters. The LED will blink during the config period. A single button press during this period will abort and restart sonoff.
- five short presses will restart sonoff
- six short presses start OTA download of firmware. The green LED is lit during the update
- pressing the button for over four seconds resets settings to defaults as defined in `user_config.h` and restarts the device

Version 1.0.21 and down:

- a short press toggles the relay either by sending a MQTT message like `cmnd/sonoff/light 2` or directly. This will blink the LED twice and sends a MQTT status message like `stat/sonoff /LIGHT on`
- two short presses toggles the relay. This will blink the LED twice and sends a MQTT status message like `stat/sonoff/POWER on`
- three short presses start Wifi smartconfig which allows for SSID and Password configuration using an Android mobile phone with the ESP8266 SmartConfig app. The green LED will blink during the smartconfig period for 1 minute. The MQTT server still needs to be configured in the `user_config.h` file
- four short presses start OTA download of firmware. The green LED is lit during the update
- five short presses will restart sonoff
- pressing the button for over four seconds resets settings to defaults as defined in `user_config.h` and restarts the device

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